



safety glazing certification council

July 2025

certified products directory
safety glazing material used in buildings
visit our website @ sgcc.org



July 2025

Safety Glazing Certification Council

Certified Products Directory (CPD)

Certification Program for safety glazing materials found to be in compliance with one or more of the following specifications:

"American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020)"

Copies of ANSI Z97.1-2015 (R2020) may be obtained by calling (212) 642-4900, writing the following address or visiting the following website:

American National Standards Institute
11 W 42nd St., #13th Fl
New York, NY 10036-8002
<https://webstore.ansi.org/SDO/GISC>

"Consumer Products Safety Commission (CPSC) Safety Standard for Architectural Glazing Materials - at Title 16, Part 1201 of the Code of Federal Regulations: 16 CFR 1201"

Copies of 16 CFR 1201 may be obtained by calling (202) 512-1800, writing the following address or visiting the following website:

Superintendent of Documents
PO Box 371954
Pittsburg, PA 15250-7954
<https://www.reginfo.gov/public/jsp/eAgenda/GetPrintedCopies.myjsp>

SGCC "Record of Compliance Testing" to support a manufacturer's CPSC Certificate of Compliance Testing may be obtained, when authorized by the SGCC licensee, at
<https://www.sgcc.org/product-search/compliance-testing>

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-2022"

Copies of CAN/CGSB 12.1 may be obtained by calling (613) 238-3222, writing the following address or visiting the following website:

The Secretary
Canadian General Standard Board
Ottawa, Canada K1A 1G6
https://publications.gc.ca/collections/collection_2022/ongc-cgsb/P29-012-001-2022-eng.pdf

Additional copies of this Certified Products Directory may be obtained by contacting the SGCC® office or by going to our website to download a PDF copy

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MEETINGS OF THE CERTIFICATION COMMITTEE

The Certification Committee of the Safety Glazing Certification Council meets annually. Minutes of these meetings may be obtained by writing to the Administrative Manager of the Safety Glazing Certification Council (SGCC®) or by visiting the SGCC website at www.sgcc.org

Certification in this directory is current as of the date of issue, however, products may be certified or have certification removed from time to time. For the most current information, please contact the Administrative Manager of SGCC® or visit the SGCC website at www.sgcc.org

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ACCREDITATION

In 2016 the American National Standards Institute (ANSI) issued ISO/IEC 17065 Accreditation to the SGCC® Certification Program and AMS, Inc., the program Administrator and Certification Body (CB). This Accreditation is a formal recognition of fulfilling the requirements of the ISO/IEC 17065:2012 standard, as well as ANSI's own accreditation requirements.

What is Accreditation?

Accreditation is similar to certification. Just like in certification there is an independent party who assesses and determines whether or not an organization meets specific requirements. In the case of ANSI National Accreditation Board (ANAB) assessment of the SGCC® Certification Program and AMS, Inc., they were assessed to ISO standard ISO/IEC 17065:2012. The end result is called accreditation.

Who is ANAB?

ANAB is a non-governmental organization and a wholly-owned subsidiary of American National Standards Institute (ANSI), which is a not-for-profit organization. Consistent with ANSI's nonprofit mission to administer procedures and criteria for accreditation of conformity assessment programs and to encourage organizations to prepare and submit such programs for accreditation, ANAB provides accreditation services, assessment services, and training to public- and private-sector organizations that serve the global marketplace. ANAB assesses and accredits organizations (i.e., conformity assessment bodies or "CABs") to international and domestic standards, requirements, and other programs. ANAB has comprehensive signatory status across multilateral recognition arrangements of the International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC).

Information from: <https://anab.ansi.org/about-anab/>, About ANAB, 2024. Web. January 16, 2024

What is ISO/IEC 17065:2012?

ISO/IEC 17065:2012 is an internationally-recognized standard for bodies certifying products, processes and services. It is the main source of criteria used to assess the SGCC® Certification Program and AMS, Inc. The standard specifies requirements that, according to ISO/IEC 17065:2012, "ensure that certification bodies operate certification programs in a competent, consistent and impartial manner...".

How will this affect my Certification?

Accreditation of the SGCC® Certification Program and AMS, Inc. is the formal recognition that they have met strict requirements placed on them. This means that as a manufacturer, operator, or provider of certified products, you can be sure that the SGCC® Certification Program is operated to some of the highest quality standards in the world. Because the SGCC® Certification Program and AMS, Inc. have always followed stringent guidelines there will be minimal changes to the certification program. When changes are necessary though, you will be notified in advance.

Though the SGCC® Certification Program requirements won't change much due to the accreditation, it does offer an opportunity for manufacturers to show conformance to an ANAB-Accredited certification program, an invaluable association to set you apart in the market. For more information, and restrictions and limitations, please contact AMS, Inc.

Disclaimers

While there are significant benefits to being associated with this accreditation, accreditation doesn't mean that ANAB approves certified products, processes, or services of Licensees. In addition, the ANAB Accreditation symbol and ANAB logo are not permitted to be displayed on any product or its packaging.

Questions or Want to Learn More?

If you have any questions or need additional information regarding any of the topics presented above, please feel free to contact AMS, Inc. at (315) 646-2234, or email us at sgcc@amscert.com.

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M Industria S.A. DE C.V.	Mauricio Millet Medina	Juan Polanco	Ricardo Tonueyo
M&M Tempering Inc.	Joseph L. Stevens	Jenny Stevens	
M3 Glass Technologies	Chris Mammen		
Magic Mirror and Shower Enclosures Inc.	Alex Hernandez		
Majestic Glass Inc.	Maikel Barrios		
Major Tempered Glass LLC	Mark Chen	Rachel Liu	
Making Glass North America Inc.	Malcolm Jacobs	Carsten Hovelmann	
Making Glass S.R.L.	Marco Di Cesare	Alessandro Benzoni	
Manko Window Systems- CO	Matthew Hoyt		
Manko Window Systems- IA	Kevin Tyson		
Manko Window Systems- KS	Kevin Dix		
Maryland Glass & Mirror	Matthew Dalbke		
McGrory Glass	Gary McGrory		
Megaglass DBA Megaluminio SA de CV	Beria Alejandra Turcios	Fernando Lovera Colin	
Mercer Glass Fab LLC	Don Bielawski		
Mid-American Glass, Inc.	Michelle Magyar		
Milkana OOD	Krasimir Tanchev	Kaloyan Bedzhev	
Minneapolis Glass Company	Len Hatcher	Lanie Sanderson	
Mirror Works Inc.	Nermin Berbic	Taylor Thibert	
Mitrex Inc.	Travis Yeow	Roel Sarmiento	
ML System SA	Kamil Parylak	Sebastian Wilk	
M-Power Glass Ltd.	Brian Ngan	Alex Wu	
Mr. Glass LLC.	Hui Lin	Wen Wang	
Multiver Ltee	Martin Cormier	Annie Cormier	
Nanjing Feitian Varo Glass Product Co., Ltd.	Li Qiqi	Zhou Xiaojun	
Nashville Tempered Glass Corp.	Richard Roemke	Joseph Loos	Philip Contella
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
Newmar Window Mfg. Inc.	Carlos Martins	Fabio Farinelli	
Ningbo Gaosheng Special Glass CO., LTD	Coco Xie	Jie Xu	
Ningbo Runner Industrial Corporation	Vicky Chen	Jianquan Zhang	
Ningbo Xinxin Glass Technology Co., Ltd	Jessee Wu		
Niskayuna Glass	Mark Maslanka	Michael Rausch	
Nissink Business Glass BV	Robert Nissink	Esther vd Berg	
NOLA Showers, L.L.C.	Brian Laborde		
Norabath Sanitary Wares SDN. BHD	Daniel Tang	Evan Tang	
Norfinch Glass & Mirror Mfg. Ltd.	Barrington Timoll	Henry Pham	
Northwest Glass Manufacturing Inc.	Edward Pemberton	Trace Kauffman	
Northwestern Glass Fab	Stan Muriska		
Northwestern Industries, Inc- Yuma, AZ	John Butler		
Novatech Group Inc.	Marie-Eve Bouchard	François Dubé	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Novavetro S.r.l.	Cristiano Lucentini	Giuliano Toniolo	
ODL, Inc.	Patrick Corbeil	Sandro Greco	
Oldcastle BuildingEnvelope®	Robert Jackson	Mark Le Munyon	
Onyx Solar Energy, S.L.	Alvaro Beltran		
Opulux Glass	Mubeen Aslam		
P&C Tempered Glass, LLC.	Arnaldo Cruz Gonzales	Elso Perez Sotolongo	
Panasonic Housing Solutions Co., Ltd.	Takeshi Kimura	Hiyori Tsuboyama	
Pan-Dur Glass GmbH	Nadine Weiß		
Panoramic Doors LLC	Brett Chamberlin	Aaron Miller	
Paragon Tempered Glass	Barry DeLong	Chris Walker	
Patriot Armored Systems, LLC	Michael Biancolo		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
Philly Glass Industry Inc.	Danny Zhu	Ben Zhu	
Pilkington IGP Sp. z.o.o. Branch Skierniewice, Poland	Krzysztof Skarbiński	Krzysztof Górski	
Pingdingshan Youbo Glass Technology Co., Ltd.	Zhao Zhenguo	Luo Qiaoliang	
Polflam Sp. zo.o.	Julia Vermessy-Gruber	Dawid Chwistek	
Precision Glass Bending Corporation	Russell Alder		
Precision Glass Industries	Kevin Waller	Lance Hamilton	
Prelco Inc.	Stephane Mercier		
Prelco MTL Inc.	Nancy Stuart	Jocelyn Ouellet	
Premier Glass Products	Seth Jones		
PRESS GLASS SP ZOO	Adam Wierzbowski		
Press Glass, Inc.	Conrad Lankford	Mike Lankford	
PRL Glass Systems	Ruben Gallegos		
Procesadora de Ventanas SA de CV	Carlos Barrios	Carlos Aguirre	
Productora y Distribuidora de Espejos S.A. de C.V.	Jose Natividad Gonzalez		
Produits Verriers International Inc.	Victor Scherer		
ProTemp Glass, Inc.	Silvio Tuffolo	Vee Shivprasad	
Przedsiębiorstwo Prywatne Rezal	Michał Aleksandrowicz	Magdalena Pisera	
PT Abebersa Pratama	Mahud Halim		
Pulp Studio, Inc.	Bernard Lax		
Qianse Acrylic Co., LTD.	Spring Liang		
Qingdao Apis Glass Industries Co. Ltd.	Zhang Li		
Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	Liang Wang	Frank Jia	
Qingdao Himalaya Building Materials Co., Ltd	Haitao Du	Jie Luan	
Qingdao Ideal Building Material Co. Ltd.	Yan Feng		
Qingdao Jinjing Co., Ltd.	Zhang Yujing	Li Jiaman	
Qingdao Kingdom Glass Co., Ltd.	Tina Gu	Yanmin Yu	
Qingdao Laurel Glass Technology Co., Ltd	Bruce Jia		
Qingdao Pioneer Glass Co.,Ltd.	Xu Baowei	Chen Lei	
Qingdao Runya Glass Products Co., LTD	Amy Guo	Alice Cao	
Qinhuangdao Entrylite Technology Co.,Ltd.	Gwang H.Park	Shi Lingkun	
Qinhuangdao Huaguang Technology Glass Co., Ltd.	Tina Yang	Jiancheng Sun	
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan	Cindy Sun	
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Linda Qin	Cindy Sun	
Qinhuangdao Rongsheng Glass Processing Co., Ltd.	Cheng Na		
Qinhuangdao Shengrui Glass Processing CO., LTD.	Sanbao Chen	Cui Liu	
QinHuangDao Tianrui Tempered Technology Glass	YanJun Zhu	Zhu YanJun	Cheng Yi Bin
Quaker Window Products, Inc.	Curtis Weavers		
Quality Enclosures Inc.	Manny Hernandez	Brittany Gray	
Quality Enclosures Tempering, Inc.	Marvin Aguilar		
Quality Enclosures, Inc.	Michael Schwartz		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quality Glass Fabrication, Inc.	Tony McKoy	Jessica English	
Quest USA, Inc.	Joe Kuykendall	Charles Burt	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
R&R Insulated Glass Products D.B.A. Aurora Windows Raw Glass Inc.	Ery Hernandez	Selena Hernandez	
Ready Glass & Mirror, Inc.	Todd MacFarlane	James Smith	
Reem Emirates Aluminum & Glass	Silverio Perez		
Renin Canada Corp.	Hamed Hussein		
Resman Glass PVC Aluminum SAN. VE TIC. A.S.	Shervin Shahriari	Mardi Huelsekopf	
Rider Glass Company Limited	Buse Duygu Dagidir	Burak Koprulu	
Rizhao Huaye Glass Co., Ltd.	Luis Liu	Simon Li	
Robover Inc.	Alex Yin	Grant Lee	
Rohden Vidros LTDA	Tommy Fortier	Alain Fortin	
S.F. Tempering	Edilene Kniess	Lenuir Kniess	
SAAND Inc.	Tony Ungari	Carlos Toledo	
Saban Acikgoz Ins Malz San Tic AS	Paul Ferguson	Steve Callahan	
Safti First	Gunay Acikgoz	Sinah Acikgoz	
SAGE Electrochromics Inc.	Sean Ross	Josh Bascue	
Saint Gobain Mexico, S.A. de C.V.	Chuck Hayes	Dianne Dahl	
Saint-Gobain India Private Limited	Alberto Boix	Gladys Rios	
Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions	Senthilvel P	Upendiran .K	
Saudi American Glass Company	Magdalena Morgiewicz	Mateusz Krokosz	
Security Glass Ltd.	Liberato Gubat		
Selective Shower Glass Designs Inc.	Lee Sanders	Helen Sanders	
Senneca Holdings Inc. (Thermoseal Brand)	Fabio Castiblanco	Luz Adriana Alvarez	
Sfera SRL	Joseph Sokalski		
SGC International Inc.	Vianello Elio		
SGP Acquisition Inc. (Specialty Glass Products)	James Huang		
Shaanxi Jingfeng Industry and Trade Co., Ltd.	Patrick Bloom	Richard Merdzinski	
Shandong Blue Glass Technology Co., Ltd.	Zhang Jia	Liu Lifeng	
ShanDong HaanGlas Co., LTD	Ma Qiang	Dou Jie	
Shandong Jinjing Science & Technology Stock Co.,	Han XiaoQing	Zhang YongJian	
Shandong Kingtom Glass Co., Ltd.	Huanqing Zhang	Xu Ping	
Shandong Xingguan Glass Technology Co., Ltd.	Tao Zhenmin		
Shandong Yaohua Glass Co., Ltd.	Cheng Jie	Yang Gaowei	
Shanghai HJ Safety Glass Co., Ltd	James Hu		
Shanghai Jiajie Glass Co., Ltd.	Hou Longtao	Hui Zihua	
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Li Hongzhen	Matt Wang	
Shanghai Zhenzhen Glassware Co., LTD.	Dr. Sun Da Hai		
Shape Glass LLC.	Brian Y. L. Chong		
Shenyang New North Glass Co., Ltd.	Brian Bradford		
Shenzhen Sun Global Glass Co., Limited	Yuanbo Li	Zhonghua Wang	
Shower Doors & More Inc.	Zhang Guanghui		
Sichuan CSG Energy Conservation Glass Co., Ltd.	Page Giacin	Larry Giacin	
Sierra Glass Fabrication Inc.	Liu Song		
SIGCO, Inc.	Jack Baum		
Simonton Windows	David A. McElhinny	Matthew Dunn	
Sisecam Flat Glass Italy S.r.l.	Tina Seese	Steven Saffell	
Sky Land Glass Corp.	Antonio Santoro		
Skyline Design	Ricky Zeng		
Smart Glass Group LLC	David Wildfield		
Soluciones Arquitectonicas, S.A. De C.V.	Anton Yerkeyev		
Soluciones Vitro Plano S.A. de C.V.	Pablo Andres Rishmawi C.	Marco Ivan Mendoza R	
South Bay Showers, Inc.	Alberto Vilchis Trujillo		
Southern Wholesale Glass	Michael Sutton		
Splendor Shower Door	Mark Michael		
Star Glass Tempering LLC	John Wanamaker	Tom Wanamaker	
Stargrup Cam A.S.	Grzegorz Putek	Monika Putek	
Strong Tempering Glass Industry LLC	Ali Nurman		
Sunfire Glass, Inc.	Mark Chen		
	Dennys Fernandez		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Sunglas Technics Co., Ltd.	Zhao Jianxin	Steven Shung	Charles Burke
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	
Tacoma Glass Mfg. Inc.	Tim Conroy		
Taicang Zhuogao Glass Product Co., Ltd.	Julie Zhu	Luis Liu	
Technical Glass Company	Engr Mousa El Gedaily	Engr Ahmad Tawalbeh	
Techni-Glass LLC	Pat Murphy	Jason Hooven	
Tecnoglass S.A.S.	Christian Daes	Diana Lohrer	
TEMCOR S. DE RL DE CV	Genaro Cortez		
Temp Glass Inc.	Sigfrido Martinez		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
Tempered Glass Inc.	Michael Kalemba		
Tempered Glass Industries, INC.	Robert Whitlow Jr		
Tempion Tempering Glass LLC.	Ben Chen	Joanne Chen	
Templados Del Centro SA DE C.V.	Omar Rios	Fernanda Garcia	
Templados Industriales S.A. de C.V.	Pedro Chavez	Diana González	
Templex USA	Ely Zieg	Brett Agler	
TG Qingdao Glass Co., Ltd.	Albert Wang	Judy Li	
TG Taicang Architectural Glass Co. Ltd	Melody Bi		
TG Tianjin Glass Co., LTD	Zhengyue Wang	Jing Zhang	
The Glass Factory, LLC	Juan Carlos Isasi	Homero Tapia	
The Glass Guild Ltd.	Sarah Cantrill	Stuart Cantrill	
Thermafix A.J. Inc.	Francois Ouellette		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermalsun Glass Products	Brad Kloes		
Thermo BSL	Pierre-Luc Bellavance	Claude Pelletier	
Thermos Rive Nord Inc.	Stephan Gagnon	Patrice Alexandre	
Therval	Kurt Gerhard	Ana Karen Rodriguez	
Thompson I.G. , LLC.	Dale Houck		
Tianjin CSG Energy Conservation Glass Co., LTD	Zaida Liu		
Tianjin Northglass Industrial Technical Co., Ltd.	Zhang Xue	Anna Wu	
Tianjin Xinbao Glass Co., Ltd.	Sophie Lee	Yellow Shi	
Transparent Design S.R.L.	Adrian Badici	Oana Vicoleanu	
Treaty City Industries Inc.	Robbie Jones		
Tristar Glass, Inc.	Tim Kelley		
Triton Glass LLC	Sahaj R. Patel		
Trulite Glass and Aluminum Solutions	Jeff Haberer	Adrian Casas	
Türkiye Sise ve CamFabrikalar A.S. SisecamDuzcam	Ercan Acar	Burcu Sekir	
Tweddell's Inc.	Corey Myer	Ed Blair	
U.S. Glass Distributors Inc.	Franco Alfano	David Jaskulski	
UAB Stronglasas	Irma Andriusiene	Jolanta Vareikiene	
Uniglass	Shakil Ahmed Khan		
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly	Allen Gottlieb	
US Glass Depot LLC	Paul Huang	Harry Weng	
US Glass Tempering Inc.	Anil Kumar	Sid Dhir	
US Tempering LLC	Haidong Weng		
VA Glass, LLC.	Rodney Keatts	James Wright	
Valentini Glass & Components srl	Claudio Valentini		
Vandaglas Eckelt GmbH	Christian Eckelt		
Vetzeria F. Illi Paci	Maurilio Paci		
Vetriko S.A.	Jorge Torbay	Fernando Navedo	
Vetrodomus SpA	Frederico Casaccio	Chiara Pastore	
Vidplex Universal S.A.S	Michael Rodriguez	Daniela Garcia Avella	
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrio Duro de Mexico S.A. de C.V.	Carlos Benet Trad	Gabriel Howerton	
Vidrio Plano De Mexico S.A. DE C.V.	Prisciliano Bernal Ramírez	Santiago de la Torre García	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Viewrail	Troy Burns	David Maxwell	
Viracon Inc.	Brian Louks	Michael Schettler	
Vision En Cristal Y Aluminio SA DE CV	Jaime Salazar Guzman	Edgar Valverde Chong	
Vista Glass Corporation	Sajad Kazemeyni	Jay Patel	
Vistamatic, LLC	Kevin Roth		
Vitelsa Mosquera S.A.	Laura Luna		
Vitralum Glass Solutions Inc.	Eliben Morelos	Benjamin Morelos	
Vitre-Art C.A.B. (1988) Inc.	Nicolas Barazin	Martin Comeau	
Vitro Flat Glass, LLC (formerly PPG)	Wagner Lozano	Paul Di Cesate	
Vitrum Glass Ltd.	Tim Stewart	Michael English	Carmelita Pena
Vitrum Industries Ltd.	Tim Stewart	Carmelita Pena	
Viwinco, Inc.	Michael Duncan	Kim Hammerschmidt	
W. A. Wilson Inc.	Robert Hartong		
W.C.P., Inc dba West Coast Insulated Glass Products	Rusty Neubauer		
Washington Glass Fabrication LLC.	Rahim Wali	Gregory Mason	
Weifang Guanghua Glass Technology Co., Ltd.	Cong Lanjun	Zhang Jing	
Werkman (Shandong) Vacuum Glass Technology Co.,	Li Hongyu	Liu Yongliang	
West Seal Ltd.(AWG Northern Dist.)	Craig Leonard	Barb Szaszik	
Wexford Viking Glass Limited	Paul Murphy	Pauline Kirwan	
Whalley Glass Co	Mark Vece		
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Chet Day		
WHTB Glass, LLC	Alan Tan	Yufeng Pan	
Window Creations, LLC	Jason Buehrer	Brad Allison	
Window Technologies, Inc.	Michael Castleberry		
Wisconsin Shower Door & Supply Corp	Chuck Biesik	James Kinsey	
W-M Glass sp. zo.o.	Dariusz Monkiewicz	Rafal Wedrowski	
WMB Windows Inc.	Wendy Baron	Ivan Baron	
Wolverine Glass Products, Inc.	Rodger Ruff	Chelsie Cowles	
Woodbridge Glass Distribution Inc.	Eduardo Raposo	Simone Iezzi	
Woon-Tech Inc.	Joshua Foster		
WSD Glass, Inc.	Gary Reece		
Wujiang CSG Huadong Architectural Glass Co., LTD	Yu Jinhui		
Wutkowski Sp. Zo.o.	Marcin Mroczkowski	Aneta Grzelak	
Xiamen Shiner Glass Co., Ltd.	Anne Law	Maggie Liang	
Xianning CSG Energy Conservation Glass Co., LTD.	Yu Jiao		
Xuancheng Mingyang Glass Technology Co., Ltd.	ManLing Yin	Jiang Jian	
XYG North America Corp.	Joanne Loh	Lawrence Tao	
Yakut Cam A.S	Faith Poyraz	Murat Tuncer	
Yantai Bluesky Glass Co., Ltd	Kelly Jiang		
Yantai Dongfang Glass Co., Ltd	Xing Jinwei		
Yildiz Cam San. Tic. A.S.	Mevlude Kaynak	Gulsen Ekici	
Yin Fu (Dong Guan) Glass Co., Ltd.	Lily Chen		
Yitian (Cattis) Glass Product Co., Ltd	Xiaojun Zheng		
Yong Feng Tai Foshan City Glass Co., LTD.	Aijun Zhong		
Yorglass Endustriyel Cam Sanayi Ve Ticaret A.S.	Serap Bayram		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xu Zhengdong		
Zhaoqing CSG Energy Conservation Glass Co., Ltd	Yubin Zeng	Edwin Cao	
Zhejiang Jincheng Glass Co., Ltd.	Jin Yong Tang	Liu Peihua	
Zhejiang Pusaishi Intelligent Glass Co., LTD	Qi Luofeng	Zhang Jianjun	
Zhongli Glass Co., Ltd	Meng Qingxian		
Zhongshan Baiyi Glass Co., Ltd.	Liu Yong	Wei Liangsong	
Zhongshan Shengchang Glass Product Ltd.	Xiandao Chen		
Zhongshan Walle Glass Product Co., Ltd	Yilan Liu		
Zhongshan Xinghe Glass Co., Ltd.	Zeng Ming	Tang Zhangshu	
Zorro International Corporation	Joe He		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
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Certification Committee Chairman - Mark Cody

Member by virtue of being a director

Public Interest	William Nugent
Public Interest	Thomas Zaremba
Public Interest	June Willcott
Public Interest	Peter Weismantle
Glasstech, Inc	Norman Nitschke
Public Interest	Patrick Loughran

July 2025

Revised 10/1/2014

~PROGRAM CONCEPT~

The Safety Glazing Certification Council (SGCC®) is a non-profit corporation, established in 1971 by manufacturers of safety glazing products, building code officials, and others concerned with public safety.

The purpose of SGCC is:

- (a) To promote public safety by encouraging maintenance of the highest standards of excellence in the manufacture of safety glazing materials.
- (b) To encourage and cooperate in developing standards related to other performance characteristics of glazing products.
- (c) To plan, organize, direct, coordinate and maintain a certification program for glazing materials to assure that glazing products meet applicable standards or performance requirements adopted or approved by the Council.

SGCC® maintains a program which provides for the certification of safety glazing materials found to be in compliance with one or more of the following specifications:

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020).

Consumer Product Safety Commission Safety Standard for Architectural Glazing Materials - codified at Title 16, Part 1201 of the Code of Federal Regulations: CPSC 16 CFR 1201

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-2022

These specifications subject safety glazing materials, used in buildings and architectural products, to practical tests designed to reduce or eliminate unreasonable risk of death and injury when safety glazing material is broken by human contact.

The specification(s) to which a safety glazing material is certified by SGCC®, is at the direction of the licensee.

SGCC® responsibilities are threefold: to conduct an independent routine sampling and testing program; to approve the form of a licensee's label; and to withdraw the licensee's authority to use that label if certified products do not meet specification(s).

Management and control of SGCC® is vested in a board of directors, half representing industry and half representing the public interest. To prevent industry dominance of SGCC® actions, half the voting power of the board resides in the public interest directors regardless of the number of directors present at a meeting.

The certification program uses approved testing laboratories under the supervision of a qualified Administrator, retained by and responsible to SGCC®, who is unaffiliated with any licensee of safety glazing materials.

The licensee of a product listed in this directory has certified that the labeled material complies with the applicable specification(s). Compliance of a certified product with the applicable specification(s) is checked periodically by an approved testing laboratory under the supervision of SGCC®.

All manufacturers of safety glazing products are eligible and encouraged to apply for SGCC® certification. (See "Who Can Become a Licensee") However, products are not certified until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance, the SGCC® certification invoice is paid, and SGCC® License Agreements are properly executed.

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Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC® independently selects, at least twice in each year, samples during visits to the manufacturing plant or randomly from the market place to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s) SGCC® authorizes the continued use of the certification number and the product listing in this directory.

This directory is a list of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants. The Table of Contents lists various procedural and administrative information, as well as information as to where officers and directors may be located. Upon request, information from SGCC® concerning a statement of procedures or copies of minutes are available to manufacturers, public interest groups, and individuals. (Modified 1/2021)

PROCEDURAL GUIDE (SD-07)

FOREWORD

The acceptance of a certified safety glazing material comes from the conviction such certification assures a high level of safety and quality, and that the integrity of the identifying mark or certification label is reliably maintained by a competent certifying agency.

ANSI Z97.1, 16 CFR 1201, and CAN/CGSB 12.1 all provide sound technical basis for a high level of safety. With the addition of independent administration, plus periodic routine sampling and product evaluation, a program of product certification is maintained which provides an independent third-party certification and testing program. The Certification Program described herein is predicated upon the concept of independent and impartial administration of the certification procedures which are incorporated in the SGCC® License Agreement.

The SGCC® License Agreement is the governing document for the operation of the Certification Program. The Procedural Guide, which is not an extension of this document, is for information and guidance and serves to describe administrative procedures and to ensure the uniform and equitable operation of the Certification Program.

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

The SGCC® Certification Program is based on the conviction no standard of safety or quality is good without the continuous adherence of the licensees' certified products to that standard.

To buyers, specifiers, code officials and users, the SGCC® certification label offers the licensee assurance his safety glazing material has been produced in conformance to ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

Federal law, many state statutes, municipal ordinances, and building codes require glazing materials installed in certain defined locations comply with ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

WHO CAN BECOME A LICENSEE? (Revised 10/14/2016)

Any manufacturer of safety glazing materials is eligible, on a voluntary basis, to become a licensee. A manufacturer is the entity who fabricates, constructs, treats, or combines glazing materials with other materials to make a final safety glazing material.

WHO CONDUCTS THE PROGRAM?

The Safety Glazing Certification Council, a non-profit corporation, is the sponsor of the Certification Program. SGCC® supervises the Certification Program under which its Administrator periodically checks and reports compliance of the products having the SGCC® certification label with the requirements of ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

ADMINISTRATION

Administrative Management Systems (AMS), is the independent Administrator of the Certification Program. AMS maintains the SGCC® office of certification and conducts the routine day-to-day business. All transactions are done in the name of SGCC®.

HOW CAN YOU BECOME A LICENSEE?

The following must be accomplished before SGCC® can certify an item of safety glazing material:

- a) (i) The applicant signs the SGCC® License Agreement and emails it to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants applying on

behalf of a manufacturer must include the location and appropriate signatures of their manufacturer for each location. (Revised 9/19/2017)

(ii) The applicant must complete the SGCC® Application, which includes all of the necessary information for the safety glazing product(s) and return to SGCC®. (Added 7/1/2016)

- b) The applicant directs an SGCC® approved testing laboratory, of its own choosing, to send SGCC® one copy of a valid test report indicating the “initial” or “prototype” samples submitted for testing are in full and complete compliance with ANSI Z97.1 and 16 CFR 1201 and/or CAN/CGSB 12.1. Reports shall only be accepted directly from SGCC® Approved independent laboratories. **Test reports are valid for initial certification if the report date is within 60 days.** (Revised 9/19/2017)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/2007)
- e) If the Licensee has certified product with SGCC during the prior 24-month period and has had all products decertified by SGCC or has voluntarily decertified all products, an audit must be performed by the Administrator's representative and any corrective actions resulting from such audit resolved (Added 9/19/2017)

Having received all of the above items, SGCC® sends to the licensee the notice of product certification which includes an SGCC® certification number. This number must be incorporated into the permanent label affixed to each piece of certified safety glazing material. The certified item will be listed in the next edition of the Certified Products Directory.

QUALITY ASSURANCE PROGRAM (Revised 10/4/2018)

SGCC® requires licensees to have a working quality assurance program for the fabrication of safety glazing. Compliance to quality assurance requirements will be validated at the first plant inspection after products are certified. Adherence is verified during twice per year plant visits. These requirements were adopted to improve the overall quality and reliability of safety glazing products in the program. These requirements are in addition to the ANSI, CPSC and CAN/CGSB 12.1 compliance testing required by the SGCC® certification program. The intent is to enhance the quality of products produced in the interim production periods between test cycles. Although a quality assurance program is a fundamental element of good fabrication practices, only successful testing to ANSI Z97.1, 16 CFR 1201 or CAN/CGSB 12.1 is valid proof of compliance with these standards.

Quality Assurance Requirements:

- 1) **A Quality System Manual** – A quality manual shall be present that documents, identifies, describes and contains the workings of the quality system, and as a minimum contains the following sections:
 - a. Designated Person for Quality Assurance
 - b. Process Control (Procedures)
 - c. Production Testing
 - d. Calibration
- 2) **Designated Representative for Quality Assurance** – The manufacturer shall designate a person who is responsible for the quality system function in the manufacturing facility.
- 3) **Process Control** - The individual areas involved in the fabrication of safety glazing shall be defined. Each area shall have documented procedures.
- 4) **Production testing** – Procedures shall describe testing of regular production and shall include SGCC requirements for safety glazing products. The SGCC auditor shall 1) review historical testing records ensuring procedures were followed if failure occurred 2) witness at least one production test and 3) review the method of evaluation during twice per year visits. When samples are not available, the manufacturer shall describe to the auditor how production testing is performed. Where ANSI or ASTM test methods are referenced below, other like national or internationally accepted test methods (for example EN 12600) are acceptable. Records of testing shall be maintained for a minimum of 10 years. See "Guidance for the SGCC® Quality Assurance Production Testing for additional information and a list of Suitable Alternatives available at <https://www.sgcc.org/more-info/miscellaneous->

[forms-and-information\)](#)

- a. Tempered – ANSI Z97.1 Center Punch¹ and/or Impactor¹ Test - As a minimum, testing shall occur on the first of each product thickness per shift. Additional testing may be appropriate.
 - b. Laminated – ASTM F3007¹ and/or ANSI Z97.1 Impactor Test - During regular production periods, a minimum sample collection shall be performed weekly, and actual testing occur at least monthly. Sample collection must be traceable to specific production runs. For ASTM F3007 testing, sampling and testing shall occur as a minimum on the thinnest product(s) produced. Evaluation shall occur and drop height selection as a minimum shall be in accordance with ASTM F3006.
 - c. Products other than Tempered or Laminated - Testing procedures shall be established and accepted by the SGCC Administrator.
- 5) **Calibration** - Test equipment used in the quality inspection process must be working properly and accuracy assured. Equipment shall be 1) identifiable, 2) records of the calibration maintained, and 3) a method shall exist for monitoring at least an annual calibration.

HOW THE CERTIFICATION PROGRAM WORKS (Revised 10/1/2020)

Safety glazing materials must meet or exceed the applicable specification(s) before they can be certified by SGCC®.

After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. In consideration of public health concerns one or both of the twice per year audits can be conducted virtually. During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.

All tests are conducted by SGCC® approved testing laboratories. All laboratories, whose test reports are utilized by the Certification Program, shall be approved by the SGCC® Certification Committee. Initial or prototype tests are performed at an approved testing laboratory selected by the licensee. An approved testing laboratory selected with the concurrence of the Administrator by the licensee, tests routine evaluation samples.

ADMINISTRATOR AUTHORIZES CERTIFICATION

As sole judge of compliance with the applicable specification(s), the Administrator authorizes a product, which has been approved to be listed in the Certified Products Directory (CPD).

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches (34”x76”) is the size of the initial or prototype test sample, certification is extended to all sizes and the permanent label contains the letter “U”, designating unlimited size. The letter “L” contained within the permanent label denotes certification is limited to the width and length of the initial or prototype test sample.

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY (Revised 10/14/2016)

Approved products are listed in a Certified Products Directory (CPD). The directory is published every six months and is sent to door, sash and building products manufacturers, glazing contractors, home builders, architects, regulatory agencies, code-making groups, etc. Directory listings contain the licensee’s name, plant location, and product description of safety glazing material certified by SGCC®.

¹ Please contact SGCC at SGCC@amscert.com or visit the SGCC website (<https://www.sgcc.org/more-info/miscellaneous-forms-and-information>) for additional information including equipment details and purchasing options for this equipment.

The Administrator selects, at least twice in each year, samples of certified safety glazing material to be tested to the applicable specification(s). These samples are selected during visits to the manufacturing plant or from the marketplace.

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED (Revised 11/4/2015)

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable test specification(s), is upon first failure, subject to the retest requirements of guideline G.11. Should the G.11 retest fail to comply, the product shall be subject to the removal of certification. After the 2nd consecutive failure, the licensee is given 7 days in which to demonstrate to the satisfaction of the Administrator compliance, and if not, certification is automatically withdrawn at the end of the 7-day period.

When any program, audit or quality assurance requirements are found to be in non-compliance, the licensee is sent a request for corrective action giving 30 days in which to demonstrate to the satisfaction of the administrator, compliance with requirements. If the licensee does not respond, a warning of possible removal of authorization to use the SGCC® permanent label is sent giving an additional 30 days to respond. If the licensee does not respond acceptably, authorization to use the SGCC® permanent label is **automatically terminated** at the end of the second 30-day period. (Revised 11/4/2015)

CHALLENGING A CERTIFIED PRODUCT (Deleted 10/1/2014)

COMPLAINTS AND/OR APPEALING A CERTIFIED PRODUCT (11/03/2015)

Negative feedback, from any source, on any aspect of the certification program or program administration that requires a response will be deemed a Complaint that requires a response. A complaint that challenges the conformance of any safety glazing product to program requirements shall be deemed an Appeal, whether by a licensee or by a consumer or other third party. Complaints or Appeals must be in writing and are first handled by the Administrator following the below procedure:

- 1) Complaints and Appeals are logged for tracking.
- 2) Notification of receipt and of the Complaint and Appeal process is sent to the initiating party.
- 3) Information from all involved parties is gathered.
- 4) All information is reviewed, and a determination is made by the Administrator.
- 5) Notification is sent to all involved parties of the outcome.
- 6) All Complaints and Appeals are reviewed in a timely fashion and once resolved are marked as such.

To help determine how to best handle a Complaint or Appeal, they may be categorized by the type of party initiating the Complaint or Appeal, either from a Business (i.e., licensee, competitor, or industry party), Consumer (i.e. end user or retailer), or Program Participant (i.e. participant, supplier, or licensee). The Administrator will discuss and work with the initiating party to determine coverage of costs associated with handling the Complaint or Appeal (this can be waived at the discretion of the Administrator or SGCC President). Once costs are agreed upon, the Administrator will investigate and make a determination. If the Administrator's determination is in favor of the complainant or appellant, then any costs associated will be borne by the involved licensee, SGCC, or the Administrator. If the Administrator disagrees with the complainant or appellant, then the initiating party is responsible for any costs.

Determinations by the Administrator can be contested and if they are, the matter will be sent to the SGCC Quick Action Committee for determination. If the Quick Action Committee's determination is contested, then the matter is sent to the Certification Committee for final determination and resolution. No further appeal is permitted from the decision of the Certification Committee.

WITHDRAWAL OF CERTIFIED PRODUCT

Any product which has been certified by SGCC®, may be voluntarily withdrawn from the Certification Program by a licensee at any time. See G.23 for more information.

COSTS

WHAT DOES THE PROGRAM COST?

The licensee pays, in advance, all projected fees for future routine evaluations to SGCC® on a six-month basis. A licensee is invoiced for each certified item separately listed in the Certified Products Directory.

The certification period is from January 1 - June 30 or July 1 - December 31. The licensee's initial invoice will be determined by the payment schedule as is listed below. All subsequent invoices will be for a full certification period.

<u>DATE</u>	<u>ADMINISTRATIVE/BUSINESS ACCOUNT FEE</u>	<u>TEST FEE</u>
January 1 - March 31	100%	None
April 1 - June 30	50%	None
July 1 - September 30	100%	None
October 1 - December 31	50%	None

Test reports are valid for initial certification if the **report date is within 60 days**. (Revised 11/4/2015)

Initial certification during the first three months of the initial six-month period will require a selection in the first three months of the following six-month certification period.

CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS

LICENSE AGREEMENT

This agreement, incorporating independent program administration and routine periodic independent sampling and evaluation, governs the relationship between SGCC® and the licensee.

Future amendments or revisions to the License Agreement will be recommended by the SGCC® Certification Committee and enacted by the SGCC® Board of Directors.

EFFECTIVE DATE, DURATION AND TERMINATION

The License Agreement, effective from the date of its execution, has a validity of six months (adjustable to a January 1 to June 30 or a July 1 to December 31 basis) and, unless revoked by SGCC® for causes set forth in the document, is automatically renewed for successive additional periods of six months, unless either party gives notice at least 60 days prior to the date of expiration that cancellation is requested.

Upon its proper execution and acceptance by SGCC®, the Pre-issued Certification Number Bond (SD-06) informs a licensee of the certification number of an item to be certified in the future. If the licensee marks production with the certification number prior to actual certification, the bond is forfeited to SGCC®.

Upon its proper execution and acceptance by SGCC®, the test release bond permits the continuation of certification of an item when production facilities are shut down. If the licensee does not notify SGCC® within one week of the resumption of production, the bond is forfeited to SGCC®.

ADMINISTRATIVE SERVICE AGREEMENT

This agreement entered into by SGCC® and AMS governs the relationship between SGCC® and AMS, the independent Administrator. In general, it provides that the Administrator

- a) samples certified products routinely;

- b) has the right to witness any and all testing required by the program;
- c) reviews all test reports in order to determine compliance of the certified product with the applicable specification(s);
- d) inspects and approves all in-plant and test laboratory test facilities for use in this Certification Program (test laboratories are approved by the SGCC® Certification Committee);
- e) publishes (hard copy and/or electronic) the SGCC® Certified Products Directory on or about January 1 and July 1 of each year;
- f) handles all routine clerical duties of SGCC® with respect to certification matters;
- g) acts as SGCC® treasurer, invoices licensees, maintains a bank account, and disburses funds (fiscal reports are made to the SGCC® Certification Committee);
- h) furnishes all testing, except for initial or prototype tests;
- i) attends all scheduled meetings of the SGCC® Certification Committee; and
- j) in all of its actions, acts in the name of SGCC®.

CERTIFIED PRODUCTS DIRECTORY

This directory contains a listing of the certified safety glazing materials of each licensee.

CERTIFICATION LABEL

The certification label, containing a number that refers to the listing in the Certified Products Directory, is permanently affixed to each piece of certified safety glazing material by the licensee. The listing in the directory provides a complete product description including licensee's name, location, etc.

PROGRAM RESPONSIBILITY

The SGCC® Board of Directors has overall responsibility for the well being and acceptance of the Certification Program by industry, building officials and the public. It also bears corporate legal responsibility.

The SGCC® Certification Committee has the responsibility for the general procedure and policy pertaining to the conduct of the Certification Program. As a part thereof, it:

- a) establishes certification "guidelines";
- b) determines, where a question is raised by a licensee or the Administrator, the applicability of the specification(s) in specific situations;
- c) approves testing laboratories;
- d) determines which specifications are to be designated effective for the purposes of product certification and the date or dates on which they become effective; and
- e) recommends to the SGCC® Board of Directors changes to be made in the license agreement.

CERTIFICATION GUIDELINES AND INTERPRETATIONS

For guidance in certifying safety glazing materials, the SGCC® Certification Committee has adopted the following:

GENERAL

G.1

Participation in the Certification Program will be on a January 1 to June 30 and July 1 to December 31 basis.

G.2

Tests for initial compliance of safety glazing materials to ANSI Z97.1 / 16 CFR 1201 plus CAN/CGSB 12.1 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 7/1/2016)

G.3 (Deleted 11/4/2015)

G.4

For insulating glass units to be considered safety glazing material, each lite in the construction (double pane or multi-pane assemblies) must be of safety glazing material. (Modified 10/5/2022)

G.5

The SGCC® number, when used as part of a permanent label, designates the name of the licensee (participant) and also the location of the manufacturing plant.

G.6

- a) All test specimens, except prototype samples, must be marked with the correct SGCC® permanent label prior to testing in order to be considered a valid sample. It is the responsibility of the licensee to ensure the specimens being represented to the Administrator's representative are properly labeled. The Administrator shall construe the absence of a correct permanent label as a failure to comply with the specifications. In such case of noncompliance, Sections a and c of G.11 shall be followed. (Revised 3/16/1990, updated 10/2/2014)
- b) The laboratory shall verify that the label complies with SGCC® labeling requirements. (Revised 10/15/2008)
- c) The testing laboratory is to advise the Administrator of any specimen to which the correct SGCC® permanent label is not affixed. The testing laboratory will be instructed by the Administrator not to test but hold the sample.
- d) The Administrator will inform the licensee of the situation and direct (by letter) the testing laboratory to commence testing no later than 30 days hence. Although this set of samples will already be considered as noncompliant with label requirements, test specification testing will still occur for information only, unless otherwise requested not to be tested by the licensee. Until that time, the testing laboratory is instructed to make these specimens available to the licensee at their convenience (the specimens are to remain at the testing laboratory) in order that the licensee may point out or show them that in fact the SGCC® permanent label is correct or agree that in fact the correct SGCC® permanent label is not present. In cases of any dispute between the licensee and the testing laboratory the decision of the Administrator shall be final. The licensee shall not mark specimens after receipt at the testing laboratory.
- e) Effective with the last of 2016 (L16) certification period, the SGCC® permanent label, if looking to certify ANSI, must contain ANSI Z97.1-2015 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 7/1/2016)

G.7

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 4.4 (impact tests) and 5.4.3 (aging tests) of ANSI Z97.1 irrespective of the composition or construction of the glazing material. Like products and materials produced in the same manner as samples

submitted for test shall be legibly and permanently marked in one corner with the words "Indoor Use Only" and the SGCC® identification number (section 6.3.1).

G.8 (Deleted 4/29/2010)

G.9 (Deleted 7/1/2016)

G.10 (Revised 12/7/2018)

In cases where the Administrator samples and identifies specimens for routine evaluation of the licensee's premises or requests licensee's samples when none are available at the time of sampling:

- a) The licensee is permitted six (6) weeks in which to effect delivery of said specimens to the Administrator's designated testing laboratory. For laminated glass, specimens must be the thinnest interlayer, [and the thinnest product configuration certified for each generic interlayer category](#). (Revised 9/13/2023)
- b) Failure to act as specified above shall be construed by the Administrator as failure of said specimens to comply with the specifications and the Administrator shall act as provided for in license agreement A.6.

G.11 (Revised 10/2/2014)

In cases where a routine evaluation sample fails to comply with the specifications:

- a) Written notice and an invoice shall be sent to the licensee by the Administrator stating that within 30 days from the date of such notice the licensee must submit a retest (RT) sample to the testing laboratory selected by the licensee with the concurrence of the Administrator.

Certification shall be removed if the sample and payment are not received within the allotted 30 days or if the sample submitted fails to comply with the specifications.
- b) All costs related to G.11 are to be borne by the licensee.
- c) If the retest procedure is required, all routine inspections and sample selections will continue. However, routine testing for the next period will be suspended pending the outcome of the retest procedure. If the product is decertified, the prepaid fee for routine testing for the next period (but not the Administrative and Contingency fees) will be refunded.

G.12

If a licensee who manufactures or contracts for the manufacture of a certified product outside the United States and Canada feels that in a particular instance that he will be unable to act as provided for in paragraph (a) of SGCC® Guideline G.11, he should notify the Administrator. The Administrator will then contact the chairman of the certification committee for a decision as to what action is to be taken.

G.13 (Deleted 5/6/1999)

G.14

The semi-annual invoicing date for certification fees shall be April 1 and October 1 of each year and the Administrator is instructed to take those steps necessary to remove certification from licensees for failure of payment. (Modified 10/20/1989)

The Administrator shall initiate de-certification procedures on products for a given licensee's failure to pay any monies due to SGCC® within 60 days of invoice date. (Reference License Agreement A.2, A.7, A.12, and B.6.)

The invoice procedures will be as follows:

- a) Semi-Annual SGCC® invoices will be mailed/emailed on or before April 1 and October 1 of each year. Payment is due May 1 and November 1 respectively.

- b) For all overdue invoices, as of May 1 and November 1, a phone call will be made as a reminder and to ensure that the licensee received the invoice. An email will follow the phone call.
- c) For all overdue invoices, as of May 15 and November 15, an email will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent fifteen (15) days from the warning notification if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and all of its certified products will be de-certified and will not appear in the CPD.

G.15 (Deleted 10/2/2014)

G.16

The nominal thickness designations in SGCC® authorized permanent labels for **tempered** safety glazing materials may be shown in metric units. The thickness will be expressed in millimeters, limited to one decimal place, and will have the suffix "mm." (Revised 9/13/2023)

G.17 (Deleted 7/1/2016)

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, rigid plastic, or organic coated glass, may be cut into smaller pieces by a distributor or installer after manufacture and it is not practical for each smaller piece to bear a manufacturer's permanent label when finally installed in a building. When this is the case, the distributor or installer shall apply a permanent label to each piece which states his name and certifies that he cut the piece from material that was properly labeled in accordance with the requirements of SGCC® (refer to "SGCC® Label Requirements" for additional information). (Revised 10/25/2001) For the purpose of this guideline, a permanent label is defined as one that will remain permanently legible and would be destroyed in attempts to remove it from the product.

G.19 (Deleted 10/20/1989)

G.20 (Deleted 4/26/2007)

G.21

A pre-issued SGCC® certification number shall be issued by the Administrator upon receipt of a properly executed License Agreement and a properly executed *New Licensee Application & Pre-Issued Number Form (SD-06)* (application). The application must be completed for any new safety glazing product(s) (prototype) the fabricator submits for testing. If the fabricator requests pre-issued certification number(s) and does so with the understanding that these numbers (SGCC Mark/label) will not be applied to any product(s) until authorization to do so by SGCC®. The fabricator will not be authorized to use the number(s) until testing, final approval and formal certification is complete. (Revised 7/1/2016)

G.22

In the case of plastics and organic coated glass certification of a patterned product may be extended to cover other patterns provided:

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The Administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1 for each alternate pattern proposed.
- c) The certification committee is provided with a 6 inch by 6 inch sample of each proposed alternate for its record and file. This must be sent to the Administrator of the certification program.

After admission under blanket certification covering patterned products, any such patterns available may be selected by the Administrator for routine sampling and testing.

In the case where a routine evaluation sample covered under a blanket certification fails to comply with the specifications, the situation requires that the particular product be submitted for the retest (RT) sample required by Guideline G.11. (Revised 7/1/2016)

G.23

There may be instances when a production facility is temporarily inoperative. This could be caused by, but not limited to, equipment repair or replacement, labor difficulties, energy or material shortages, or economic considerations. Consequently, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period by applying for inactive (IN) status. This shall be done as follows:

- a) Prior to or within two (2) weeks after the shutdown, the licensee shall inform the SGCC® Administrator in writing.
- b) The SGCC® Administrator will immediately supply the licensee with test release bond forms (SD-23) for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within two (2) weeks, after receipt of the bond forms, the licensee shall submit them to the SGCC® Administrator.
- d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)
- e) Within one (1) week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator in writing, and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G.24

When a licensee's production equipment will not produce a size of 34 inches by 76 inches and the licensee wishes to certify a) a size whose smaller dimension exceeds 34 inches, material shall be tested whose smaller dimension is 34 inches, or b) a size whose larger dimension exceeds 76 inches, material shall be tested whose larger dimension is 76 inches.

G.25 (Deleted 7/1/2016)

G.26

Any label that can be removed intact shall not be considered permanent and is not acceptable to SGCC®.

G.27

A licensee at time of prototype submission should determine if certification shall be for ANSI / CPSC (Composite) OR Composite plus CAN/CGSB 12.1 (COMP+CAN). The licensee shall be issued only one SGCC® number for composite certification for each product. The licensee will submit four (4) samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 (for all specimens that are not symmetrical from surface to surface an equal number of specimens shall be impacted on each side). If any one specimen of the composite sample fails, the entire composite sample will be considered to have failed to comply with the standards. (Revised 7/1/2016)

G.28

The Administrator shall construe noncompliance with thickness tolerance as a failure to comply with the specifications. In such cases of noncompliance, Sections a, b and c of G.11 shall be followed. (Revised 10/2/2014)

G.29

For the purposes of certification, the thickness requirements of Standard ASTM C1036, CEN or other nationally or internationally recognized thickness specifications shall apply. In all cases label information must be accurate for the nominal thickness of the applicable Standard. An indicator shall be used to identify Standards other than ASTM C1036 (e.g., EN for European Norm). If no indicator is used, the product will be assumed to comply with ASTM C1036. (Revised 10/15/2008) (See *Certified Products Key*)

G.30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (Deleted 7/1/2016)

G.33

If a manufacturing plant for which a product is certified is sold, the new owner or licensee must take the following steps to maintain certification:

- a) Notify the Administrator in writing of the sale as soon as possible (and in no event later than 60 days) after the sale;
- b) Execute a new license agreement, if the new owner is not already a licensee; and
- c) Exercise the option of maintaining the original licensee's SGCC® number(s) or requesting new numbers. If the new owner chooses to keep the existing number(s), the logo on the certified product must clearly distinguish it from the previous owners.

The Administrator shall arrange for the next routine sampling to take place within six (6) months of the sale. If the plant is temporarily inoperative in connection with the sale, the provisions of G.23 shall also apply.

G.34

Samples of any shape or shape altering process such as notches or holes shall be covered by the certification of the base rectangular product. Certification to "U" unlimited size may be any size. Certification to "L" limited size requires that the shape must fit within the outline of the largest certified size. (Added 4/26/2007)

G.35

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made/fabricated. An SGCC Licensee shall notify SGCC prior to a plant's physical relocation. Relocation requires certification as a new plant and will require new SGCC numbers and testing at the new plant prior to granting of the new certification. Consistent with the SGCC License agreement and procedural guide, fabrication and labeling must occur at the same facility. (Added 10/10/2019)

CERTIFICATION OF TEMPERED COATED GLASS (Added 9/29/2021)

In order to SGCC certify tempered glass with a metalized coating (MC) that is applied to annealed glass prior to tempering (reflective, Low E, other), test results for the MC glass must be initially provided to SGCC. MC testing must then occur at least annually thereafter to maintain the MC designation for a particular thickness of product. Testing of MC product will satisfy SGCC regular testing requirements (likely one MC test and one non-MC test annually). Certification of an MC product shall cover coated and non-coated product of a given thickness. See Guideline T.3 for further clarification.

Testing shall be with a sputter coating (soft coat) or a pyrolytic (hard coat), at the discretion of the SGCC Licensee. Testing of any coated product shall cover all coated product. During regular twice per year

inspections SGCC shall document the generic class of coating to submit (Sputter or Pyrolytic). The plant shall ship product with the coating identified (as a minimum 'Soft Coat' or 'Hard Coat') (likely by paper label), and the testing laboratory shall measure/validate the coating with the use of a coated glass meter (List of acceptable meters available in the SGCC Laboratory Manual). The presence of a coating shall be included in the SGCC test report.

Listings (certifications) for Tempered coated glass shall begin with the July 1st, 2022 certification cycle (L22).

TEMPERED TRANSPARENT GLASS

T.1

Certification of either flat glass or patterned glass will not cover the other except as noted in Guideline T.2. (Flat glass designates ground and polished plate, float and sheet glass.) (Revised 7/1/2016)

T.2

Polished plate glass and the rough glass blank from which it is produced will be considered to be of equal nominal thickness. Certification of tempered flat glass will therefore be interpreted as including tempered rough plate blank.

T.3

Certification of non-coated tempered glass will also cover the items below, of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate.

- Tinted
- Non-metalized surface coating (such as ceramic material applied as a continuous or partial coating to one or more surfaces)
- Post tempered metalized coating

A "substantial alteration" is one that would render the tempered glass in non-conformance with the applicable safety glazing standards. For SGCC certified tempered glass with a metalized coating (MC), as defined in section Certification of Tempered Coated Glass, the metalized coated product must be tested initially and then at least annually thereafter. An SGCC "MC" designation per nominal thickness will be authorized for product in compliance. Products with the MC designation shall cover coated or non-coated product. See section **Certification of Tempered Coated Glass** of the procedural guide. (Revised 9/29/2021)

T.4

In cases where certified glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production, and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six (6) weeks.

T.5

Certification of any nominal thickness of tempered safety float or sheet glass will also cover the other types. ANSI Z97.1, 16 CFR 1201 and CAN/CGSB 12.1 do not require the permanent label on tempered safety glass to specify which type of glass is used. Nor is it required that the test specimens be identified in this regard. (Revised 10/10/2012)

T.6

Bent Glass shall be certified separately from flat glass. Bent glass test methods shall be the same as for flat sample testing except as referenced in the text and figures of the ANSI Z97.1 standard. Interpretation of results shall be the same. (Revised 10/21/2005)

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon

successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, grooving, and acid etching as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product.) (Revised 10/01/2002)

TEMPERED PATTERNED GLASS

TP.1

For the purposes of certification, the nominal thickness of patterned, figured, or rough rolled glass are the common fractions found in ASTM C1036 or other nationally or internationally recognized thickness standards and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036 or other nationally or internationally recognized thickness standards. (Revised 7/1/2016)

The patterns in each thickness will be classified as to the ratio of minimum to maximum thickness as follows:

<u>Patterned Depth Class</u>	<u>Ratio</u>
Shallow patterned glass	0.90 or above
Medium patterned glass	0.80 through 0.89
Deep patterned glass	0.79 or below

Certification will be by nominal thickness and patterned depth class. Any pattern in a certified thickness and patterned depth class is certified.

New or unlisted patterns must be submitted to the pattern subcommittee for classification and file prior to certification. After measurement, the new pattern will be assigned to a patterned depth class. (See *Classified Tempered Glass Patterns Key* table in this directory).

Certification of deep also covers medium and shallow patterns of the same nominal thickness.

Certification of medium also covers shallow patterns of the same nominal thickness.

TP.2

The maximum thickness shall be recorded when measuring the thickness of patterned glass.

TP.3

For tempered patterned glass, one (1) specimen must be weighed and the weight of ten (10) square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4 (Deleted 10/5/2004)

TP.5

When medium patterned glass is not available for routine sampling, the licensee submitted specimens must be a medium pattern (a shallow pattern is not acceptable).

TP.6

When deep patterned glass is not available for routine sampling, the licensee submitted specimens must be a deep pattern (shallow or medium patterns are not acceptable).

LAMINATED GLASS

Per minute of the October 4-5, 2022 SGCC Certification Committee Meeting, [New](#) Laminated Certification Guidelines were approved. SGCC presented an updated summary of these changes at the September 2023 SGCC Certification Committee meeting, where they were approved with an implementation schedule starting the second half of 2024 (July 1, 2024). Please see the following memos for additional information: [2023.8.28 SGCC Announcement of Upcoming Changes to Laminated Certification](#) and [2023.10.30 SGCC Changes following the September 2023 Certification Committee Meeting](#).

As of July 1, 2024 **ALL** Laminated guidelines formerly included in the SGCC Procedural Guide have been moved to the [Guidance for the SGCC Certification of laminated Glass](#) (found on the SGCC website). Therefore L.1 – L.11 have been “Removed”.

- L.1 (Moved to SGCC Guidance document 7/1/2024)
- L.2 (Deleted 12/7/2018)
- L.3 (Deleted 4/2/2008)
- L.4 (Deleted 12/7/2018)
- L.5 (Moved to SGCC Guidance document 7/1/2024)
- L.6 (Moved to SGCC Guidance document 7/1/2024)
- L.7 (Moved to SGCC Guidance document 7/1/2024)
- L.8 (Moved to SGCC Guidance document 7/1/2024)
- L.9 (Deleted 12/7/2018)
- L.10 (Moved to SGCC Guidance document 7/1/2024)
- L.11 (Moved to SGCC Guidance document 7/1/2024)

WIRED GLASS (ANSI ONLY)

- W.1 (Deleted 11/4/2015)

PLASTICS - GENERAL (ANSI Only)

P.1

Certification of one tint or color of rigid plastic will also cover other tints, colors, flat configurations, or bent and formed configurations.

P.2

For certifying all plastics covering a range of thicknesses, prototype impact tests are required of the minimum thickness and also of the maximum thickness (except that 0.250 inches thickness would be tested if the maximum thickness exceeds 0.250 inches). Only one certification number will be issued and shall be marked upon all thicknesses. Routine evaluation samples are to be selected by the Administrator from any of the certified thicknesses.

P.3

The following thickness tolerances shall be used for certification purposes:

- Outdoor use plastic materials Categories C-1 and C-2 cast Acrylic, (including continuously cast sheet): As specified in ASTM-D4802-16, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-16 Table 2 plus or minus five percent.
- Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.
- Indoor use plastic materials plus or minus five percent of nominal thickness.

P.4

The maximum thickness shall be recorded when measuring the thickness of patterned plastics.

P.5

Certification of either smooth plastic or patterned plastic will not cover the other.

PLASTICS - EXTERIOR USE (ANSI Only)

PE.1 (ANSI ONLY)

Sheet plastics for exterior use must comply with the applicable specification.

PE.2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1 weathering tests (section 5.4) provided that a considered expert opinion states that the infrared spectrogram indicates that the plastic is an acrylic or UV, inhibited polycarbonate of proven weatherability. Certification shall be removed if compliance with the weathering test is not demonstrated within six months of the certification date.

PE.3

For all plastics requiring UV weathering tests, an infrared spectrogram shall be obtained of all prototype weathering specimens. An infrared spectrogram shall be obtained of all routine evaluation samples and shall be compared with that of the prototype in lieu of conducting weathering test. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

PE.4

When initial Charpy unnotched specimens do not break, then notched specimens shall be used for both initial and exposed Charpy impact testing. The specimens shall be notched prior to UV exposure and the notched surface shall be exposed to the UV.

PLASTICS - INDOOR USE ONLY (ANSI ONLY)

PI.1

Sheet plastics used in indoor applications only do not have to comply with paragraph 5.4.1 of ANSI Z97.1 (UV Weathering) but must comply with paragraph 5.4.3.

PI.2

The permanent label authorized by SGCC® must include "Indoor Use Only."

PI.3

For all indoor plastics requiring aging tests, an infrared spectrogram shall be obtained of all prototype aging specimens. An infrared spectrogram shall be obtained of all routine re-evaluation samples and shall be compared with that of the prototype in lieu of conducting aging tests. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

LEADED PATTERNED ANNEALED GLASS – (ANSI ONLY)

LG.1 (Deleted 4/26/2007)

LG.2 (Deleted 4/26/2007)

LG.3 (Deleted 4/26/2007)

ORGANIC COATED GLASS

AG.1

Thickness of the applied plastic coating shall be measured by the SGCC® standard method. When testing to the impact test criteria in CPSC 16 CFR 1201.4 and/or ANSI Z97.1-2015, four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/1993).

AG.2

The SGCC® authorized permanent label, which complies with Guideline G.26, must be imprinted upon or applied to a surface of the plastic for all plastic-coated annealed glasses.

AG.3 (ANSI ONLY)

Prototype tests shall be conducted on bent specimens of the surface area at least 50 percent of the maximum size for which certification is desired. Routine tests may be conducted on flat or bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side for the curved edges. Two specimens shall have organic coating on the concave surface and two on the convex surface. Impact shall be on the convex surface.

AG.4

For certification to ANSI Z97.1, weathering tests on organic coated glasses shall be performed on the thinnest construction of all components in clear glass with clear plastics. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. organic coating manufacturer.

VACUUM INSULATING GLASS (VIG)

See 2017.10.31 "VIG ANSI Interpretation and Information" memo on www.sgcc.org (<https://www.sgcc.org/memos>) or contact the SGCC office. VIG Tempered and Laminated are certified to the following types: VIG Tempered (VIGT), VIG Laminated (VIGL) or VIG Tempered Laminated (VITL) are each tested and certified separately. One will not certify the other.

CHEMICALLY STRENGTHENED SAFETY GLASS (CSSG)

See most recent "ASC Z97 Technical Interpretation (TI-2018.1017.001)" at www.sgcc.org or contact the SGCC office.

SGCC® ADVERTISING GUIDELINES

The following concepts are important to remember if you are a participant or licensee in the SGCC Certification Program or a distributor of safety glazing materials. This discussion is intended to provide you with an accurate background description of the SGCC Certification Program to help you avoid making possibly misleading, deceptive, or ambiguous statements regarding the program in the advertising of your products.

1) SGCC is a non-profit organization that maintains a third-party certification program which provides for the certification of safety glazing materials found to be in compliance with either ANSI Z97.1-2015 (R2020) or 16 CFR 1201 or both, or both plus CAN/CGSB 12.1. Products are not certified by SGCC unless and until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance and the license contract requirements are met. (Revised 10/10/2012)

2) Once certified by SGCC, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC independently selects, at least twice in each year, samples from the manufacturer or from the marketplace to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s), SGCC authorizes the continued use of the certification number and its listing in the SGCC's Certified Products Directory.

The use of the prominent etching of the SGCC stylized logo () may misleadingly make it appear as if SGCC is the source of the glazing material and therefore is not permitted as part of the SGCC certification label.

3) To maintain certification, SGCC also requires licensees to have a working Quality Assurance program for the fabrication of safety glazing materials. Compliance to QA requirements is validated at the first SGCC plant inspection after products are certified, and adherence is verified thereafter at each twice per year plant visit.

4) To buyers, specifiers, code officials, and users, the SGCC certification label offers the licensee assurance that its safety glazing material has been produced in conformance to ANSI Z97.1-2015 (R2020), 16 CFR 1201 and/or CAN/CGSB 12.1. (Revised 10/10/2012)

5) The SGCC Administrator audits laboratories and checks their equipment, audits licensees' production and fabrication of specimens, and validates test reports and certification claims. The Administrator periodically checks and reports on compliance of the products having the SGCC certification label with the applicable specification(s).

6) SGCC-approved laboratories test specimens to specific test methods and specifications referenced by SGCC.

7) SGCC does not have "members" insofar as the term "members" connotes that some detailed criteria must be met in order to participate in the organization. Under the SGCC by-laws, any person or organization (other than a glazing manufacturer) that has a legitimate interest in the purposes of SGCC may become a participant. Manufacturers, on the other hand, become participants by virtue of executing a License Agreement with SGCC. Any manufacturer of safety glazing may voluntarily enter into a License Agreement with SGCC, provided that they intend to certify at least one product under the SGCC Certification Program. Thus, the proper term to use for a manufacturer is "participant" or "Licensee."

8) The following are examples of possible advertising language that licensees might wish to use:

- a) Our company is a licensee of the Safety Glazing Certification Council (SGCC).
- b) We submit our tempered/laminated glass products for certification through the SGCC program.
- c) Our tempered/laminated glass products that are certified by SGCC as meeting the SGCC certification program are listed in the SGCC's Certified Products Directory.
- d) Our tempered/laminated glass products that are certified by SGCC are indicated by the SGCC logo and certification number permanently marked on our products. (Added 10/26/2010)

9) **ANAB Disclaimer

Although the SGCC Program is ANAB-accredited and uses the ANAB accreditation symbol on its publicity material the SGCC-certified Licensee cannot use the ANAB trademark nor the ANAB accreditation symbol, this includes its products, packaging, stationary, letterhead, or any other form of media.

SGCC® LABEL REQUIREMENTS (Revised 7/1/2024)

GENERAL

Unless the SGCC® certification label is permanently affixed to each piece of safety glazing material, it is not covered by the SGCC® certification program, and unless a specific standard (ANSI, CPSC, CAN/CGSB) is included in the label, the product is not certified to that standard. (Revised 10/10/2012))

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2015 and/or 16 CFR 1201 and/or CAN/CGSB 12.1 (and category), the nominal thickness (**tempered only**), (see SGCC® Guideline G.29 for international thickness standards), the letter U or L indicating certified size and the ANSI impact class (A or B). (Revised 7/1/2016)

SGCC® participant, for laminated glass, are no longer required to include the thickness on the label. (Revised 7/1/2024)

These requirements are minimum requirements for SGCC® Certification. It is the licensee's responsibility to determine if other jurisdictions, standards, and codes have additional requirements such as type of glass. (Revised 10/17/2007)

For labeling purposes, a **line of demarcation** shall separate those specifications covered by the SGCC® number from any other specifications the licensee may wish to reference. For laminated products used in "Indoor Use Only" applications where no weathering data is on file with SGCC, the permanent label must include "Indoor Use Only." The SGCC® number can be used to identify both the "supplier" and "place of fabrication". Refer to SGCC® Guideline G.5 (Revised 10/21/2005)

The permanent label must be affixed to certified products ONLY at the time and place of manufacture (except for situations covered by Guideline G.18 and as stated below.) (Revised 10/25/2001)

EXAMPLES OF LABELS CERTIFIED TO ALL THREE STANDARDS

<u>In inches</u>	<u>In mm</u>	<u>Laminated example</u>
ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)
16 CFR 1201 II	16 CFR 1201 II	16 CFR 1201 II
ANSI Z97.1-2015	ANSI Z97.1-2015	ANSI Z97.1-2015
CAN/CGSB 12.1-2022	CAN/CGSB 12.1-2022	CAN/CGSB 12.1-2022
1/4 U A SGCC 9999	6mm U A SGCC 9999	U A SGCC 9999

SGCC should precede the number within the permanent label.

Labeling of Cut Sheet Safety Glazing (refer to Guideline G.18) (Added 10/25/2001)

When a distributor or installer wishes to include the SGCC® label on pieces of safety glazing cut from properly fabricated, labeled, and SGCC® certified product, the following shall apply:

- 1.) The designation "C/F" for "Cut From" shall appear in front of the SGCC® number.
- 2.) The distributor or installer must have written permission to do so from the primary SGCC® certified producer. This written permission should address such issues as label accountability and application, differentiation between multi-source suppliers and a time frame or scope of labeling.
- 3.) Since SGCC® shall have no formal relationship with the distributor or installer, proper application and use of the SGCC® label shall be the responsibility of the SGCC® licensee producing the product.
- 4.) If the SGCC® label is not used, SGCC® has no jurisdiction.

EXAMPLES

SGCC® Licensee or Primary Producer

Company ABC (optional)
Laminated Glass (optional)
ANSI Z97.1-2015
16 CFR 1201 CII
SGCC 9999 U A

Authorized Distributor or Installer

Company XYZ (optional)
Laminated Glass (optional)
ANSI Z97.1-2015
16 CFR 1201 CII
C/F SGCC 9999 U A

The permanent label must be affixed ONLY to safety glazing materials of the licensee which are certified in the SGCC® certification program.

The permanent label must not be sold, transferred, or otherwise disposed of in any manner other than being affixed to the licensee's certified product.

The permanent label must NOT be affixed to any product from which certification has been withdrawn or which is produced with a process basically different from the one used to manufacture the initial or prototype samples.

ANSI ONLY LABEL

"After having successfully passed the appropriate tests in this standard, like products and materials produced in the same manner as specimens submitted per test shall be legibly and permanently marked with a label."

Label Content.

The label shall contain the following information:

- 1) Supplier's name, distinctive mark or designation.
- 2) The words "American National Standard Z97.1-2015" or the characters "ANSI Z97.1-2015."
- 3) Classification of test size (L or U) and drop height class (A, B). Plastic glazing does not require drop height.
- 4) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE: Additional details and information, such as thickness and date of manufacture, are permitted.
Quoted from ANSI Z97.1. (Revised 1/1/2011)

Organic-Coated Glass Only.

"Organic-coated glass materials shall be legibly and permanently marked with the words "Glaze This Side In," to indicate to the installer, inspector, or user which side of the organic-coated glass should be exposed to the elements if there is a specific side that should be exposed." Quoted from ANSI Z97.1. (Revised 10/21/2005)

CPSC ONLY LABEL

"Any glazing material that for accelerated environmental durability tests meets only the requirements of 1201.4 (e)(ii)(c) entitled Plastic (indoor service) shall bear the statement 'INDOOR USE ONLY' as a part of the permanent label." Quoted from 16 CFR 1201.

"Organic-coated glass that has been tested for environmental exposure from one side only must bear a permanent label on the coating stating 'GLAZE THIS SIDE IN' and shall bear in the central 50 percent of the surface in letters at least 3" (inches) high: 'SEE PERMANENT LABEL FOR IMPORTANT MOUNTING INSTRUCTIONS.' The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation." Quoted from 16 CFR 1201.

CPSC ACT LABELING REQUIREMENTS

The following information is provided for the guidance of the licensee and is not a requirement of the SGCC® Certification Program.

The Consumer Product Safety Act defines a private labeler and permits private labeling as long as a manufacturer is identified, which can be in code. A "private labeler" means an owner of a brand or trademark on the label of a consumer product, which bears a private label.

Pursuant CPSC Advisory Opinion, dated April 12, 1984, a label on the material or product is acceptable as a certificate of compliance meeting the requirements of the CPSC if the label contains the same information required of a certificate of compliance. This information must include the date of manufacture, the place of manufacture, and the name of the manufacturer, importer, or private labeler. The certificate of compliance may also be a separate document, which accompanies the material or product or is otherwise furnished to each distributor or retailer.

With respect to the CPSC requirement that the certificate of compliance name the manufacturer, a label meets that requirement if it includes a suitable identification of the manufacturer of the product (unless the product bears a private label), in which case it shall identify the private labeler and shall also contain a code mark which shall permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.

As set forth in SGCC® certification guideline G.5, the SGCC® number designates the name of the licensee and also the location of the manufacturing plant, however, it does not designate the date of manufacture.

Certified Products-Numerical Sequence-Laminated

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9165	Coastal Curved Glass	9344	Yildiz Cam San. Tic. A.S.	9401	WHTB Glass, LLC
9187	Selective Shower Glass Designs Inc.	9345	Yildiz Cam San. Tic. A.S.	9403	W.C.P., Inc dba West Coast Insulated Glass Products
9188	Selective Shower Glass Designs Inc.	9346	Yakut Cam A.S	9404	Shanghai SYP Engineering Glass
9209	Guangdong Xeyoung Glass Technology Co., Ltd	9347	Arino Duglass	9405	W.C.P., Inc dba West Coast Insulated Glass Products
9230	Midwest Glass Fabricators	9348	Arino Duglass	9406	Shanghai SYP Engineering Glass
9231	Midwest Glass Fabricators	9349	Produits Verrier International Inc.	9407	Vidplex Universal S.AS
9239	Guang Dong Kibing Energy Saving Glass Co., LTD	9350	ProTemp Glass, Inc.	9408	Jiangmen SYP Engineering Glass Co, Ltd.
9245	Al Cam Sanayi ve Ticaret Limited Sirketi	9351	Przedsiębiorstwo Prywatne Rezal	9409	Jiangmen SYP Engineering Glass Co, Ltd.
9250	Shandong Blue Glass Technology Co., Ltd.	9352	Przedsiębiorstwo Prywatne Rezal	9410	Carey Glass UC
9305	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions	9353	Pulp Studio, Inc.	9411	Onyx Solar Energy, S.L.
9308	Aldora Aluminum and Glass Products, Inc.	9354	Xinyi Group (Glass) Co., Ltd.	9412	Onyx Solar Energy, S.L.
9309	Aldora Aluminum and Glass Products, Inc.	9355	Qingdao Laurel Glass Technology Co., Ltd	9413	Onyx Solar Energy, S.L.
9311	AntCam Cam Pazarlama San. Ve Tic. A.S.	9356	Qingdao Pioneer Glass Co.,Ltd.	9414	Pingdingshan Youbo Glass Technology Co., Ltd.
9312	AntCam Cam Pazarlama San. Ve Tic. A.S.	9357	Qinhuangdao Rongsheng Glass Processing Co., Ltd.	9415	Carey Glass UC
9313	Aldora Aluminum and Glass Products, Inc.	9358	Xinyi Glass (Tianjin) Co. Ltd.	9418	Rider Glass Company Limited
9314	Aldora Aluminum and Glass Products, Inc.	9359	Ready Glass & Mirror, Inc.	9420	AGNORA LTD
9315	Shanghai HJ Safety Glass Co., Ltd	9360	Reem Emirates Aluminum & Glass	9421	Erdem Dis Ticaret A.S.
9316	Al Abbar Tempering Plant	9361	Xianning CSG Energy Conservation Glass Co., LTD.	9422	FG Glass Industries Pvt Ltd.
9317	Al Andalus Glass Factory Co.	9362	Rider Glass Company Limited	9423	FG Glass Industries Pvt Ltd.
9318	Aluminum Manufacturers Co. Ltd - ALUMATEC	9363	Prelco Inc.	9429	PRESS GLASS SP ZOO
9319	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	9364	Prelco Inc.	9430	PRESS GLASS SP ZOO
9320	Trulite Glass and Aluminum Solutions	9365	Rizhao Huaye Glass Co., Ltd.	9431	PRESS GLASS SP ZOO
9321	Trulite Glass and Aluminum Solutions	9366	Xinyi Glass (Yingkou) Co., Ltd.	9432	PRESS GLASS SP ZOO
9322	Trulite Glass and Aluminum Solutions	9367	Xinyi Glass (Yingkou) Co., Ltd.	9433	Cardinal LG Northeast
9323	ATI Windows	9369	Safti First	9434	Cardinal LG Northeast
9324	ATI Windows	9370	Safti First	9436	Comercial Dialum SA
9325	AdvanTec	9371	Safti First	9437	Comercial Dialum SA
9326	Beijing NorthTech Haiyangshunda Glass Ltd.	9372	SAGE Electrochromics Inc.	9438	Consolidated Glass Corp.
9327	Beijing NorthTech Haiyangshunda Glass Ltd.	9373	SAGE Electrochromics Inc.	9439	Procesadora de Jalisco, S.A. DE C.V.
9328	Beijing Wuhuatianbao Glass Co., Ltd.	9374	Saint Gobain Mexico, S.A. de C.V.	9440	Procesadora de Jalisco, S.A. DE C.V.
9329	Beijing Wuhuatianbao Glass Co., Ltd.	9375	Soluciones Vitro Plano S.A. de C.V.	9441	D3 Glass, LLC
9333	Control Glass, A&S, S.L.	9376	Soluciones Vitro Plano S.A. de C.V.	9442	D3 Glass, LLC
9334	Control Glass, A&S, S.L.	9377	Saudi American Glass Company	9443	JYC Glass Co. Ltd.
9335	Classy Glass Specialties Technology Co., Ltd	9379	Sichuan CSG Energy Conservation Glass Co., Ltd.	9446	Fairis C.A.
9336	Changshu ZhongXin Building Materials Co., Ltd.	9380	Dillmeier Enterprise, Inc.	9447	Denver Glass Interiors, Inc.
9337	Curved Glass Creations, LLC	9381 IN	Sisecam Flat Glass Italy S.r.l.	9448	Denver Glass Interiors, Inc.
9338	Chongqing SYP Engineering Glass Co., Ltd.	9382	Wujiang CSG Huadong Architectural Glass Co., LTD	9452	GlassecViracon
9339	Chongqing SYP Engineering Glass Co., Ltd.	9383	ALROMA CORP.	9453	GlassecViracon
9340	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	9384	Press Glass Inc.	9454	Glasstech Industries B.S.C.
9341	Zhongli Glass Co., Ltd	9385	Wutkowski Sp. Zo.o.	9455	GnT Glass Co., Ltd.
9342	Zhaoqing CSG Energy Conservation Glass Co., Ltd	9386	Press Glass Inc.	9456	GnT Glass Co., Ltd.
9343	Zhangjiagang City Daming Glass Product Co., Ltd	9388	PGT Industries	9457 IN	KAMRI Investments Limited
		9389	PGT Industries	9458	Guangdong Haikong Special Glass Technology Co., Ltd.
		9390	Precision Glass Bending Corporation	9459	Guangdong Haikong Special Glass Technology Co., Ltd.
		9391	Precision Glass Bending Corporation	9460	Guangdong South Star Glass Limited
		9392	Oldcastle BuildingEnvelope®	9461	Gulf Glass Industries, LLC
		9393	Oldcastle BuildingEnvelope®	9462	Isam M. Khairi Kabbani Glass Works LLC
		9394	Dillmeier Enterprise, Inc.	9463	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
		9395	Dillmeier Enterprise, Inc.	9464	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
		9397	W-M Glass sp. zo.o.	9465	Diamond Glass
		9398	Tianjin SYP Engineering Glass Co., Ltd.	9466	Diamond Glass
		9399	Tianjin SYP Engineering Glass Co., Ltd.		
		9400	WHTB Glass, LLC		

Certified Products-Numerical Sequence-Laminated

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9467	Vidrio Duro de Mexico S.A. de C.V.	9535	Oldcastle BuildingEnvelope®	9588	Trulite Glass and Aluminum Solutions
9468	Vidrio Duro de Mexico S.A. de C.V.	9536	Oldcastle BuildingEnvelope®	9589	Türkiye Sise ve CamFabrikalar A.S.
9469	Isoclima Specialty Glass, LLC	9537	Oldcastle BuildingEnvelope®		SisecamDuzcam Bursa FabrikaSubesi
9470	Isoclima Specialty Glass, LLC	9538	Oldcastle BuildingEnvelope®	9590	TG Tianjin Glass Co., Ltd.
9471	McGrory Glass	9539	Oldcastle BuildingEnvelope®	9591	Uniglass
9472	Dongguan CSG Architectural Glass Co., Ltd.	9540	Oldcastle BuildingEnvelope®	9592	Unitex Glass Chengdu Co., Ltd
9473	Nashville Tempered Glass LLC	9541	Oldcastle BuildingEnvelope®	9593	United Plate Glass Co., Inc.
9474	Nashville Tempered Glass LLC	9542	GLASPRO	9594	U.S. Glass Distributors Inc.
9475 IN	Nashville Tempered Glass LLC	9543	Glass Laminate Solutions	9595	Vetrodomus SpA
9476	Haojing Holdings Group Limited	9544	GlassFab Tempering Services, Inc.	9596	Viewrail
9477	Haojing Holdings Group Limited		Linne Road	9597	Vetriko S.A.
9478	Haojing Holdings Group Limited	9545	GlassFab Tempering Services, Inc.	9598	Vetriko S.A.
9479	Northwestern Industries - Arizona, Inc.		Linne Road	9599	Vetriko S.A.
9480	Northwestern Industries - Arizona, Inc.	9546	Oldcastle BuildingEnvelope® Canada Inc.	9600	KRYSTALLA VASILIOU SA (VASGLASS)
9481	SAAND Rexdale	9547	Oldcastle BuildingEnvelope® Canada Inc.	9601	KRYSTALLA VASILIOU SA (VASGLASS)
9482	SIGCO, Inc.	9548	Glasswerks GWLA- East	9603	KRYSTALLA VASILIOU SA (VASGLASS)
9483	M Industria S.A. DE C.V.	9549	Glasswerks GWLA- East	9604	Guardian Fabrication - Hialeah Gardens
9484	M Industria S.A. DE C.V.	9550	Global Security Glazing		Guardian Fabrication - Hialeah Gardens
9485	SIGCO, Inc.	9551	Global Security Glazing	9605	Thermo BSL
9487	Express Impact Manufacturing	9552	Syracuse Glass Company, LLC	9609	Cardinal LG
9488	Shanghai Jiajie Glass Co., Ltd.	9553	Syracuse Glass Company, LLC	9610	Laurier Architectural
9489	Excel Glass Systems	9554	Guardian Fabrication, LLC	9611	Cardinal LG
9490	Dost Cam Sanayi ve Ticaret A.S.	9555	Dolphin Glass Specialists, LLC	9612	Cardinal LG
9492	Dost Cam Sanayi ve Ticaret A.S.	9556	Vandaglas Eckelt GmbH	9613	Cardinal LG
9496	ITI Glass Company	9557	Vandaglas Eckelt GmbH	9614	LTI Smart Glass, Inc.
9497	Shenzhen Sun Global Glass Co., Limited	9558	ECO Glass Production	9615	Vetrieria F. Illi Paci S.R.L.
9498	ITI Glass Company	9559	Garibaldi Glass Ind. Inc.	9616	J.C. Moag Corporation
9499	Stargrup Cam A.S.	9560	Garibaldi Glass Ind. Inc.	9617	J.C. Moag Corporation
9500	Stargrup Cam A.S.	9561	ECO Glass Production	9618	Viracon Inc.
9501	Downey Glass	9562	ECO Glass Production	9619	Viracon Inc.
9502	Sunfire Glass, Inc.	9563	Imagic Glass Inc.	9620	VA Glass, LLC.
9504	Sunfire Glass, Inc.	9564	Imagic Glass Inc.	9621	VA Glass, LLC.
9505	Shandong Yaohua Glass Co., Ltd.	9565	Imagic Glass Inc.	9622	Cardinal LG
9506	Shandong Yaohua Glass Co., Ltd.	9566	Oldcastle BuildingEnvelope®	9623	Cardinal LG
9507	Tecnoglass S.A.S.	9567	Insulite Glass Co., Inc.	9624	Vistamatic, LLC
9508	Cardinal LG	9568	Integral Seal Mfg. Inc.	9625	Vistamatic, LLC
9509	Cardinal LG	9569	ITI Glass Company	9626	Vitelsa Mosquera
9512	Templados Del Centro SA DE C.V.	9570	Extrusiones de Aluminio, S.A.	9627	Vitelsa Mosquera
9513	Templados Del Centro SA DE C.V.	9571	Extrusiones de Aluminio, S.A.	9628	Trulite Glass and Aluminum Solutions
9514	Glass and Mirror Craft	9572	3 Form	9629	Trulite Glass and Aluminum Solutions
9515	Glass and Mirror Craft	9573	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	9630	Vitrum Industries Ltd.
9516	Oldcastle BuildingEnvelope®	9574	Tengzhou Fenghua Glass Co., LTD	9631	Vitrum Industries Ltd.
9517	Oldcastle BuildingEnvelope®	9575	Technical Glass Company	9632	Trulite Glass and Aluminum Solutions
9520	Oldcastle BuildingEnvelope®	9576	Tacoma Glass Mfg. Inc.	9633	Trulite Glass and Aluminum Solutions
9521	Oldcastle BuildingEnvelope®	9577	TG Taicang Architectural Glass Co. Ltd	9634	Trulite Glass and Aluminum Solutions
9522	Novavetro S.r.l.	9578	Thermo BSL	9635	Trulite Glass and Aluminum Solutions
9523	Novavetro S.r.l.	9580	Multiver Ltee	9637	Vitrum Industries Ltd. (Calgary)
9524	Oldcastle BuildingEnvelope®	9581	Tianjin CSG Energy Conservation Glass Co., Ltd	9638	Viwinco, Inc.
9525	Oldcastle BuildingEnvelope®		Tianjin Northglass Industrial Technical Co., Ltd	9639	Viwinco, Inc.
9526	Oldcastle BuildingEnvelope®	9582	Tianjin Northglass Industrial Technical Co., Ltd	9640	La Tecnica Nel Vetro SpA
9527	Oldcastle BuildingEnvelope®	9583	Tianjin Northglass Industrial Technical Co., Ltd	9641	La Tecnica Nel Vetro SpA
9528	Dillmeier Enterprise, Inc.		Thompson I.G. LLC.	9642	Illumimex S.A. DE C.V.
9529	Galaxy Glass & Stone	9584	Thompson I.G. LLC.	9643	Glassbel Baltic
9530	Galaxy Glass & Stone	9585	Thompson I.G. LLC.	9644	Glassbel Baltic
9531	Oldcastle BuildingEnvelope®	9586	TG Qingdao Glass Co., Ltd.	9645	Advanced Impact Technologies
9532	Oldcastle BuildingEnvelope®	9587	Tristar Glass, Inc.	9646	Trulite Glass and Aluminum Solutions

Certified Products-Numerical Sequence-Laminated

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9647	Trulite Glass and Aluminum Solutions	9940	Elivate Mexico Supply S. de R.L. de C.V.	10267	Shandong Xingguan Glass Technology Co., Ltd.
9648	Oldcastle BuildingEnvelope®	9941	Elivate Mexico Supply S. de R.L. de C.V.	10272	Zhejiang Duoli Plastic Co., Ltd.
9649	Oldcastle BuildingEnvelope®	9942	Tianjin Xinbao Glass Co., Ltd.	10273	Majestic Glass Inc.
9652	Trulite Glass and Aluminum Solutions	9957	US Glass Depot LLC	10274	Majestic Glass Inc.
9653	Trulite Glass and Aluminum Solutions	9966	Industrial Glass Laminating LLC		
9654	Trulite Glass and Aluminum Solutions	9973	Megaglass DBA Megaluminio SA de CV		
9655	Trulite Glass and Aluminum Solutions	9981	Oldcastle BuildingEnvelope®		
9657	Ardic Cam Sanayi A.S.	9999	Taicang Zhuogao Glass Product Co., Ltd.		
9658	Air Master	10009	Excel Glass Systems		
9660	3 Form	10015	Pulp Studio, Inc.		
9661	3 Form	10020	Tianjin SYP Engineering Glass Co., Ltd.		
9663	Trulite Glass and Aluminum Solutions	10024	Tecnoglass S.A.S.		
9664	Trulite Glass and Aluminum Solutions	10029	Saint-Gobain Innovative Material Polska SP. Z.O.O.		
9665	Limca Dekoratif Cam Anya San Tic ve AS	10037	Qinhuangdao Huaguang Technology Glass Co., Ltd.		
9666	Limca Dekoratif Cam Anya San Tic ve AS	10040	Dialum Laminated Glass SPA		
9669	Accurate Glass Products	10041	Tempco Glass		
9680	Guangdong Honghua Glass Technology Co., LTD.	10045	Qinhuangdao Huaguang Technology Glass Co., Ltd.		
9684	White Aluminum Enterprises LLC	10046	Jiangmen Junfa Safety Glass Co., Ltd.		
9685	White Aluminum Enterprises LLC	10073	arcon Flach- und Sicherheitsglas GmbH & Co. KG		
9692 IN	New Angle Beveling	10074	arcon Flach- und Sicherheitsglas GmbH & Co. KG		
9695	Glenny Glass Co.	10080	Saint-Gobain India Private Limited		
9702	A3 Glass Fabricator LLC	10093	UAB Stronglasas		
9706	United Plate Glass Co., Inc.	10094	UAB Stronglasas		
9716	Gin Jye Ming Glass Co., Ltd.	IN			
9721	Insulite Glass Co., Inc.	10107	Al Cam Sanayi ve Ticaret Limited Sirketi		
9724	Nashville Tempered Glass LLC	10108	Qingdao Himalaya Building Materials Co., Ltd		
9725 IN	Nashville Tempered Glass LLC	10109	Foshan Yijiacheng Technology Co., Ltd.		
9727	All Team Glass & Mirror, Ltd.	10118	Pilkington IGP Sp. z.o.o. Branch Skierniewice, Poland		
9735	Qinhuangdao Entrylite Technology Co.,Ltd.	10119	Pilkington IGP Sp. z.o.o. Branch Skierniewice, Poland		
9741	Nanjing Feitian Varo Glass Product Co., Ltd.	10143	Fairis C.A.		
9751	Agsitech Advanced Materials Corporation Limited	10148	Weifang Guanghai Glass Technology Co., Ltd.		
9756	Crystal Glass International SDN BHD	10151	Raw Glass Inc.		
9766	Qingdao Jinjing Co., Ltd.	10160	Guangdong South Star Glass Limited		
9775	Syracuse Glass Company, LLC	10161	Blue Star Glass Inc.		
9785	Transparent Design S.R.L.	10162	Blue Star Glass Inc.		
9799	Etalum	10165	Shaanxi Jingfeng Industry and Trade Co., Ltd.		
9800	Etalum	10172	Huzhou Xinfu New Materials Co., Ltd.		
9817	Basco - Grand Haven	10177	Making Glass S.R.L.		
9820	3 Form	10178	Making Glass S.R.L.		
9821	3 Form	10188	Deyao Glass Products (Zhongshan) Co., LTD		
9822	3 Form	10223	Foshan Xinxingye Glass Co., Ltd.		
9823	Brick Glass	10224	Foshan Xinxingye Glass Co., Ltd.		
9824	Brick Glass	10231	Templex USA		
9828	G.E. Silliker & Sons Ltd.	10251	S.F. Tempering		
9829	G.E. Silliker & Sons Ltd.	10256	Qingdao Jinjing Co., Ltd.		
9837	ML System SA				
9846	Shandong Jinjing Science & Technology Stock Co., Ltd.				
9847	Shandong Jinjing Science & Technology Stock Co., Ltd.				
9866	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.				
9894	Smart Glass Group LLC				
9935	Trulite Glass and Aluminum Solutions				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12 IN	VA Glass, LLC.	1757	All Team Glass & Mirror, Ltd.	2021	Guardian Glass, LLC
14	VA Glass, LLC.	1758	All Team Glass & Mirror, Ltd.	2022	Guardian Glass, LLC
89	Cardinal FG	1785	Trulite Glass and Aluminum Solutions	2023	Guardian Glass, LLC
93	VA Glass, LLC.	1786	Trulite Glass and Aluminum Solutions	2032	Cameron Glass, LLC.
94	VA Glass, LLC.	1787	Trulite Glass and Aluminum Solutions	2033	Cameron Glass, LLC.
95	VA Glass, LLC.	1788	Trulite Glass and Aluminum Solutions	2034	Prelco Inc.
220	Cardinal FG	1790	Trulite Glass and Aluminum Solutions	2035	Prelco Inc.
520	Anthony International	1827	Cardinal IG	2048	Prelco Inc.
598	Cardinal FG	1828	Cardinal IG	2050	Intigral
955	Cardinal FG	1829	Cardinal IG	2051	Intigral
968	Guardian Glass, LLC	1830	Cardinal IG	2052	Intigral
969	Guardian Glass, LLC	1831	Cardinal IG	2062	Oldcastle BuildingEnvelope® Canada Inc.
970	Guardian Glass, LLC	1834	Cardinal IG	2067	Cardinal CG
971	Guardian Glass, LLC	1841	Cardinal IG	2068	Cardinal CG
999	Anthony International	1842	Cardinal IG	2069	Cardinal CG
1000	Anthony International	1843	Cardinal IG	2070	Cardinal CG
1201	Gemtron Corporation	1844	Cardinal IG	2071	Cardinal CG
1248	Guardian Glass, LLC	1845	Cardinal IG	2133	Tecnoglass S.A.S.
1249	Guardian Glass, LLC	1865	Guardian Glass, LLC	2134	Tecnoglass S.A.S.
1250	Guardian Glass, LLC	1882	Guardian Glass, LLC	2135	Tecnoglass S.A.S.
1251	Guardian Glass, LLC	1901	EFCO Corporation	2143	EFCO Corporation
1301	Guardian Glass, LLC	1902	EFCO Corporation	2144	Coral Industries Glass Division
1303	Guardian Glass, LLC	1910	Coral Industries Glass Division	2145	Coral Industries Glass Division
1304	Guardian Glass, LLC	1911	Coral Industries Glass Division	2146	Cardinal CG
1332	Gemtron Corporation	1921	Cardinal CG	2176	Cardinal IG
1334	Gemtron Corporation	1922	Cardinal CG	2177	Cardinal IG
1403	Viracon Inc.	1923	Cardinal CG	2178	Cardinal IG
1404	Viracon Inc.	1924	Cardinal CG	2179	Cardinal IG
1416	Nashville Tempered Glass Corp.	1964 IN	Coral Industries Glass Division	2182	VA Glass, LLC.
1417	Nashville Tempered Glass Corp.	1979	Kohler Company	2186	Glaz-Tech Industries, Inc.
1422	Gemtron Corporation	1980	Kohler Company	2189	Glaz-Tech Industries, Inc.
1424	Gemtron Corporation	1981	Kohler Company	2193	Glaz-Tech Industries, Inc.
1467	Nashville Tempered Glass Corp.	1982	Kohler Company	2203	Cardinal IG
1477	Gemtron Corporation	1983	Kohler Company	2204	Cardinal IG
1508	Viracon Inc.	1984	Kohler Company	2205	Cardinal IG
1509	Viracon Inc.	1985	Cardinal CG	2210	Oldcastle BuildingEnvelope®
1546	Oldcastle BuildingEnvelope®	1986	Cardinal CG	2211	Oldcastle BuildingEnvelope®
1547	Oldcastle BuildingEnvelope®	1987	Cardinal CG	2212	Oldcastle BuildingEnvelope®
1548	Oldcastle BuildingEnvelope®	1988	Cardinal CG	2213	Oldcastle BuildingEnvelope®
1549	Oldcastle BuildingEnvelope®	1993	Tecnoglass S.A.S.	2214	Oldcastle BuildingEnvelope®
1550	Oldcastle BuildingEnvelope®	1994	Tecnoglass S.A.S.	2215	Oldcastle BuildingEnvelope®
1555	Swift Glass Co., Inc.	1995	Tecnoglass S.A.S.	2216	Oldcastle BuildingEnvelope®
1556	Swift Glass Co., Inc.	1997	Oldcastle BuildingEnvelope® Canada Inc.	2226	GGI Glass Distributors Corp.
1557	Swift Glass Co., Inc.	1998	Consolidated Glass Corp.	2227	GGI Glass Distributors Corp.
1558	Swift Glass Co., Inc.	1999	Consolidated Glass Corp.	2228	GGI Glass Distributors Corp.
1559	Swift Glass Co., Inc.	2002	Consolidated Glass Corp.	2231	Cardinal IG
1630	Guardian Glass, LLC	2003	Consolidated Glass Corp.	2232	Cardinal IG
1631	Guardian Glass, LLC	2004	Consolidated Glass Corp.	2233	Cardinal IG
1632	Guardian Glass, LLC	2005	Consolidated Glass Corp.	2234	Cardinal IG
1633	Guardian Glass, LLC	2007	Cardinal CG	2235	Cardinal IG
1634	Guardian Glass, LLC	2008	Cardinal CG	2259	Guardian Glass, LLC
1635	Guardian Glass, LLC	2009	Cardinal CG	2260	Guardian Glass, LLC
1677	Contour Industries, Inc.	2010	Cardinal CG	2261	Guardian Glass, LLC
1678	Contour Industries, Inc.	2011	Cardinal CG	2262	Guardian Glass, LLC
1680	Contour Industries, Inc.	2012	Cardinal CG	2282	GGI Glass Distributors Corp.
1683	Guardian Glass, LLC	2013	Cardinal CG	2285	Cardinal IG
1755	All Team Glass & Mirror, Ltd.	2020	Guardian Glass, LLC	2286	Cardinal IG
1756	All Team Glass & Mirror, Ltd.				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2287	Tecnoglass S.A.S.	2494	Nashville Tempered Glass Corp.	2853	Vandaglas Eckelt GmbH
2289	Anthony International	2497	Nashville Tempered Glass Corp.	2854 IN	Vandaglas Eckelt GmbH
2293	Cardinal CT	2498	Multiver	2855 IN	Vandaglas Eckelt GmbH
2294	Cardinal CT	2499	Multiver	2857	Cardinal IG
2295	Cardinal CT	2501	Cameron Glass, LLC.	2858	Cardinal IG
2296	Cardinal CT	2519	Guardian Glass, LLC	2859	Cardinal IG
2306	Anthony International	2543	Oldcastle BuildingEnvelope® Canada Inc.	2878	Cardinal CT
2307	Anthony International	2544	Oldcastle BuildingEnvelope® Canada Inc.	2879	Cardinal CT
2310	Cardinal LG	2545	Guardian Glass, LLC	2880	Cardinal CT
2311	Cardinal LG	2547	Techni-Glass LLC	2881	Cardinal CT
2314	Cardinal LG	2548	Techni-Glass LLC	2884	Oldcastle BuildingEnvelope® Canada Inc.
2317	Cardinal IG	2549	Techni-Glass LLC	2887	Simonton Windows
2318	Cardinal IG	2550	Techni-Glass LLC	2888	Simonton Windows
2319	Cardinal IG	2569	Bendheim Wall Systems	2898	Valentini Glass & Components srl
2320	Cardinal IG	2570	Bendheim Wall Systems	2909	Cardinal FG
2321	Cardinal IG	2578	Amsco Windows	2910	Cardinal FG
2322	Cardinal IG	2580	Amsco Windows	2911	Cardinal FG
2323	Cardinal IG	2581	Amsco Windows	2912	Cardinal FG
2328	Cardinal IG	2582	Amsco Windows	2918 IN	Kohler Company
2329	Cardinal IG	2584	Amsco Windows	2919	Cardinal IG
2330	Cardinal IG	2589	Engineered Glass Products, L.L.C.	2920	Cardinal IG
2331	Cardinal IG	2629	Multiver	2921	Cardinal IG
2352	Anthony International	2654	Syracuse Glass Company, LLC	2922	Cardinal IG
2353	Anthony International	2656	Syracuse Glass Company, LLC	2923	Cardinal IG
2354	Consolidated Glass Corp.	2657	Syracuse Glass Company, LLC	2924	Cardinal IG
2355	Consolidated Glass Corp.	2661	Downey Glass	2944	Coral Industries Glass Division
2357	Cardinal CG	2662	Downey Glass	2945	Coral Industries Glass Division
2358	Cardinal CG	2663	Downey Glass	2954	Cardinal CG
2359	Cardinal CG	2664	Downey Glass	2956	Cardinal CG
2360	Cardinal CG	2684	Paragon Tempered Glass	2957	Syracuse Glass Company, LLC
2365	Tecnoglass S.A.S.	2685	Paragon Tempered Glass	2958	Syracuse Glass Company, LLC
2381	Prelco Inc.	2686	Paragon Tempered Glass	2961	SIGCO, Inc.
2382	Guardian Glass, LLC	2687	Paragon Tempered Glass	2962	SIGCO, Inc.
2389	PGT Industries	2691	Nashville Tempered Glass LLC	2963	SIGCO, Inc.
2390	PGT Industries	2692	Nashville Tempered Glass LLC	2964	SIGCO, Inc.
2391	PGT Industries	2693	Nashville Tempered Glass LLC	2965	SIGCO, Inc.
2397	Cardinal IG	2694	Nashville Tempered Glass LLC	2966	SIGCO, Inc.
2399	Cardinal IG	2699	Cardinal CG	2968	Quaker Window Products, Inc.
2423	Valentini Glass & Components srl	2700	Cardinal CG	2969 IN	Quaker Window Products, Inc.
2432	Changshu ZhongXin Building Materials Co., Ltd.	2701	Cardinal CG	2970 IN	Quaker Window Products, Inc.
2434	Kohler Company	2702	Cardinal CG	2975	Techni-Glass LLC
2445	Goldray Industries Ltd.	2705	Cardinal CG	2985	Quaker Window Products, Inc.
2446	Goldray Industries Ltd.	2713	Prelco Inc.	2986	Quaker Window Products, Inc.
2447	Goldray Industries Ltd.	2751	Prelco Inc.	3002	Guardian Glass, LLC
2448	Goldray Industries Ltd.	2787	Trulite Glass and Aluminum Solutions	3003	Guardian Glass, LLC
2449	Goldray Industries Ltd.	2788	Trulite Glass and Aluminum Solutions	3018	Isoclima Specialty Glass, LLC
2453	Anthony International	2789	Trulite Glass and Aluminum Solutions	3023	SAAND Inc.
2455	Cameron Glass, LLC.	2790	All Team Glass & Mirror, Ltd.	3027	Anthony International
2458	Guardian Glass, LLC	2831	Cardinal IG	3028	SIGCO, Inc.
2459	Guardian Glass, LLC	2833	Cardinal IG	3053	Xinyi Group (Glass) Co., Ltd.
2460	Guardian Glass, LLC	2834	Cardinal IG	3054	Xinyi Group (Glass) Co., Ltd.
2467	United Plate Glass Co., Inc.	2840	Trulite Glass and Aluminum Solutions	3055	Xinyi Group (Glass) Co., Ltd.
2468	United Plate Glass Co., Inc.	2842	Cardinal CT	3060	Techni-Glass LLC
2471	United Plate Glass Co., Inc.	2850	Vandaglas Eckelt GmbH	3061	Techni-Glass LLC
2481	SAAND Inc.	2851	Vandaglas Eckelt GmbH	3062	Techni-Glass LLC
2482	SAAND Inc.	2852	Vandaglas Eckelt GmbH	3067	Gemtron Canada Corporation
2484	SAAND Inc.			3068	Cardinal IG

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3069	Cardinal IG	3188	Oldcastle BuildingEnvelope®	3281 IN	Oldcastle BuildingEnvelope®
3070	Cardinal IG	3189	Oldcastle BuildingEnvelope®	3285	Oldcastle BuildingEnvelope®
3071	Cardinal IG	3190 IN	Oldcastle BuildingEnvelope®	3286	Oldcastle BuildingEnvelope®
3072	Cardinal IG	3191	Oldcastle BuildingEnvelope®	3287	Oldcastle BuildingEnvelope®
3074	Viwinco, Inc.	3192	Oldcastle BuildingEnvelope®	3288	Oldcastle BuildingEnvelope®
3085	Xinyi Group (Glass) Co., Ltd.	3193	Oldcastle BuildingEnvelope®	3289	Oldcastle BuildingEnvelope®
3086	Chicago Tempered Glass, Inc.	3194	Oldcastle BuildingEnvelope®	3290	Oldcastle BuildingEnvelope®
3087	Chicago Tempered Glass, Inc.	3195	Oldcastle BuildingEnvelope®	3291	Oldcastle BuildingEnvelope®
3088	Chicago Tempered Glass, Inc.	3196	Oldcastle BuildingEnvelope®	3292	Oldcastle BuildingEnvelope®
3089	Chicago Tempered Glass, Inc.	3197	Oldcastle BuildingEnvelope®	3293	Oldcastle BuildingEnvelope®
3090	Chicago Tempered Glass, Inc.	3199	Oldcastle BuildingEnvelope®	3294	Oldcastle BuildingEnvelope®
3104	Oldcastle BuildingEnvelope®	3201	Oldcastle BuildingEnvelope®	3295	Oldcastle BuildingEnvelope®
3105	Oldcastle BuildingEnvelope®	3203	Oldcastle BuildingEnvelope®	3296	Oldcastle BuildingEnvelope®
3106	Oldcastle BuildingEnvelope®	3219	Oldcastle BuildingEnvelope®	3297	Oldcastle BuildingEnvelope®
3107	Oldcastle BuildingEnvelope®	3220	Oldcastle BuildingEnvelope®	3310	Oldcastle BuildingEnvelope®
3108	Oldcastle BuildingEnvelope®	3221	Oldcastle BuildingEnvelope®	3311	Oldcastle BuildingEnvelope®
3109	Oldcastle BuildingEnvelope®	3222	Oldcastle BuildingEnvelope®	3312	Oldcastle BuildingEnvelope®
3110	Oldcastle BuildingEnvelope®	3223 IN	Oldcastle BuildingEnvelope®	3313	Oldcastle BuildingEnvelope®
3111	Oldcastle BuildingEnvelope®	3224	Oldcastle BuildingEnvelope®	3314	Oldcastle BuildingEnvelope®
3115	Cardinal IG	3225	Oldcastle BuildingEnvelope®	3315	Oldcastle BuildingEnvelope®
3127	Oldcastle BuildingEnvelope®	3226	Oldcastle BuildingEnvelope®	3317	Oldcastle BuildingEnvelope®
3128	Oldcastle BuildingEnvelope®	3228	Oldcastle BuildingEnvelope®	3318	Oldcastle BuildingEnvelope®
3130	Oldcastle BuildingEnvelope®	3229	Oldcastle BuildingEnvelope®	3319	Oldcastle BuildingEnvelope®
3131	Oldcastle BuildingEnvelope®	3230	Oldcastle BuildingEnvelope®	3321	Oldcastle BuildingEnvelope®
3132	Oldcastle BuildingEnvelope®	3233	Oldcastle BuildingEnvelope®	3331	Oldcastle BuildingEnvelope®
3133	Oldcastle BuildingEnvelope®	3234 IN	Oldcastle BuildingEnvelope®	3332	Oldcastle BuildingEnvelope®
3136	Oldcastle BuildingEnvelope®	3235	Oldcastle BuildingEnvelope®	3333	Oldcastle BuildingEnvelope®
3137	Oldcastle BuildingEnvelope®	3236	Oldcastle BuildingEnvelope®	3334	Oldcastle BuildingEnvelope®
3138	Oldcastle BuildingEnvelope®	3237	Oldcastle BuildingEnvelope®	3335	Oldcastle BuildingEnvelope®
3139	Oldcastle BuildingEnvelope®	3238	Oldcastle BuildingEnvelope®	3405	Viwinco, Inc.
3140	Oldcastle BuildingEnvelope®	3239	Oldcastle BuildingEnvelope®	3418	Industrial Tempering Glass
3141	Oldcastle BuildingEnvelope®	3240	Oldcastle BuildingEnvelope®	3419	Industrial Tempering Glass
3142	Oldcastle BuildingEnvelope®	3243	Oldcastle BuildingEnvelope®	3426 IN	Oldcastle BuildingEnvelope®
3143	Oldcastle BuildingEnvelope®	3244	Oldcastle BuildingEnvelope®	3427	Oldcastle BuildingEnvelope®
3144	Oldcastle BuildingEnvelope®	3249	Anthony International	3428	Oldcastle BuildingEnvelope®
3145	Oldcastle BuildingEnvelope®	3250	Oldcastle BuildingEnvelope®	3440	Oldcastle BuildingEnvelope®
3146	Oldcastle BuildingEnvelope®	3252	Oldcastle BuildingEnvelope®	3441	Oldcastle BuildingEnvelope®
3147	Oldcastle BuildingEnvelope®	3253	Oldcastle BuildingEnvelope®	3442	Oldcastle BuildingEnvelope®
3148	Oldcastle BuildingEnvelope®	3255	Oldcastle BuildingEnvelope®	3443	Oldcastle BuildingEnvelope®
3149	Oldcastle BuildingEnvelope®	3256	Oldcastle BuildingEnvelope®	3444	Oldcastle BuildingEnvelope®
3152	Oldcastle BuildingEnvelope®	3259	Oldcastle BuildingEnvelope®	3445	Oldcastle BuildingEnvelope®
3153	Oldcastle BuildingEnvelope®	3262	Oldcastle BuildingEnvelope®	3446	Oldcastle BuildingEnvelope®
3154	Oldcastle BuildingEnvelope®	3263	Oldcastle BuildingEnvelope®	3455	Cardinal TG
3155	Oldcastle BuildingEnvelope®	3264	Oldcastle BuildingEnvelope®	3456	Cardinal TG
3167	Oldcastle BuildingEnvelope®	3265	Oldcastle BuildingEnvelope®	3458	Cardinal TG
3168	Oldcastle BuildingEnvelope®	3266	Oldcastle BuildingEnvelope®	3459	Cardinal TG
3169	Oldcastle BuildingEnvelope®	3267	Oldcastle BuildingEnvelope®	3462	Oldcastle BuildingEnvelope®
3170	Oldcastle BuildingEnvelope®	3268	Oldcastle BuildingEnvelope®	3464	Contractors Wardrobe
3171	Oldcastle BuildingEnvelope®	3269	Oldcastle BuildingEnvelope®	3465	Contractors Wardrobe
3172	Oldcastle BuildingEnvelope®	3270	Oldcastle BuildingEnvelope®	3466	Contractors Wardrobe
3173	Oldcastle BuildingEnvelope®	3271	Oldcastle BuildingEnvelope®	3467	Contractors Wardrobe
3178	Oldcastle BuildingEnvelope®	3273	Oldcastle BuildingEnvelope®	3468	Contractors Wardrobe
3180	Oldcastle BuildingEnvelope®	3274	Oldcastle BuildingEnvelope®	3469	Contractors Wardrobe
3182	Oldcastle BuildingEnvelope®	3276 IN	Oldcastle BuildingEnvelope®	3470	Contractors Wardrobe
3183	Oldcastle BuildingEnvelope®	3277	Oldcastle BuildingEnvelope®	3472	Contractors Wardrobe
3184	Oldcastle BuildingEnvelope®	3278	Oldcastle BuildingEnvelope®	3473	Contractors Wardrobe
3185	Oldcastle BuildingEnvelope®	3279	Oldcastle BuildingEnvelope®	3474	Contractors Wardrobe
3186	Oldcastle BuildingEnvelope®	3280	Oldcastle BuildingEnvelope®	3475	Contractors Wardrobe

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3476	Contractors Wardrobe	3745	Ready Glass & Mirror, Inc.	3933	Dongguan CSG Architectural Glass Co., Ltd.
3477	Contractors Wardrobe	3746	Ready Glass & Mirror, Inc.	3934	Dongguan CSG Architectural Glass Co., Ltd.
3485	Quaker Window Products, Inc.	3747	Ready Glass & Mirror, Inc.	3935	Dongguan CSG Architectural Glass Co., Ltd.
3486	Quaker Window Products, Inc.	3748	Ready Glass & Mirror, Inc.	3936	Dongguan CSG Architectural Glass Co., Ltd.
3497	Oldcastle BuildingEnvelope®	3796	Oldcastle BuildingEnvelope®	3937	Dongguan CSG Architectural Glass Co., Ltd.
3498	Oldcastle BuildingEnvelope®	3806	Commercial Insulating Glass Co.	3938	Dongguan CSG Architectural Glass Co., Ltd.
3499	Oldcastle BuildingEnvelope®	3807	Commercial Insulating Glass Co.	3939	Dongguan CSG Architectural Glass Co., Ltd.
3500	Oldcastle BuildingEnvelope®	3808	Commercial Insulating Glass Co.	3948	United Plate Glass Company of Charlotte
3502	Oldcastle BuildingEnvelope®	3810	Basco Engineered Products	3949	United Plate Glass Company of Charlotte
3503	Oldcastle BuildingEnvelope®	3811	Basco Engineered Products	3950	United Plate Glass Company of Charlotte
3505	Cardinal LG	3812	Basco Engineered Products	3951	United Plate Glass Company of Charlotte
3506	Cardinal LG	3822	Flat Glass Distributors	3952	United Plate Glass Company of Charlotte
3507	Cardinal LG	3823	Flat Glass Distributors	3954	United Plate Glass Company of Charlotte
3508	Cardinal LG	3824	Flat Glass Distributors	3955	United Plate Glass Company of Charlotte
3532	Kohler Company	3825	Flat Glass Distributors	3957	JYC Glass Co. Ltd.
3538	PFG Glass	3826	Flat Glass Distributors	3958	JYC Glass Co. Ltd.
3539	PFG Glass	3828	Flat Glass Distributors	3959	JYC Glass Co. Ltd.
3540	PFG Glass	3830	Flat Glass Distributors	3960	JYC Glass Co. Ltd.
3542	PFG Glass	3831	Flat Glass Distributors	3961	JYC Glass Co. Ltd.
3543	PFG Glass	3841	Glenny Glass Co.	3962	JYC Glass Co. Ltd.
3544	PFG Glass	3843	Glenny Glass Co.	3963	JYC Glass Co. Ltd.
3547	PFG Glass	3844	Glenny Glass Co.	3971	GGI Glass Distributors Corp.
3548	PFG Glass	3845	Glenny Glass Co.	3972	GGI Glass Distributors Corp.
3549	PFG Glass	3846	Glenny Glass Co.	3973	GGI Glass Distributors Corp.
3555	Cardinal CT	3857	GGI Glass Distributors Corp.	3976	Al Abbar Tempering Plant
3556	Al Abbar Tempering Plant	3858	GGI Glass Distributors Corp.	3977	Al Abbar Tempering Plant
3557	Al Abbar Tempering Plant	3859	American Insulated Glass	3978	SAAND London
3558	Al Abbar Tempering Plant	3860 IN	American Insulated Glass	3979	SAAND London
3579	Cardinal CT	3861	American Insulated Glass	3980	SAAND London
3580	Cardinal CT	3862	American Insulated Glass	3981	SAAND London
3581	Cardinal CT	3863	American Insulated Glass	3991	JYC Glass Co. Ltd.
3583	Arlene Stained Glass & Door	3864	American Insulated Glass	3992	JYC Glass Co. Ltd.
3584	Arlene Stained Glass & Door	3865	Denver Glass Interiors, Inc.	3993	JYC Glass Co. Ltd.
3585	Arlene Stained Glass & Door	3866	Denver Glass Interiors, Inc.	3994	JYC Glass Co. Ltd.
3599	Cardinal CG	3867	Denver Glass Interiors, Inc.	3999	Oldcastle BuildingEnvelope®
3601	Cardinal CG	3868	Denver Glass Interiors, Inc.	4002	Custom Glass Products Inc.
3619	Cardinal IG	3872	Hoskin & Muir, Inc	4004	Tristar Glass, Inc.
3631	Intigral	3873	Hoskin & Muir, Inc	4005	Tristar Glass, Inc.
3635	Consolidated Glass Corp.	3874	Hoskin & Muir, Inc	4007	Tristar Glass, Inc.
3636	Gemtron Canada Corporation	3875	Hoskin & Muir, Inc	4008	Tristar Glass, Inc.
3637	Gemtron Canada Corporation	3880	PGT Industries	4009	Tristar Glass, Inc.
3656	All Team Glass & Mirror, Ltd.	3881	PGT Industries	4011	Tristar Glass, Inc.
3659	Gemtron Canada Corporation	3905	PT Abebersa Pratama	4012	Kohler Company
3672	Guardian Glass, LLC	3906	PT Abebersa Pratama	4021	Tianjin CSG Energy Conservation Glass Co., Ltd
3673	Guardian Glass, LLC	3907	Oldcastle BuildingEnvelope®	4022	Tianjin CSG Energy Conservation Glass Co., Ltd
3689	Viracon Inc.	3912	Dillmeier Enterprise, Inc.	4023	Tianjin CSG Energy Conservation Glass Co., Ltd
3690	QinHuangDao Tianrui Tempered Technology Glass Co.	3913	Dillmeier Enterprise, Inc.		
3701	Dallas Flat Glass	3914	Dillmeier Enterprise, Inc.		
3711	PFG Glass	3915	Dillmeier Enterprise, Inc.		
3714	Insulite Glass Co., Inc.	3916	Dillmeier Enterprise, Inc.		
3715	Insulite Glass Co., Inc.	3917	Dillmeier Enterprise, Inc.		
3716	Insulite Glass Co., Inc.	3925	Trulite Glass and Aluminum Solutions		
3717	Insulite Glass Co., Inc.	3927	Trulite Glass and Aluminum Solutions		
3729	Oldcastle BuildingEnvelope®	3928	Trulite Glass and Aluminum Solutions		
3738	Yao Xiang Glass Product Co. Ltd.	3931	Trulite Glass and Aluminum Solutions		
3739	Yao Xiang Glass Product Co. Ltd.	3932	Dongguan CSG Architectural Glass Co., Ltd.		
3740	Yao Xiang Glass Product Co. Ltd.				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4024	Tianjin CSG Energy Conservation Glass Co., Ltd	4160	Trulite Glass and Aluminum Solutions	4306	Jiangmen SYP Engineering Glass Co, Ltd.
4025	Tianjin CSG Energy Conservation Glass Co., Ltd	4161	JYC Glass Co. Ltd.	4307	Jiangmen SYP Engineering Glass Co, Ltd.
4026	Tianjin CSG Energy Conservation Glass Co., Ltd	4169	W. A. Wilson Inc.	4308	Jiangmen SYP Engineering Glass Co, Ltd.
4027	Tianjin CSG Energy Conservation Glass Co., Ltd	4170	W. A. Wilson Inc.	4309	Jiangmen SYP Engineering Glass Co, Ltd.
4028	Tianjin CSG Energy Conservation Glass Co., Ltd	4171	W. A. Wilson Inc.	4310	Jiangmen SYP Engineering Glass Co, Ltd.
4031	General Glass	4172	W. A. Wilson Inc.	4318	Maryland Glass & Mirror
4032	General Glass	4173	W. A. Wilson Inc.	4319	Maryland Glass & Mirror
4033	General Glass	4179	Xinyi Group (Glass) Co., Ltd.	4320	Maryland Glass & Mirror
4034	General Glass	4180	Oldcastle BuildingEnvelope®	4321	Maryland Glass & Mirror
4047	Cardinal CG	4184	Trulite Glass and Aluminum Solutions	4322	Maryland Glass & Mirror
4048	WSD Glass, Inc.	4185	Trulite Glass and Aluminum Solutions	4328	Aldora Aluminum and Glass Products Inc.
4049	WSD Glass, Inc.	4186	Trulite Glass and Aluminum Solutions	4330	Aldora Aluminum and Glass Products Inc.
4050	WSD Glass, Inc.	4187	Trulite Glass and Aluminum Solutions	4331	Aldora Aluminum and Glass Products Inc.
4052	WSD Glass, Inc.	4197	United Plate Glass Company of Charlotte	4335	Aldora Aluminum and Glass Products Inc.
4054	Oldcastle BuildingEnvelope®	4199	Glass and Mirror Craft	4336	Aldora Aluminum and Glass Products Inc.
4055	Deqing Sanxing Plastic Chemical Co. Ltd.	4200	Glass and Mirror Craft	4343	Cardinal CT
4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4202	Glass and Mirror Craft	4344	Cardinal CT
4061	Dulles Glass	4203	Glass and Mirror Craft	4345	Cardinal CT
4062	Dulles Glass	4204	Glass and Mirror Craft	4347	Cardinal CG
4063	Dulles Glass	4206	SIGCO, Inc.	4354	Viracon Inc.
4067	Shanghai SYP Engineering Glass	4207	Trulite Glass and Aluminum Solutions	4355	All Team Glass & Mirror, Ltd.
4068	Shanghai SYP Engineering Glass	4209	Trulite Glass and Aluminum Solutions	4356	SAAND Inc.
4069	Shanghai SYP Engineering Glass	4210	Trulite Glass and Aluminum Solutions	4357	SAAND Inc.
4070	Shanghai SYP Engineering Glass	4212	Trulite Glass and Aluminum Solutions	4358	SAAND Inc.
4071	Shanghai SYP Engineering Glass	4213	Trulite Glass and Aluminum Solutions	4371	Trulite Glass and Aluminum Solutions
4072	Shanghai SYP Engineering Glass	4214	Trulite Glass and Aluminum Solutions	4379	Wholesale Glass Dist.
4073	Shanghai SYP Engineering Glass	4215	Trulite Glass and Aluminum Solutions	4380	Wholesale Glass Dist.
4075	Tianjin SYP Engineering Glass Co., Ltd.	4217	Trulite Glass and Aluminum Solutions	4381	Wholesale Glass Dist.
4076	Tianjin SYP Engineering Glass Co., Ltd.	4219	Trulite Glass and Aluminum Solutions	4382	Wholesale Glass Dist.
4077	Tianjin SYP Engineering Glass Co., Ltd.	4220	Trulite Glass and Aluminum Solutions	4388	Engineered Glass Products, L.L.C.
4078	Tianjin SYP Engineering Glass Co., Ltd.	4221	Trulite Glass and Aluminum Solutions	4390	Oldcastle BuildingEnvelope®
4079	Tianjin SYP Engineering Glass Co., Ltd.	4222	Trulite Glass and Aluminum Solutions	4396 IN	Oldcastle BuildingEnvelope®
4080	Tianjin SYP Engineering Glass Co., Ltd.	4226	Trulite Glass and Aluminum Solutions	4419	Garibaldi Glass Ind. Inc.
4081	Tianjin SYP Engineering Glass Co., Ltd.	4227	Trulite Glass and Aluminum Solutions	4420	Garibaldi Glass Ind. Inc.
4103	Cardinal CT	4240	Industrial Tempering Glass	4421	Garibaldi Glass Ind. Inc.
4104	Cardinal CT	4246	Valentini Glass & Components srl	4422	Garibaldi Glass Ind. Inc.
4105	Cardinal CT	4247	Oldcastle BuildingEnvelope® Canada Inc.	4424	Oldcastle BuildingEnvelope®
4121	EFCO Corporation	4248	GGI Glass Distributors Corp.	4425	Fairis C.A.
4134	Trulite Glass and Aluminum Solutions	4255	Mercer Glass Fab LLC	4426	Fairis C.A.
4135	Trulite Glass and Aluminum Solutions	4256	Mercer Glass Fab LLC	4427	Fairis C.A.
4137	Cardinal CG	4257	Mercer Glass Fab LLC	4428	Fairis C.A.
4139	Basco Engineered Products	4258	Mercer Glass Fab LLC	4429	Fairis C.A.
4148	Nashville Tempered Glass LLC	4278	SAAND London	4443	Oldcastle BuildingEnvelope®
4152	Trulite Glass and Aluminum Solutions	4280	M&M Tempering Inc.	4453	Trulite Glass and Aluminum Solutions
4153	Trulite Glass and Aluminum Solutions	4281	M&M Tempering Inc.	4458	Oldcastle BuildingEnvelope®
4154	EFCO Corporation	4282	M&M Tempering Inc.	4473	Insulite Glass Co., Inc.
4158	Trulite Glass and Aluminum Solutions	4285	Contour Industries, Inc.	4474	Insulite Glass Co., Inc.
4159	Trulite Glass and Aluminum Solutions	4290	Thermo BSL	4477	Oldcastle BuildingEnvelope®
		4291	Thermo BSL	4507	Denver Glass Interiors, Inc.
		4292	Thermo BSL	4508	Denver Glass Interiors, Inc.
		4293	Thermo BSL	4509	Techni-Glass LLC
		4303 IN	Jiangmen SYP Engineering Glass Co, Ltd.		
		4304	Jiangmen SYP Engineering Glass Co, Ltd.		
		4305	Jiangmen SYP Engineering Glass Co, Ltd.		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4510	Techni-Glass LLC	4648	Xinyi Group (Glass) Co., Ltd.	4819	McGrory Glass
4512	Perficom S.A. DE C.V.	4657	Changshu Xingfu Glass Building	4820 IN	McGrory Glass
4518	Blue Star Glass Inc.		Material Co., LTD	4827	Trulite Glass and Aluminum Solutions
4519	Blue Star Glass Inc.	4668	Kohler Company	4832	Cameron Glass, LLC.
4520	Blue Star Glass Inc.	4675	Reem Emirates Aluminum & Glass	4836	Cardinal IG
4521	Blue Star Glass Inc.	4676	Reem Emirates Aluminum & Glass	4838	Dillmeier Enterprise, Inc.
4522	Trulite Glass and Aluminum Solutions	4677	Reem Emirates Aluminum & Glass	4839	Dillmeier Enterprise, Inc.
4530	Mercer Glass Fab LLC	4682	Integral Seal Mfg. Inc.	4841	Cardinal LG
4546	Cleer Vision Tempered Glass	4683	Integral Seal Mfg. Inc.	4842	Cardinal LG
4566	Dallas Flat Glass	4684	Integral Seal Mfg. Inc.	4843	Cardinal LG
4567	Dallas Flat Glass	4689	Basco Engineered Products	4844	Cardinal LG
4571	Architectural Glass Products, LLC.	4701	Contour Industries, Inc.	4846	Al Abbar Tempering Plant
4572	Architectural Glass Products, LLC.	4702	Contour Industries, Inc.	4882	Oldcastle BuildingEnvelope®
4573	Architectural Glass Products, LLC.	4703	Contour Industries, Inc.	4883	AGNORA LTD
4574	Architectural Glass Products, LLC.	4704 IN	Contour Industries, Inc.	4884	AGNORA LTD
4578	Cardinal CT	4705	Contour Industries, Inc.	4885	AGNORA LTD
4579	Cardinal CT	4710	Oldcastle BuildingEnvelope®	4900	US Tempering LLC
4580	Cardinal CT	4714	Consolidated Glass Corp.	4901	US Tempering LLC
4581	Cardinal CT	4720	Cardinal LG	4902	US Tempering LLC
4582	Cardinal CT	4724	Basco Engineered Products	4903	US Tempering LLC
4584	Cardinal LG	4742	Cardinal CT	4912	Prelco Inc.
4587	Cardinal LG	4745	Trulite Glass and Aluminum Solutions	4913	Prelco Inc.
4588	Intigral	4746	Trulite Glass and Aluminum Solutions	4914	Prelco Inc.
4590	Al Abbar Tempering Plant	4747	Trulite Glass and Aluminum Solutions	4915	Prelco Inc.
4591	New Angle Beveling	4748	Trulite Glass and Aluminum Solutions	4916	Prelco Inc.
4592	New Angle Beveling	4750	Trulite Glass and Aluminum Solutions	4917	Prelco Inc.
4593	New Angle Beveling	4753	Trulite Glass and Aluminum Solutions	4918	Dulles Glass
4594	New Angle Beveling	4754	Trulite Glass and Aluminum Solutions	4922	Trulite Glass and Aluminum Solutions
4595	New Angle Beveling	4756	Cardinal CT	4923	Trulite Glass and Aluminum Solutions
4597	White Aluminum Enterprises LLC	4757	Cardinal CT	4925	McGrory Glass
4598	White Aluminum Enterprises LLC	4758	Cardinal CT	4927	Upstate Glass Tempering Inc.
4599	Cardinal CG	4759	Cardinal CT	4928	JM Glass
4604	Guardian Fabrication, LLC	4760	Cardinal CT	4929	JM Glass
4605	Guardian Fabrication, LLC	4763	Dallas Flat Glass	4930	JM Glass
4606	Guardian Fabrication, LLC	4764	Global Security Glazing	4931	JM Glass
4607	Guardian Fabrication, LLC	4765	Global Security Glazing	4936	Changshu Zhouxing Craft Glass
4609	Guardian Fabrication, LLC	4766	Global Security Glazing		Factory
4610	Guardian Fabrication, LLC	4767	Global Security Glazing	4949	SAAND Ottawa
4612	Guardian Fabrication, LLC	4768	Global Security Glazing	4950	SAAND Ottawa
4613	Guardian Fabrication, LLC	4775	Cardinal CG	4951	SAAND Ottawa
4620	Cardinal CT	4780	Cardinal CG	4952	SAAND Ottawa
4621	Cardinal CT	4781	Cardinal CG	4953	SAAND Ottawa
4622	Cardinal CT	4783	Cardinal CG	4954	SAAND Ottawa
4623	Cardinal CT	4785	Consolidated Glass Corp.	4966	Vidrio Bisel S.A. de C.V. (Santa
4624	Cardinal CT	4787 IN	Oldcastle BuildingEnvelope®		Catarina)
4625	Cardinal CT	4788	Soluciones Vitro Plano S.A. de C.V.	4967	Vidrio Bisel S.A. de C.V. (Santa
4627	Guardian Fabrication, LLC	4790	Dallas Flat Glass		Catarina)
4628	Glass Enterprises, Inc.	4796	Gulf Glass Industries, LLC	4978	Simonton Windows
4629	Glass Enterprises, Inc.	4797	Gulf Glass Industries, LLC	4979	Simonton Windows
4636	United Plate Glass Company of	4798	Gulf Glass Industries, LLC	4993	Tweddells Inc.
	Charlotte	4804	Glasswerks GWLA- East	4995	SAAND Rexdale
4638	Flat Glass Distributors	4805	Glasswerks GWLA- East	4996	SAAND Rexdale
4639	Soluciones Vitro Plano S.A. de C.V.	4806	Glasswerks GWLA- East	4997	SAAND Rexdale
4640	Soluciones Vitro Plano S.A. de C.V.	4813	McGrory Glass	4998	SAAND Rexdale
4641	Soluciones Vitro Plano S.A. de C.V.	4814	McGrory Glass	4999	SAAND Rexdale
4642	Soluciones Vitro Plano S.A. de C.V.	4815	McGrory Glass	5000	SAAND Rexdale
4643 IN	Amsco Windows	4816	McGrory Glass	5010	Tempco Glass
4645	Soluciones Vitro Plano S.A. de C.V.	4817	McGrory Glass	5011	Tempco Glass
				5012	Tempco Glass

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5013	Tempco Glass	5193	Cardinal LG	5339	Trulite Glass and Aluminum Solutions
5019	ALROMA CORP.	5199	Robover Inc.	5340	Trulite Glass and Aluminum Solutions
5020	ALROMA CORP.	5200	Robover Inc.	5341	Trulite Glass and Aluminum Solutions
5021	ALROMA CORP.	5201	Robover Inc.	5343	Trulite Glass and Aluminum Solutions
5026	3 Form	5202	Robover Inc.	5344	Trulite Glass and Aluminum Solutions
5050	Techni-Glass LLC	5203	Basco Engineered Products	5345	Trulite Glass and Aluminum Solutions
5052 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5204	Vitro Architectural Glass	5346	Trulite Glass and Aluminum Solutions
5053 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5205	Vitro Architectural Glass	5348	Trulite Glass and Aluminum Solutions
5054 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5206	Vitro Architectural Glass	5349	Trulite Glass and Aluminum Solutions
5055 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5207	Vitro Architectural Glass	5350	Trulite Glass and Aluminum Solutions
5076	Basco Engineered Products	5210	3 Form	5351	Changshu Weier Glass Products Co. Ltd.
5084	Aluminum Technology Auxiliary Industries	5211	3 Form	5352	Changshu Weier Glass Products Co. Ltd.
5095	Cardinal CT	5212	Aluminum Technology Auxiliary Industries	5353	Changshu Weier Glass Products Co. Ltd.
5096	Cardinal CT	5213	SIGCO, Inc.	5354	Changshu Weier Glass Products Co. Ltd.
5097	Cardinal CT	5219	Garibaldi Glass Ind. Inc.	5364	Cardinal CT
5098	Cardinal CT	5220	Tianjin Northglass Industrial Technical Co., Ltd	5366	Bronco Industries, Inc.
5099	Cardinal CT	5221	Tianjin Northglass Industrial Technical Co., Ltd	5367	Bronco Industries, Inc.
5100	Cardinal CT	5226	Multiver	5368	Bronco Industries, Inc.
5116	Glass and Mirror Craft	5227	Multiver	5384	Tweddells Inc.
5123	Dulles Glass	5228	Multiver	5385	Tweddells Inc.
5124	Garibaldi Glass Ind. Inc.	5242	Paragon Tempered Glass	5386	Tweddells Inc.
5127	Arlene Stained Glass & Door	5260	Dalian Huaying Glass Limited Liability Co.	5387	Oldcastle BuildingEnvelope®
5134	Trulite Glass and Aluminum Solutions	5261	Dalian Huaying Glass Limited Liability Co.	5397	Trulite Glass and Aluminum Solutions
5135	Inkan Ltd	5273	Trulite Glass and Aluminum Solutions	5398	Trulite Glass and Aluminum Solutions
5136	Inkan Ltd	5274	Trulite Glass and Aluminum Solutions	5399	Trulite Glass and Aluminum Solutions
5137	Inkan Ltd	5275	Trulite Glass and Aluminum Solutions	5400	Trulite Glass and Aluminum Solutions
5138	Inkan Ltd	5276	Trulite Glass and Aluminum Solutions	5401	Trulite Glass and Aluminum Solutions
5139	Inkan Ltd	5277	Trulite Glass and Aluminum Solutions	5404	Trulite Glass and Aluminum Solutions
5140	Inkan Ltd	5279	Trulite Glass and Aluminum Solutions	5405	Trulite Glass and Aluminum Solutions
5141	Qinhuangdao Qicaishi Glass Processing Co., Ltd.	5280	Qinhuangdao Jingxin Glass Co., Ltd.	5407	Unitex Glass Chengdu Co., Ltd
5143	Glaz-Tech Industries, Inc.	5281	Cardinal CG	5408	Unitex Glass Chengdu Co., Ltd
5144	Bendheim Wall Systems	5283	American Insulated Glass, LLC	5414	Unitex Glass Chengdu Co., Ltd
5145	Bendheim Wall Systems	5284	American Insulated Glass, LLC	5432	Trulite Glass and Aluminum Solutions
5151	Changshu Xingfu Glass Building Material Co., LTD	5285	American Insulated Glass, LLC	5433	Trulite Glass and Aluminum Solutions
5152	Changshu Xingfu Glass Building Material Co., LTD	5286	American Insulated Glass, LLC	5435	Cardinal IG
5157	Upstate Glass Tempering Inc.	5287	American Insulated Glass, LLC	5442	Oldcastle BuildingEnvelope®
5158	Upstate Glass Tempering Inc.	5288	American Insulated Glass, LLC	5443	Trulite Glass and Aluminum Solutions
5165	Tacoma Glass Mfg. Inc.	5289	American Insulated Glass, LLC	5444	Trulite Glass and Aluminum Solutions
5166	Tacoma Glass Mfg. Inc.	5296	Simonton Windows	5445	Trulite Glass and Aluminum Solutions
5167	Tacoma Glass Mfg. Inc.	5297	Quaker Window Products, Inc.	5446	Trulite Glass and Aluminum Solutions
5173	W. A. Wilson Inc.	5298	Thompson I.G. LLC.	5447	Trulite Glass and Aluminum Solutions
5174	Blue Star Glass Inc.	5299	Thompson I.G. LLC.	5448	Trulite Glass and Aluminum Solutions
5175	Blue Star Glass Inc.	5303	Thompson I.G. LLC.	5449	Trulite Glass and Aluminum Solutions
5183	Trulite Glass and Aluminum Solutions	5304	Thompson I.G. LLC.	5451	Trulite Glass and Aluminum Solutions
5184	Trulite Glass and Aluminum Solutions	5305	Thompson I.G. LLC.	5452	ALROMA CORP.
5185	Trulite Glass and Aluminum Solutions	5306	Cardinal CG	5455	New Century Glass & Aluminum LLC
5186	Trulite Glass and Aluminum Solutions	5318	Trulite Glass and Aluminum Solutions	5456	New Century Glass & Aluminum LLC
5187	Trulite Glass and Aluminum Solutions	5320	Trulite Glass and Aluminum Solutions	5457	New Century Glass & Aluminum LLC
5189	Trulite Glass and Aluminum Solutions	5321	Trulite Glass and Aluminum Solutions	5458	New Century Glass & Aluminum LLC
5190	Trulite Glass and Aluminum Solutions	5322	Trulite Glass and Aluminum Solutions	5462	Unitex Glass Chengdu Co., Ltd
5191	Trulite Glass and Aluminum Solutions	5335	Cardinal CT	5463	Unitex Glass Chengdu Co., Ltd
5192	Trulite Glass and Aluminum Solutions	5336	Cardinal CT	5465	Zhangjiagang City Daming Glass Product Co., Ltd
		5337	Trulite Glass and Aluminum Solutions	5466	Zhangjiagang City Daming Glass Product Co., Ltd
		5338	Trulite Glass and Aluminum Solutions	5477	Trulite Glass and Aluminum Solutions

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5479	Cardinal CT	5639	ATI Windows	5847	PRESS GLASS SP ZOO
5480	Glasswerks GWA- West	5680	Trulite Glass and Aluminum Solutions	5848	PRESS GLASS SP ZOO
5481	Glasswerks GWA- West	5687	Trulite Glass and Aluminum Solutions	5849	PRESS GLASS SP ZOO
5482	Glasswerks GWA- West	5688	Trulite Glass and Aluminum Solutions	5850	PRESS GLASS SP ZOO
5483	Trulite Glass and Aluminum Solutions	5690	Triton Glass LLC	5852	PRESS GLASS SP ZOO
5498	Produits Verrier International Inc.	5691	Triton Glass LLC	5853	PRESS GLASS SP ZOO
5499	Produits Verrier International Inc.	5692	Triton Glass LLC	5854	PRESS GLASS SP ZOO
5500	Produits Verrier International Inc.	5693	Triton Glass LLC	5855	PRESS GLASS SP ZOO
5501	Produits Verrier International Inc.	5694	Triton Glass LLC	5856	PRESS GLASS SP ZOO
5502	Produits Verrier International Inc.	5701	Trulite Glass and Aluminum Solutions	5857	PRESS GLASS SP ZOO
5503	Produits Verrier International Inc.	5702	Trulite Glass and Aluminum Solutions	5860	Trulite Glass and Aluminum Solutions
5504	Produits Verrier International Inc.	5703	Trulite Glass and Aluminum Solutions	5871	Bronco Industries, Inc.
5505	Produits Verrier International Inc.	5704	Trulite Glass and Aluminum Solutions	5876 IN	Trulite Glass and Aluminum Solutions
5507	Trulite Glass and Aluminum Solutions	5706	Trulite Glass and Aluminum Solutions	5877	Trulite Glass and Aluminum Solutions
5508	Trulite Glass and Aluminum Solutions	5720	Cardinal CT	5882	Glasswerks GWLA- East
5509	Trulite Glass and Aluminum Solutions	5729	Nashville Tempered Glass Corp.	5883	Glasswerks GWLA- East
5510	Trulite Glass and Aluminum Solutions	5730	Thermal Seal Insulating Glass	5884	Glasswerks GWLA- East
5511	Trulite Glass and Aluminum Solutions	5731	Thermal Seal Insulating Glass	5885	Glasswerks GWLA- East
5517	Trulite Glass and Aluminum Solutions	5732	Thermal Seal Insulating Glass	5890	Yong Feng Tai Foshan City Glass Co., LTD.
5518	Trulite Glass and Aluminum Solutions	5733	Thermal Seal Insulating Glass	5891	Yong Feng Tai Foshan City Glass Co., LTD.
5532	Xinyi Glass (Tianjin) Co. Ltd.	5734	Thermal Seal Insulating Glass	5892	Yong Feng Tai Foshan City Glass Co., LTD.
5533	Xinyi Glass (Tianjin) Co. Ltd.	5735	Thermal Seal Insulating Glass	5893	Yong Feng Tai Foshan City Glass Co., LTD.
5534	Xinyi Glass (Tianjin) Co. Ltd.	5736	Thermal Seal Insulating Glass	5894	Yong Feng Tai Foshan City Glass Co., LTD.
5535	Xinyi Glass (Tianjin) Co. Ltd.	5737	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.	5896	Trulite Glass and Aluminum Solutions
5536	Xinyi Glass (Tianjin) Co. Ltd.	5738	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.	5897	Trulite Glass and Aluminum Solutions
5566	Rizhao Huaye Glass Co., Ltd.	5746	Trulite Glass and Aluminum Solutions	5904	Oldcastle BuildingEnvelope®
5567	Rizhao Huaye Glass Co., Ltd.	5747	Trulite Glass and Aluminum Solutions	5910	Cardinal IG
5568	Rizhao Huaye Glass Co., Ltd.	5750	General Glass	5911	Cardinal IG
5569	Rizhao Huaye Glass Co., Ltd.	5751	General Glass	5912	Cardinal IG
5570	Rizhao Huaye Glass Co., Ltd.	5755	Cat-I Manufacturing, Inc.	5917	U.S. Glass Distributors Inc.
5571	Rizhao Huaye Glass Co., Ltd.	5756	Shower Doors & More Inc.	5918	U.S. Glass Distributors Inc.
5572	Rizhao Huaye Glass Co., Ltd.	5757	Shower Doors & More Inc.	5920	U.S. Glass Distributors Inc.
5574	Aldora Aluminum and Glass Products, Inc.	5758	Shower Doors & More Inc.	5921	U.S. Glass Distributors Inc.
5575	Aldora Aluminum and Glass Products, Inc.	5759	Shower Doors & More Inc.	5922	U.S. Glass Distributors Inc.
5576	Aldora Aluminum and Glass Products, Inc.	5762	Tristar Glass, Inc.	5923	U.S. Glass Distributors Inc.
5577	Aldora Aluminum and Glass Products, Inc.	5763	Robover Inc.	5924	U.S. Glass Distributors Inc.
5579	Aldora Aluminum and Glass Products, Inc.	5764	Robover Inc.	5925	U.S. Glass Distributors Inc.
5585	Wisconsin Shower Door & Supply Corp	5772	New Angle Beveling	5926	U.S. Glass Distributors Inc.
5587	Wisconsin Shower Door & Supply Corp	5773	New Angle Beveling	5927	U.S. Glass Distributors Inc.
5588	Wisconsin Shower Door & Supply Corp	5774	New Angle Beveling	5939	Strong Tempering Glass Industry LLC
5589	Wisconsin Shower Door & Supply Corp	5775	New Angle Beveling	5940	Strong Tempering Glass Industry LLC
5590	Wisconsin Shower Door & Supply Corp	5776	New Angle Beveling	5941	Strong Tempering Glass Industry LLC
5592	Wisconsin Shower Door & Supply Corp	5781	Vidrio Duro de Mexico S.A. de C.V.	5942	Strong Tempering Glass Industry LLC
5594	Wisconsin Shower Door & Supply Corp	5782	Trulite Glass and Aluminum Solutions	5946	M3 Glass Technologies
5595	Wisconsin Shower Door & Supply Corp	5788	GnT Glass Co., Ltd.	5947	M3 Glass Technologies
5596	Wisconsin Shower Door & Supply Corp	5789	GnT Glass Co., Ltd.	5973	Kensington Glass Arts
5597	Wisconsin Shower Door & Supply Corp	5790	GnT Glass Co., Ltd.	5974	Kensington Glass Arts
5598	Glass and Mirror Craft	5835	Allglass Tempering Inc.	5975	Kensington Glass Arts
5610	Prelco Inc.	5836	Allglass Tempering Inc.	5976	Kensington Glass Arts
5611	Prelco Inc.	5837	Allglass Tempering Inc.	5977	Kensington Glass Arts
5635	ATI Windows	5838	Allglass Tempering Inc.	5979	Xianning CSG Energy Conservation Glass Co., LTD.
5636	ATI Windows	5839	Allglass Tempering Inc.	5980	Xianning CSG Energy Conservation Glass Co., LTD.
5637	ATI Windows	5840	Vidrio Duro de Mexico S.A. de C.V.		
5638	ATI Windows	5842	Cardinal CT		
		5845	PRESS GLASS SP ZOO		
		5846	PRESS GLASS SP ZOO		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5981	Xianning CSG Energy Conservation Glass Co., LTD.	6086	W.C.P., Inc dba West Coast Insulated Glass Products	6174	Cardinal CT
5982	Xianning CSG Energy Conservation Glass Co., LTD.	6087	W.C.P., Inc dba West Coast Insulated Glass Products	6186	Sierra Glass Fabrication Inc.
5983	Xianning CSG Energy Conservation Glass Co., LTD.	6088	W.C.P., Inc dba West Coast Insulated Glass Products	6189	Trulite Glass and Aluminum Solutions
5986	GlassFab Tempering Services Inc. Holly Drive	6089	W.C.P., Inc dba West Coast Insulated Glass Products	6190	Trulite Glass and Aluminum Solutions
5988	GlassFab Tempering Services Inc. Holly Drive	6090	W.C.P., Inc dba West Coast Insulated Glass Products	6191	Changshu ZhongXin Building Materials Co., Ltd.
5989	GlassFab Tempering Services Inc. Holly Drive	6095	Glasswerks GWT	6204	Stargrup Cam A.S.
5990	GlassFab Tempering Services Inc. Holly Drive	6096	Glasswerks GWT	6205	Stargrup Cam A.S.
5998	Carey Glass UC	6097	Glasswerks GWT	6206	Stargrup Cam A.S.
5999	Carey Glass UC	6098	Glasswerks GWT	6209	Crystal Tempering, Inc.
6000	Carey Glass UC	6099	Anthony International	6210	Crystal Tempering, Inc.
6004	Xianning CSG Energy Conservation Glass Co., LTD.	6102	Trulite Glass and Aluminum Solutions	6211	Crystal Tempering, Inc.
6005	Xianning CSG Energy Conservation Glass Co., LTD.	6103	Trulite Glass and Aluminum Solutions	6212	Crystal Tempering, Inc.
6006	Trulite Glass and Aluminum Solutions	6104	Trulite Glass and Aluminum Solutions	6214	Crystal Tempering, Inc.
6007	Trulite Glass and Aluminum Solutions	6105	Trulite Glass and Aluminum Solutions	6215	Crystal Tempering, Inc.
6008	Trulite Glass and Aluminum Solutions	6106	Trulite Glass and Aluminum Solutions	6216	Crystal Tempering, Inc.
6009	Trulite Glass and Aluminum Solutions	6107	Trulite Glass and Aluminum Solutions	6227	Whalley Glass Co
6020	Gemtron Canada Corporation	6113	Trulite Glass and Aluminum Solutions	6228	Whalley Glass Co
6021	Gemtron Canada Corporation	6114 IN	Trulite Glass and Aluminum Solutions	6243	Quality Enclosures Tempering, Inc.
6027	Midwest Glass Fabricators	6115	Trulite Glass and Aluminum Solutions	6244	Quality Enclosures Tempering, Inc.
6028	Midwest Glass Fabricators	6118	GlassFab Tempering Services Inc. Holly Drive	6245	Quality Enclosures Tempering, Inc.
6029	Midwest Glass Fabricators	6119	Foshan Gaoming Yaqi Toughened Glass	6246	Quality Enclosures Tempering, Inc.
6030	Midwest Glass Fabricators	6120	Foshan Gaoming Yaqi Toughened Glass	6247	Quality Enclosures Tempering, Inc.
6031	Midwest Glass Fabricators	6121	Foshan Gaoming Yaqi Toughened Glass	6248	Quality Enclosures Tempering, Inc.
6032	Midwest Glass Fabricators	6122	Foshan Gaoming Yaqi Toughened Glass	6249	Quality Enclosures Tempering, Inc.
6033	Midwest Glass Fabricators	6123	Foshan Gaoming Yaqi Toughened Glass	6271 IN	Ningbo Xinxin Glass Technology Co., Ltd
6034	Midwest Glass Fabricators	6124	Foshan Gaoming Yaqi Toughened Glass	6272	Ningbo Xinxin Glass Technology Co., Ltd
6037	Midwest Glass Fabricators	6125	Shanghai Zhenzhen Glassware Co., LTD.	6273 IN	Ningbo Xinxin Glass Technology Co., Ltd
6047	GLASPRO	6126	Shanghai Zhenzhen Glassware Co., LTD.	6274	Ningbo Xinxin Glass Technology Co., Ltd
6048	GLASPRO	6135	BVGLAZING SYSTEMS	6277	Manko Window Systems
6061	Trulite Glass & Aluminum Solutions Canada, ULC	6136	BVGLAZING SYSTEMS	6278	Manko Window Systems
6062	Trulite Glass & Aluminum Solutions Canada, ULC	6137	BVGLAZING SYSTEMS	6279	Manko Window Systems
6063	Trulite Glass & Aluminum Solutions Canada, ULC	6138	BVGLAZING SYSTEMS	6280	Manko Window Systems
6064	Trulite Glass & Aluminum Solutions Canada, ULC	6139	BVGLAZING SYSTEMS	6286	Manko Windows
6065	Trulite Glass & Aluminum Solutions Canada, ULC	6143	Cardinal CT	6287	Manko Windows
6066	Trulite Glass & Aluminum Solutions Canada, ULC	6144	American Insulated Glass, LLC	6288	Manko Windows
6067	Trulite Glass & Aluminum Solutions Canada, ULC	6145	American Insulated Glass, LLC	6289	Manko Windows
6069	Cardinal IG	6151	Aluminum Manufacturers Co. Ltd - ALUMATEC	6290	Manko Windows
6070	Louisville Plate Glass	6152	Aluminum Manufacturers Co. Ltd - ALUMATEC	6291	Manko Windows
6072	Louisville Plate Glass	6157	U.S. Glass Distributors Inc.	6292	Manko Windows
6073	Louisville Plate Glass	6159	Trulite Glass and Aluminum Solutions	6293	Manko Windows
6074	Louisville Plate Glass	6165	Trulite Glass and Aluminum Solutions	6294	Manko Windows
6075	Louisville Plate Glass	6166	Trulite Glass and Aluminum Solutions	6295	Manko Windows
6079	Sfera SRL	6167	Trulite Glass and Aluminum Solutions	6296	Manko Windows
6084	W.C.P., Inc dba West Coast Insulated Glass Products	6168	Trulite Glass and Aluminum Solutions	6297	Edge Tempering
6085	W.C.P., Inc dba West Coast Insulated Glass Products	6169	Trulite Glass and Aluminum Solutions	6298	Edge Tempering
		6172	Cardinal CT	6299	Edge Tempering
		6173	Cardinal CT	6314	Echols Glass and Mirror, Inc.
				6315	Echols Glass and Mirror, Inc.
				6316	Echols Glass and Mirror, Inc.
				6317	Echols Glass and Mirror, Inc.
				6318	Echols Glass and Mirror, Inc.
				6319	Echols Glass and Mirror, Inc.
				6320	Bel Pre Glassworks Inc.
				6321	Bel Pre Glassworks Inc.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6322	Bel Pre Glassworks Inc.	6470	Bel Shower Door Corporation	6586	Glaz-Tech Industries, Inc.
6324	Bel Pre Glassworks Inc.	6471	Bel Shower Door Corporation	6588	Glaz-Tech Industries, Inc.
6325	Bel Pre Glassworks Inc.	6472	Bel Shower Door Corporation	6597	Glass Enterprises, Inc.
6326	Gulf Glass Industries, LLC	6473	Bel Shower Door Corporation	6598	Glass Enterprises, Inc.
6329	Xinyi Glass (Tianjin) Co. Ltd.	6474	Bel Shower Door Corporation	6599	Glaz-Tech Industries, Inc.
6340	Skyline Design	6475	Changshu ZhongXin Building Materials Co., Ltd.	6600	Glaz-Tech Industries, Inc.
6343	Skyline Design	6476	Luoyang LandGlass Technology Co., LTD	6601	Glaz-Tech Industries, Inc.
6347	Skyline Design	6484 IN	Cardinal LG	6602	Glaz-Tech Industries, Inc.
6350	Skyline Design	6499	Changshu ZhongXin Building Materials Co., Ltd.	6603	Glaz-Tech Industries, Inc.
6364	Woon-Tech Inc.	6500	Changshu ZhongXin Building Materials Co., Ltd.	6604	Glaz-Tech Industries, Inc.
6365	Woon-Tech Inc.	6502	Shape Glass LLC.	6605	Glaz-Tech Industries, Inc.
6366	Woon-Tech Inc.	6503	Shape Glass LLC.	6606	Glaz-Tech Industries, Inc.
6367	Woon-Tech Inc.	6504	Shape Glass LLC.	6607	Glaz-Tech Industries, Inc.
6368	Woon-Tech Inc.	6505	Shape Glass LLC.	6608	Glaz-Tech Industries, Inc.
6369	Woon-Tech Inc.	6506	Shape Glass LLC.	6609	Glaz-Tech Industries, Inc.
6372	Portland Glass Manufacturing	6507	Shape Glass LLC.	6610	Glaz-Tech Industries, Inc.
6373	Portland Glass Manufacturing	6508	PRL Glass Systems	6611	Glaz-Tech Industries, Inc.
6375	United Plate Glass Co., Inc.	6510	Portland Glass Manufacturing	6612	Glaz-Tech Industries, Inc.
6377	Hartung Glass Industries	6516	Cardinal CT	6613	Trulite Glass and Aluminum Solutions
6378 IN	Hartung Glass Industries	6517	Productora y Distribuidora de Espejos S.A. de C.V.	6619	JYC Glass Co. Ltd.
6379	Hartung Glass Industries	6518	Productora y Distribuidora de Espejos S.A. de C.V.	6620	JYC Glass Co. Ltd.
6380	Hartung Glass Industries	6519	Unitex Glass Chengdu Co., Ltd	6621	JYC Glass Co. Ltd.
6381	Hartung Glass Industries	6520	Unitex Glass Chengdu Co., Ltd	6622	JYC Glass Co. Ltd.
6382	Hartung Glass Industries	6522	Cardinal IG	6635	Integrity Glass Tempering, LLC.
6388	Trulite Glass and Aluminum Solutions	6523	Cardinal IG	6636	Integrity Glass Tempering, LLC.
6389	Trulite Glass and Aluminum Solutions	6524	Cardinal IG	6637	Integrity Glass Tempering, LLC.
6394	Oldcastle BuildingEnvelope®	6525	Cardinal IG	6639	Dalian Huaying Glass Limited Liability Co.
6404	PRESS GLASS SP ZOO	6534	Cardinal CG	6666	Integrity Glass Tempering, LLC.
6407	Blue Star Glass Inc.	6535	Vistamatic, LLC	6668	Beijing NorthTech Haiyangshunda Glass Ltd.
6409	All Counties Glass	6536	Vistamatic, LLC	6669	Beijing NorthTech Haiyangshunda Glass Ltd.
6410	All Counties Glass	6537	Vistamatic, LLC	6671	Custom Glass Products Inc.
6411	All Counties Glass	6538	Vistamatic, LLC	6676	Zhejiang Jincheng Glass Co., Ltd.
6412	All Counties Glass	6539	Vistamatic, LLC	6684	Changshu Fardglass Co. Ltd.
6413	All Counties Glass	6540	GnT Glass Co., Ltd.	6685	Advanced Design Manufacturing
6414	All Counties Glass	6552	Cardinal CG	6686	Advanced Design Manufacturing
6415	All Counties Glass	6556	Cardinal IG	6688	Patriot Armored Systems, LLC
6416	Pulp Studio, Inc.	6557	Cardinal IG	6689	Patriot Armored Systems, LLC
6418	Tengzhou Fenghua Glass Co., LTD	6559	Cardinal IG	6690	Patriot Armored Systems, LLC
6419	Tengzhou Fenghua Glass Co., LTD	6566	Northwestern Industries - Arizona, Inc.	6691	Patriot Armored Systems, LLC
6420	Tengzhou Fenghua Glass Co., LTD	6567	Northwestern Industries - Arizona, Inc.	6698	Temp Glass Inc.
6421	Tengzhou Fenghua Glass Co., LTD	6568	Northwestern Industries - Arizona, Inc.	6699	Temp Glass Inc.
6422	Tengzhou Fenghua Glass Co., LTD	6569	Northwestern Industries - Arizona, Inc.	6700	Temp Glass Inc.
6424	Tengzhou Fenghua Glass Co., LTD	6574	Glaz-Tech Industries, Inc.	6701	Temp Glass Inc.
6425	Tengzhou Fenghua Glass Co., LTD	6575	Glaz-Tech Industries, Inc.	6706	Glassbel Baltic
6426	Tengzhou Fenghua Glass Co., LTD	6576	Glaz-Tech Industries, Inc.	6707	Glassbel Baltic
6433	WinTech	6577	Glaz-Tech Industries, Inc.	6708	Glassbel Baltic
6434	WinTech	6578	Glaz-Tech Industries, Inc.	6709	Glassbel Baltic
6440	Quality Enclosures	6579	Glaz-Tech Industries, Inc.	6713	Glaz-Tech Industries, Inc.
6441	Quality Enclosures	6580	Glaz-Tech Industries, Inc.	6715	Tempco Glass
6442	Quality Enclosures	6581	Glaz-Tech Industries, Inc.	6716	Procesadora De Jalisco S.A. DE C.V. - Queretaro
6443	Quality Enclosures	6582	Glaz-Tech Industries, Inc.	6717	Procesadora De Jalisco S.A. DE C.V. - Queretaro
6444	Quality Enclosures	6583	Glaz-Tech Industries, Inc.	6718	Procesadora de Jalisco, S.A. DE C.V.
6445	Quality Enclosures	6584	Glaz-Tech Industries, Inc.	6719	Procesadora de Jalisco, S.A. DE C.V.
6446	Quality Enclosures	6585	Glaz-Tech Industries, Inc.	6720	Procesadora de Jalisco, S.A. DE C.V.
6447	Trulite Glass and Aluminum Solutions				
6453	Yitian (Cattis) Glass Product Co., Ltd				
6454	Yitian (Cattis) Glass Product Co., Ltd				
6455	Yitian (Cattis) Glass Product Co., Ltd				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6723	Cardinal CG	6861	C&C Custom Glass & Tempering, LLC	7038	Sunfire Glass, Inc.
6728	Oldcastle BuildingEnvelope®	6862	C&C Custom Glass & Tempering, LLC	7039 IN	Oldcastle BuildingEnvelope®
6729	Oldcastle BuildingEnvelope®	6877	Yong Feng Tai Foshan City Glass Co., LTD.	7050	Sichuan CSG Energy Conservation Glass Co., Ltd.
6730	Oldcastle BuildingEnvelope®	6879	Yong Feng Tai Foshan City Glass Co., LTD.	7051	Sichuan CSG Energy Conservation Glass Co., Ltd.
6733	Northwestern Glass Fab	6886	Precision Glass Industries	7052	Sichuan CSG Energy Conservation Glass Co., Ltd.
6734	Northwestern Glass Fab	6887	Precision Glass Industries	7053	Sichuan CSG Energy Conservation Glass Co., Ltd.
6735	Northwestern Glass Fab	6888	Precision Glass Industries	7054	Sichuan CSG Energy Conservation Glass Co., Ltd.
6736	Northwestern Glass Fab	6889	Precision Glass Industries	7055	Sichuan CSG Energy Conservation Glass Co., Ltd.
6737	Northwestern Glass Fab	6890	Multiver	7062	Innovative Glass Products LLC
6738	PAN- DUR Glass GmbH	6891	Aluminum Manufacturers Co. Ltd - ALUMATEC	7063	Innovative Glass Products LLC
6739	PAN- DUR Glass GmbH	6894	Les Verres VMIK Inc.	7064	Innovative Glass Products LLC
6759	Trulite Glass and Aluminum Solutions	6895	Les Verres VMIK Inc.	7065	Innovative Glass Products LLC
6776	Qingdao Ideal Building Material Co. Ltd.	6896	Les Verres VMIK Inc.	7066	Yong Feng Tai Foshan City Glass Co., LTD.
6777	Qingdao Ideal Building Material Co. Ltd.	6897	Les Verres VMIK Inc.	7067	Cardinal IG
6782	Blue Star Glass Inc.	6903	Beijing Wuhuatianbao Glass Co., Ltd.	7072	Tristar Glass, Inc.
6784	Wujiang CSG Huadong Architectural Glass Co., LTD	6904	Beijing Wuhuatianbao Glass Co., Ltd.	7075	W.C.P., Inc dba West Coast Insulated Glass Products
6785	Wujiang CSG Huadong Architectural Glass Co., LTD	6905	Beijing Wuhuatianbao Glass Co., Ltd.	7076	W.C.P., Inc dba West Coast Insulated Glass Products
6786	Wujiang CSG Huadong Architectural Glass Co., LTD	6906	Beijing Wuhuatianbao Glass Co., Ltd.	7079	LTi Smart Glass, Inc.
6787	Wujiang CSG Huadong Architectural Glass Co., LTD	6907	Beijing Wuhuatianbao Glass Co., Ltd.	7080	Tristar Glass, Inc.
6788	Wujiang CSG Huadong Architectural Glass Co., LTD	6908	Beijing Wuhuatianbao Glass Co., Ltd.	7083	Vitro Architectural Glass
6789	Wujiang CSG Huadong Architectural Glass Co., LTD	6909	Beijing Wuhuatianbao Glass Co., Ltd.	7085	White Aluminum Enterprises LLC
6803	Viwinco, Inc.	6910	Beijing Wuhuatianbao Glass Co., Ltd.	7086	Trulite Glass and Aluminum Solutions
6810	Chongqing SYP Engineering Glass Co., Ltd.	6918	24 Hour Thermal Glass Insulated Ltd.	7097	Integrity Glass Tempering, LLC.
6811	Chongqing SYP Engineering Glass Co., Ltd.	6919	24 Hour Thermal Glass Insulated Ltd.	7100	Fountain Glass Inc.
6812	Chongqing SYP Engineering Glass Co., Ltd.	6920	24 Hour Thermal Glass Insulated Ltd.	7101	Fountain Glass Inc.
6813	Chongqing SYP Engineering Glass Co., Ltd.	6921	Glasswerks GWLA- East	7102	Fountain Glass Inc.
6816	Valentini Glass & Components srl	6922	LTi Smart Glass, Inc.	7103	Fountain Glass Inc.
6826	Manko Window Systems- KS	6923	LTi Smart Glass, Inc.	7104	Fountain Glass Inc.
6827	Manko Window Systems- KS	6924	LTi Smart Glass, Inc.	7105	Fountain Glass Inc.
6828	Manko Window Systems- KS	6925	LTi Smart Glass, Inc.	7106	Fountain Glass Inc.
6829	Manko Window Systems- KS	6926	LTi Smart Glass, Inc.	7110	Qingdao Laurel Glass Technology Co., Ltd
6830	Manko Window Systems- KS	6927	South Bay Showers, Inc.	7117	Vitrum Industries Ltd.
6833	Manko Window Systems- KS	6928	South Bay Showers, Inc.	7118	Vitrum Industries Ltd.
6834	Manko Window Systems- KS	6947	Shape Glass LLC.	7119	Vitrum Industries Ltd.
6835	Manko Window Systems- KS	6962	C&C Custom Glass & Tempering, LLC	7120	Vitrum Industries Ltd.
6836	Manko Window Systems- KS	6963	PRESS GLASS SP ZOO	7122	Vitrum Industries Ltd.
6842	Cardinal CT	6972	Bronco Industries, Inc.	7125	Qingdao Laurel Glass Technology Co., Ltd
6845	Ningbo Xinxin Glass Technology Co., Ltd	6973	Bronco Industries, Inc.	7126	Qingdao Laurel Glass Technology Co., Ltd
6848	Xinyi Glass (Yingkou) Co., Ltd.	6974	Bronco Industries, Inc.	7149 IN	Precision Glass Bending Corporation
6849	Xinyi Glass (Yingkou) Co., Ltd.	6978	Multiver Ltee	7150 IN	Precision Glass Bending Corporation
6850	Xinyi Glass (Yingkou) Co., Ltd.	6980	Multiver Ltee	7151 IN	Precision Glass Bending Corporation
6851	Xinyi Glass (Yingkou) Co., Ltd.	7006	Novatech Group Inc.	7152 IN	Precision Glass Bending Corporation
6854	C&C Custom Glass & Tempering, LLC	7007	Novatech Group Inc.	7153 IN	Precision Glass Bending Corporation
6855	C&C Custom Glass & Tempering, LLC	7008	Novatech Group Inc.	7156	US Glass Tempering Inc.
6856	C&C Custom Glass & Tempering, LLC	7010 IN	Hartung Glass Industries	7157	US Glass Tempering Inc.
6857	C&C Custom Glass & Tempering, LLC	7011	Hartung Glass Industries	7159	US Glass Tempering Inc.
6858	C&C Custom Glass & Tempering, LLC	7012	Hartung Glass Industries	7160	US Glass Tempering Inc.
6859	C&C Custom Glass & Tempering, LLC	7018	Trulite Glass and Aluminum Solutions	7161	US Glass Tempering Inc.
6860 IN	C&C Custom Glass & Tempering, LLC	7022	Maryland Glass & Mirror	7165	La Tecnica Nel Vetro SpA
		7024	GlassFab Tempering Services Inc.		
			Holly Drive		
		7030	Uniglass		
		7031	Uniglass		
		7032	Uniglass		
		7033	Sunfire Glass, Inc.		
		7036	Sunfire Glass, Inc.		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7166	La Tecnica Nel Vetro SpA	7312	ProTemp Glass, Inc.	7463	AdvanTec
7167	La Tecnica Nel Vetro SpA	7313	ProTemp Glass, Inc.	7464	AdvanTec
7168	La Tecnica Nel Vetro SpA	7314	ProTemp Glass, Inc.	7465	AdvanTec
7170	BKSC Glass LLC	7315	ProTemp Glass, Inc.	7466	AdvanTec
7171	BKSC Glass LLC	7316	ProTemp Glass, Inc.	7467	AdvanTec
7172	BKSC Glass LLC	7317	Cardinal CT	7468	AdvanTec
7173	BKSC Glass LLC	7318	Cardinal CT	7471	Niskayuna Glass
7174	La Tecnica Nel Vetro SpA	7319	Cardinal CT	7472	Niskayuna Glass
7182 IN	Fujian Chengda Glass Co., Ltd	7320	Cardinal CT	7473	Niskayuna Glass
7183 IN	Fujian Chengda Glass Co., Ltd	7321	Cardinal CT	7477	White Aluminum Enterprises LLC
7185	Fujian Chengda Glass Co., Ltd	7322	Cardinal CT	7478 IN	General Glass
7186	Fujian Chengda Glass Co., Ltd	7323	Cardinal CT	7481	Prelco MTL Inc.
7187	Fujian Chengda Glass Co., Ltd	7335	Shandong Yaohua Glass Co., Ltd.	7482	Prelco MTL Inc.
7188	Fujian Chengda Glass Co., Ltd	7336	Shandong Yaohua Glass Co., Ltd.	7483	Prelco MTL Inc.
7192	Compagnie de Portes Energetique EDC (Energy Door Company)	7337	Shandong Yaohua Glass Co., Ltd.	7484	Prelco MTL Inc.
7197	Aluminum Technology Auxiliary Industries	7338	Shandong Yaohua Glass Co., Ltd.	7485	Prelco MTL Inc.
7198	Aluminum Technology Auxiliary Industries	7346	Aluminum Manufacturers Co. Ltd - ALUMATEC	7486	Al Andalus Glass Factory Co.
7227	Mid-American Glass	7349	Southern Wholesale Glass, Inc.	7487	Al Andalus Glass Factory Co.
7228	Mid-American Glass	7350	Southern Wholesale Glass, Inc.	7491	Cardinal IG
7229	Mid-American Glass	7358	Lien Yeu GLASSTECH (M) SDN BHD	7492	Vetrodomus SpA
7230	Mid-American Glass	7359	Lien Yeu GLASSTECH (M) SDN BHD	7493	Vetrodomus SpA
7231	Mid-American Glass	7360	Lien Yeu GLASSTECH (M) SDN BHD	7494	Vetrodomus SpA
7232	Mid-American Glass	7361	Lien Yeu GLASSTECH (M) SDN BHD	7496	Cardinal LG Northeast
7235	Inter Fonction Ltee	7362	Lien Yeu GLASSTECH (M) SDN BHD	7497	Cardinal LG Northeast
7239	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7363	Guangdong Haikong Special Glass Technology Co., Ltd.	7498	Cardinal LG Northeast
7240	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7364	Guangdong Haikong Special Glass Technology Co., Ltd.	7499	Cardinal LG Northeast
7241	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7365	Guangdong Haikong Special Glass Technology Co., Ltd.	7500	Cardinal LG Northeast
7243	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7366	Guangdong Haikong Special Glass Technology Co., Ltd.	7509	PRESS GLASS SP ZOO
7247	Qianse Acrylic Co., LTD.	7367	Guangdong Haikong Special Glass Technology Co., Ltd.	7510	PRESS GLASS SP ZOO
7250	Oldcastle BuildingEnvelope®	7368	Guangdong Haikong Special Glass Technology Co., Ltd.	7511	PRESS GLASS SP ZOO
7251	Simonton Windows	7374	Advanced Impact Technologies	7512	PRESS GLASS SP ZOO
7252	South Bay Showers, Inc.	7375	Advanced Impact Technologies	7513	PRESS GLASS SP ZOO
7254	South Bay Showers, Inc.	7376	Advanced Impact Technologies	7514	PRESS GLASS SP ZOO
7268	Jinzhou Fortune Spring Glass Co., Ltd.	7377	Advanced Impact Technologies	7530	Vitrum Industries Ltd. (Calgary)
7269	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7378	Advanced Impact Technologies	7531	Vitrum Industries Ltd. (Calgary)
7276	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7381	Vitrum Industries Ltd.	7532	Vitrum Industries Ltd. (Calgary)
7277	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	7382	ProTemp Glass, Inc.	7533	Vitrum Industries Ltd. (Calgary)
7280	Edge Tempering	7397	Oldcastle BuildingEnvelope® Canada Inc.	7534	Vitrum Industries Ltd. (Calgary)
7285	Tempco Glass	7398	Oldcastle BuildingEnvelope® Canada Inc.	7535	Vitrum Industries Ltd. (Calgary)
7298	Glasstech Industries B.S.C.	7401	Vitelsa Mosquera	7536	SAAND London
7299	Glasstech Industries B.S.C.	7410	ProTemp Glass, Inc.	7543	Clinton Glass Company (Middlebrook Pike)
7300	Glasstech Industries B.S.C.	7411	ProTemp Glass, Inc.	7544	Clinton Glass Company (Middlebrook Pike)
7307	Aldora Aluminum and Glass Products, Inc.	7418	Accurate Glass Products	7545	Clinton Glass Company (Middlebrook Pike)
7308	Aldora Aluminum and Glass Products, Inc.	7419	Accurate Glass Products	7549	Cardinal LG Northeast
7309	Aldora Aluminum and Glass Products, Inc.	7420	Accurate Glass Products	7550	Cardinal LG Northeast
7310	Aldora Aluminum and Glass Products, Inc.	7421	Accurate Glass Products	7551	Central Valley Glass & Screen, Inc.
7311	Aldora Aluminum and Glass Products, Inc.	7422 IN	Oldcastle BuildingEnvelope®	7552	Central Valley Glass & Screen, Inc.
		7446	TG Taicang Architectural Glass Co. Ltd	7553	Central Valley Glass & Screen, Inc.
		7447	TG Taicang Architectural Glass Co. Ltd	7554	Central Valley Glass & Screen, Inc.
		7448	TG Taicang Architectural Glass Co. Ltd	7555	Central Valley Glass & Screen, Inc.
		7449	TG Taicang Architectural Glass Co. Ltd	7556	Central Valley Glass & Screen, Inc.
		7450	TG Taicang Architectural Glass Co. Ltd	7562	Beijing NorthTech Haiyangshunda Glass Ltd.
				7565	Complete Line Glass Wholesalers, Inc.
				7566	Complete Line Glass Wholesalers, Inc.
				7567	Complete Line Glass Wholesalers, Inc.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7568	Complete Line Glass Wholesalers, Inc.	7686	M Industria S.A. DE C.V.	7812	Press Glass Inc.
7569	Complete Line Glass Wholesalers, Inc.	7687	M Industria S.A. DE C.V.	7813	Press Glass Inc.
7570	Complete Line Glass Wholesalers, Inc.	7693	Mr. Glass LLC.	7814	Press Glass Inc.
7572	Complete Line Glass Wholesalers, Inc.	7695	GlassTemp, Inc.	7815	Press Glass Inc.
7574	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7696	GlassTemp, Inc.	7816	Press Glass Inc.
7575	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7697	GlassTemp, Inc.	7825	Valentini Glass & Components srl
7576	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7703	Wholesale Glass Dist.	7826	Valentini Glass & Components srl
7577	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7708	M Industria S.A. DE C.V.	7828	Trulite Glass and Aluminum Solutions
7578	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	7709	M Industria S.A. DE C.V.	7831	Clinton Glass Company (Middlebrook Pike)
7579	Stargrup Cam A.S.	7712	Echols Glass and Mirror, Inc.	7834	American Insulated Glass LLC.
7580	Trulite Glass and Aluminum Solutions	7717	Foshan Gaoming Yaqi Toughened Glass	7835	American Insulated Glass LLC.
7590	Tristar Glass, Inc.	7719	Vitelsa Mosquera	7836	American Insulated Glass LLC.
7605	Precision Glass Industries	7720	Vitrum Industries Ltd.	7837	American Insulated Glass LLC.
7609	Erdem Dis Ticaret A.S.	7721	Vitrum Industries Ltd.	7840	Dolphin Glass Specialists, LLC
7610	Erdem Dis Ticaret A.S.	7722	Vitrum Industries Ltd.	7843	Patio Enclosures
7611	Erdem Dis Ticaret A.S.	7723	Vitrum Industries Ltd.	7844	Produits Verrier International Inc.
7622	Luoyang LandGlass Technology Co., LTD	7735	Vidrio Plano De Mexico S.A. DE C.V.	7847	Oldcastle BuildingEnvelope®
7626	D3 Glass, LLC	7736	Glaz-Tech Industries, Inc.	7848	Oldcastle BuildingEnvelope®
7627	D3 Glass, LLC	7737	Glaz-Tech Industries, Inc.	7849	Oldcastle BuildingEnvelope®
7628	D3 Glass, LLC	7738	Glaz-Tech Industries, Inc.	7850	Oldcastle BuildingEnvelope®
7629	D3 Glass, LLC	7739	Glaz-Tech Industries, Inc.	7851	Aldora Aluminum and Glass Products, Inc.
7630	Cleer Vision Tempered Glass	7741	WHTB Glass, LLC	7853	Vitralum Glass Solutions Inc.
7640	Senneca Holdings Inc. (Thermoseal Brand)	7742	WHTB Glass, LLC	7855	Vetreria F. Illi Paci S.R.L.
7641	Senneca Holdings Inc. (Thermoseal Brand)	7743	WHTB Glass, LLC	7856	Vetreria F. Illi Paci S.R.L.
7642	Senneca Holdings Inc. (Thermoseal Brand)	7744	WHTB Glass, LLC	7857	Vetreria F. Illi Paci S.R.L.
7643	Aldora Aluminum and Glass Products, Inc.	7745	WHTB Glass, LLC	7860	Pulp Studio, Inc.
7644	Aldora Aluminum and Glass Products, Inc.	7753	Splendor Shower Door	7868	Gin Jye Ming Glass Co., Ltd.
7645	Aldora Aluminum and Glass Products, Inc.	7754	Splendor Shower Door	7873	Ningbo Xinxin Glass Technology Co., Ltd
7646	Aldora Aluminum and Glass Products, Inc.	7755	Splendor Shower Door	7874	Fujian Chengda Glass Co., Ltd
7647	Aldora Aluminum and Glass Products, Inc.	7756	Splendor Shower Door	7875	American Insulated Glass LLC.
7652	Philly Glass Industry Inc.	7757	Splendor Shower Door	7876	American Insulated Glass LLC.
7653	Philly Glass Industry Inc.	7758	Splendor Shower Door	7878	Trulite Glass and Aluminum Solutions
7654	Philly Glass Industry Inc.	7759	Splendor Shower Door	7880	Templados Industriales S.A. de C.V.
7655	Philly Glass Industry Inc.	7761	Splendor Shower Door	7881	Templados Industriales S.A. de C.V.
7656 IN	Philly Glass Industry Inc.	7766	Novavetro S.r.l.	7889	United Plate Glass of Maryland LLC
7657 IN	Philly Glass Industry Inc.	7769	Novavetro S.r.l.	7890	United Plate Glass of Maryland LLC
7658	SAAND London	7770	Novavetro S.r.l.	7891	United Plate Glass of Maryland LLC
7659	Quest USA, Inc.	7771	Novavetro S.r.l.	7892	United Plate Glass of Maryland LLC
7660	Mr. Glass LLC.	7772	Novavetro S.r.l.	7896	Woodbridge Glass Distribution Inc.
7662	Mr. Glass LLC.	7773	Novavetro S.r.l.	7897	Woodbridge Glass Distribution Inc.
7670	Sierra Glass Fabrication Inc.	7784	Fujian Tider Glass Co., Ltd.	7898	Woodbridge Glass Distribution Inc.
7671	Mercer Glass Fab LLC	7785	Fujian Tider Glass Co., Ltd.	7899	Woodbridge Glass Distribution Inc.
7672	Accurate Glass Products	7786	Fujian Tider Glass Co., Ltd.	7900	Woodbridge Glass Distribution Inc.
7681	Qingdao Kingdom Glass Co., Ltd.	7787	Fujian Tider Glass Co., Ltd.	7901	Woodbridge Glass Distribution Inc.
7682	M Industria S.A. DE C.V.	7788	Fujian Tider Glass Co., Ltd.	7902	Woodbridge Glass Distribution Inc.
7683	M Industria S.A. DE C.V.	7789	Fujian Tider Glass Co., Ltd.	7903	Woodbridge Glass Distribution Inc.
7684	M Industria S.A. DE C.V.	7790	Vitrum Industries Ltd.	7904	Woodbridge Glass Distribution Inc.
7685	M Industria S.A. DE C.V.	7791	Control Glass, A&S, S.L.	7905	Woodbridge Glass Distribution Inc.
		7792	Control Glass, A&S, S.L.	7909	Oldcastle BuildingEnvelope®
		7793	Control Glass, A&S, S.L.	7910	Oldcastle BuildingEnvelope®
		7800	Prelco Inc.	7911	Oldcastle BuildingEnvelope®
		7807	Pulp Studio, Inc.	7912	Oldcastle BuildingEnvelope®
		7808	Pulp Studio, Inc.	7913	Oldcastle BuildingEnvelope®
		7809	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror	7914	Oldcastle BuildingEnvelope®
		7810	Press Glass Inc.	7915	Oldcastle BuildingEnvelope®
		7811	Press Glass Inc.	7916	Shandong Kingtom Glass Co., Ltd.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7917	Shandong Kingtom Glass Co., Ltd.	8024	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8134	Cardinal CT
7918	Shandong Kingtom Glass Co., Ltd.	8025	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8137	BG Glass Technologies Inc.
7919	Shandong Kingtom Glass Co., Ltd.	8026	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8138	BG Glass Technologies Inc.
7920	Midwest Glass Fabricators	8030	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8139	BG Glass Technologies Inc.
7923	Yildiz Cam San. Tic. A.S.	8031	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8140	BG Glass Technologies Inc.
7924	Yildiz Cam San. Tic. A.S.	8032	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8141	BG Glass Technologies Inc.
7926	Cardinal IG	8036	Wolverine Glass Products, Inc.	8142	Zhongshan Walle Glass Product Co., Ltd
7935	Quaker Window Products, Inc.	8037	Wolverine Glass Products, Inc.	8143	Zhongshan Walle Glass Product Co., Ltd
7948	Xiamen Shiner Glass Co., Ltd.	8038	Lien Yeu GLASSTECH (M) SDN BHD	8144	Zhongshan Walle Glass Product Co., Ltd
7949	Xiamen Shiner Glass Co., Ltd.	8048	Intigral	8151	GlassTemp, Inc.
7950	Xiamen Shiner Glass Co., Ltd.	8050	TEMCOR S. DE RL DE CV	8157	Extrusiones de Aluminio, S.A.
7952	Technical Glass Company	8051	TEMCOR S. DE RL DE CV	8158	Extrusiones de Aluminio, S.A.
7953	Technical Glass Company	8054	M Industria S.A. DE C.V.	8159	Extrusiones de Aluminio, S.A.
7954	Technical Glass Company	8055	M Industria S.A. DE C.V.	8165	Mirror Works Inc.
7955	Technical Glass Company	8056	M Industria S.A. DE C.V.	8166	Mirror Works Inc.
7957	Yakut Cam A.S	8057	ATI Windows	8168	Mirror Works Inc.
7958	Yakut Cam A.S	8058	ATI Windows	8174	Dallas Flat Glass
7959	Yakut Cam A.S	8061	Lippert Components	8175	LongDing Glass Production Co., Ltd.
7960	Yakut Cam A.S	8062	Lippert Components	8176	LongDing Glass Production Co., Ltd.
7974	Guangdong South Star Glass Limited	8063	Qingdao Laurel Glass Technology Co., Ltd	8181	W.C.P., Inc dba West Coast Insulated Glass Products
7975	Guangdong South Star Glass Limited	8066	Maryland Glass & Mirror	8185	Engineered Glass Products, L.L.C.
7976	Guangdong South Star Glass Limited	8076	Cat-I Manufacturing, Inc.	8188	Tacoma Glass Mfg. Inc.
7977	Guangdong South Star Glass Limited	8077	J&Y Glass Services	8189	Tacoma Glass Mfg. Inc.
7978	Guangdong South Star Glass Limited	8078	J&Y Glass Services	8190	Tacoma Glass Mfg. Inc.
7980	Nashville Tempered Glass LLC	8079	J&Y Glass Services	8191	Trulite Glass and Aluminum Solutions
7981	Wolverine Glass Products, Inc.	8085	3 Form	8192	Rohden Vidros LTDA (Unidade 2)
7982	Wolverine Glass Products, Inc.	8086	Sfera SRL	8198	Panoramic Doors LLC
7983	Wolverine Glass Products, Inc.	8087	Sfera SRL	8199	Intigral
7984	Wolverine Glass Products, Inc.	8089	Inter Fonction Ltee	8200	Intigral
7985	Wolverine Glass Products, Inc.	8090	Sunglas Technics Co., Ltd.	8205	Zhejiang Jincheng Glass Co., Ltd.
7986	Wolverine Glass Products, Inc.	8091	Guardian Fabrication, LLC	8206	Zhejiang Jincheng Glass Co., Ltd.
7987	Wolverine Glass Products, Inc.	8098	American Insulated Glass, LLC	8209	Zhejiang Jincheng Glass Co., Ltd.
7988	Control Glass, A&S, S.L.	8099	American Insulated Glass, LLC	8213	Brick Glass
7994	Hartung Glass Industries	8100	Pingdingshan Youbo Glass Technology Co., Ltd.	8214	Brick Glass
7995	ATI Windows	8103	Rohden Vidros LTDA (Unidade 2)	8215	Brick Glass
7996	US Glass Tempering Inc.	8105	Vetreria F. Illi Paci S.R.L.	8216	Qingdao Pioneer Glass Co.,Ltd.
7998	Trulite Glass and Aluminum Solutions	8106	Basco Engineered Products	8218	All Team Glass & Mirror, Ltd.
7999	Trulite Glass and Aluminum Solutions	8107	Vitalum Glass Solutions Inc.	8219	Stargrup Cam A.S.
8000	PT Abebersa Pratama	8116	VA Glass, LLC.	8220	Stargrup Cam A.S.
8001	Guardian Fabrication, LLC	8117	Blackline Aluminum Systems	8224	G.E. Silliker & Sons Ltd.
8002	Guardian Fabrication, LLC	8118	Blackline Aluminum Systems	8225	G.E. Silliker & Sons Ltd.
8003	Guardian Fabrication, LLC	8119	Blackline Aluminum Systems	8226	G.E. Silliker & Sons Ltd.
8004	Guardian Fabrication, LLC	8120	Blackline Aluminum Systems	8227	G.E. Silliker & Sons Ltd.
8005	Guardian Fabrication, LLC	8121	Laurier Architectural	8228	G.E. Silliker & Sons Ltd.
8006	Guardian Fabrication, LLC	8122	Laurier Architectural	8229	G.E. Silliker & Sons Ltd.
8007	Guardian Fabrication, LLC	8123	Laurier Architectural	8230	G.E. Silliker & Sons Ltd.
8008	Guardian Fabrication, LLC	8124	Laurier Architectural	8231 IN	G.E. Silliker & Sons Ltd.
8009	Guardian Fabrication, LLC	8125	Laurier Architectural	8232	G.E. Silliker & Sons Ltd.
8010	Guardian Fabrication, LLC	8127	Window Creations, LLC	8233	EFCO Corporation
8011	Guardian Fabrication, LLC	8128	Window Creations, LLC	8234	Yantai Dongfang Glass Co., Ltd
8012	Guardian Fabrication, LLC	8129	Window Creations, LLC	8235	Yantai Dongfang Glass Co., Ltd
8013	Guardian Fabrication, LLC	8130 IN	Window Creations, LLC	8236	Yantai Dongfang Glass Co., Ltd
8019	Qingdao Laurel Glass Technology Co., Ltd			8237	Ace Safety Glass Co., Ltd.
8020	Qingdao Laurel Glass Technology Co., Ltd			8241	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8023	Fujian Domoo Sanitary Ware Technology Co., Ltd.				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8242	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8373	Treaty City Industries Inc.	8462	American Insulated Glass Inc.
8243	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8374 IN	Treaty City Industries Inc.	8463	American Insulated Glass Inc.
8244	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8377	Premier Glass Products	8464	Rider Glass Company Limited
8252	Norfinch Glass & Mirror Mfg. Ltd.	8378	Premier Glass Products	8465	Rider Glass Company Limited
8253	Norfinch Glass & Mirror Mfg. Ltd.	8379	Premier Glass Products	8466	Rider Glass Company Limited
8254	Norfinch Glass & Mirror Mfg. Ltd.	8381	Vidrio Plano De Mexico S.A. DE C.V.	8467	Rider Glass Company Limited
8255	Cardinal LG	8382	Vidrio Plano De Mexico S.A. DE C.V.	8470	Inter Fonction Ltee
8260	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8383	Vidrio Plano De Mexico S.A. DE C.V.	8471	Inter Fonction Ltee
8261	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8385	American Glass Tempering and Fabricators, Inc.	8473	TG Tianjin Glass Co., Ltd.
8262	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8387	American Glass Tempering and Fabricators, Inc.	8474	TG Tianjin Glass Co., Ltd.
8263	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.	8388	American Glass Tempering and Fabricators, Inc.	8476	3 Form
8278	Renin Canada Corp.	8389	American Glass Tempering and Fabricators, Inc.	8477	3 Form
8287	Wexford Viking Glass Limited	8390 IN	American Glass Tempering and Fabricators, Inc.	8478	Novatech Group Inc.
8288	Yantai Bluesky Glass Co., Ltd	8397	Guardian Fabrication - Hialeah Gardens	8480	Cardinal CT
8289	Yantai Bluesky Glass Co., Ltd	8398	Guardian Fabrication - Hialeah Gardens	8481	Cardinal CT
8290	Yantai Bluesky Glass Co., Ltd	8399	Guardian Fabrication - Hialeah Gardens	8482	Cardinal CT
8291	Vitrum Industries Ltd.	8400	Guardian Fabrication - Hialeah Gardens	8484	Xiamen Shiner Glass Co., Ltd.
8292	Vitrum Industries Ltd.	8402	Guardian Fabrication - Hialeah Gardens	8485	Xiamen Shiner Glass Co., Ltd.
8294	Industrial Tempering Glass	8404	Uniglass	8487	NOLA Showers, L.L.C.
8302	Diamond Glass	8406 IN	American Glass Tempering and Fabricators, Inc.	8488	NOLA Showers, L.L.C.
8303	Diamond Glass	8407	Oldcastle BuildingEnvelope®	8489	Inter Fonction Ltee
8304	Diamond Glass	8408	Yorglass Endustriyel Cam Sanayi Ve Ticaret A.S.	8490	Tempered Glass Industries, INC.
8307	Double Seal Insulating Glass Ltd.	8409	Yorglass Endustriyel Cam Sanayi Ve Ticaret A.S.	8491	Tempered Glass Industries, INC.
8308	Double Seal Insulating Glass Ltd.	8410	Qingdao Kingdom Glass Co., Ltd.	8493	Tempered Glass Industries, INC.
8309	Double Seal Insulating Glass Ltd.	8411	Simonton Windows	8494	Tempered Glass Industries, INC.
8310	Double Seal Insulating Glass Ltd.	8414	Nissink Business Glass BV	8495	Zhongli Glass Co., Ltd
8311	Shandong Kingtom Glass Co., Ltd.	8415	Nissink Business Glass BV	8496	Zhongli Glass Co., Ltd
8312	Shandong Kingtom Glass Co., Ltd.	8416	Nissink Business Glass BV	8497	Zhongli Glass Co., Ltd
8318	Renin Canada Corp.	8417	FG Glass Industries Pvt Ltd.	8498	Zhongli Glass Co., Ltd
8319	Renin Canada Corp.	8418	FG Glass Industries Pvt Ltd.	8500	Saudi American Glass Company
8320	GlassTemp, Inc.	8419	FG Glass Industries Pvt Ltd.	8501	Saudi American Glass Company
8321	Foshan Nanhai Ruixin Glass Co., LTD.	8420	FG Glass Industries Pvt Ltd.	8504	Panoramic Doors LLC
8322	Foshan Nanhai Ruixin Glass Co., LTD.	8421	FG Glass Industries Pvt Ltd.	8505	Glaz-Tech Industries, Inc.
8323	Foshan Nanhai Ruixin Glass Co., LTD.	8424	Air Master	8506	A3 Glass Fabricator LLC
8326	Thermafix A.J. Inc.	8426	Ace Safety Glass Co., Ltd.	8507	A3 Glass Fabricator LLC
8327	Thermafix A.J. Inc.	8428	Jubilee Company	8512	JAR Tempering Inc.
8328	Thermafix A.J. Inc.	8429	Jubilee Company	8513	JAR Tempering Inc.
8329	Thermafix A.J. Inc.	8444	Vista Glass Corporation	8514	JAR Tempering Inc.
8330	Thermafix A.J. Inc.	8445	Vista Glass Corporation	8515	JAR Tempering Inc.
8342	P&C Tempered Glass, LLC.	8446	Vista Glass Corporation	8516	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8343	P&C Tempered Glass, LLC.	8447	Vista Glass Corporation	8517	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8348	Xiamen Shiner Glass Co., Ltd.	8448	Vista Glass Corporation	8518	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8349	Qingdao Apis Glass Industries Co. Ltd.	8450	Opulux Glass	8528	Yitian (Cattis) Glass Product Co., Ltd
8350	Qingdao Apis Glass Industries Co. Ltd.	8451	Opulux Glass	8529	Qingdao Pioneer Glass Co.,Ltd.
8352	Qinhuangdao Huaguang Technology Glass Co., Ltd.	8452	Opulux Glass	8530	Qingdao Pioneer Glass Co.,Ltd.
8360	Fujian Tider Glass Co., Ltd.	8453	Opulux Glass	8531	Qingdao Pioneer Glass Co.,Ltd.
8361	Fujian Tider Glass Co., Ltd.	8459	American Insulated Glass Inc.	8532	Qingdao Pioneer Glass Co.,Ltd.
8362	Trulite Glass and Aluminum Solutions	8460	American Insulated Glass Inc.	8535	TEMCOR S. DE RL DE CV
8366	Fujian Tider Glass Co., Ltd.	8461	American Insulated Glass Inc.	8536	Washington Glass Fabrication LLC.
8367	ECO Glass Production			8537	Washington Glass Fabrication LLC.
8369	ECO Glass Production			8538	Washington Glass Fabrication LLC.
8370	ECO Glass Production			8540	Glass Enterprises, Inc.
				8541	Glass Enterprises, Inc.
				8542	P&C Tempered Glass, LLC.
				8547	Multiver Ltee
				8548	Multiver Ltee

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8553	Changshu Mingyang Glass Products Co., Ltd.	8627	Foshan Gaoming Yaqi Toughened Glass	8731	Panasonic Housing Solutions Co., Ltd.
8556	Cardinal CG	8629	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8732	KRYSTALLA VASILIOU SA (VASGLASS)
8561	Panasonic Housing Solutions Co., Ltd.	8630	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8733	KRYSTALLA VASILIOU SA (VASGLASS)
8562	Premier Glass Products	8631	The Glass Guild Ltd.	8734	KRYSTALLA VASILIOU SA (VASGLASS)
8563	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8632	The Glass Guild Ltd.	8735	KRYSTALLA VASILIOU SA (VASGLASS)
8564	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8633	The Glass Guild Ltd.	8736	KRYSTALLA VASILIOU SA (VASGLASS)
8565	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8634	The Glass Guild Ltd.	8738	KRYSTALLA VASILIOU SA (VASGLASS)
8566	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8635	The Glass Guild Ltd.	8743	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8570	Anhui Dahe Mirror Enterprise Co. LTD.	8636	Glassfab Canada	8744	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8571	Anhui Dahe Mirror Enterprise Co. LTD.	8637	Glassfab Canada	8745	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8572	Anhui Dahe Mirror Enterprise Co. LTD.	8638	Glassfab Canada	8746	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8573	Anhui Dahe Mirror Enterprise Co. LTD.	8640	Glassfab Canada	8747	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8574	Anhui Dahe Mirror Enterprise Co. LTD.	8652	Cleer Vision Tempered Glass	8757	Arino Duglass
8575	Anhui Dahe Mirror Enterprise Co. LTD.	8653	Cleer Vision Tempered Glass	8758	Arino Duglass
8576	Trulite Glass and Aluminum Solutions	8654	Cleer Vision Tempered Glass	8759	Arino Duglass
8582	Majestic Glass Inc.	8655	Cardinal IG	8762	Thompson I.G. LLC.
8583	Majestic Glass Inc.	8663	Futureguard Building Products	8763	Thompson I.G. LLC.
8584	Majestic Glass Inc.	8664	Qinhuangdao Shengrui Glass Processing CO., LTD.	8766	Changshu Mingyang Glass Products Co., Ltd.
8585	Soluciones Arquitectonicas, S.A. De C.V.	8665	Thermafix A.J. Inc.	8767	Changshu Mingyang Glass Products Co., Ltd.
8586	Soluciones Arquitectonicas, S.A. De C.V.	8666	Zhejiang Pusaisi Intelligent Glass Co., LTD	8769	Vetriko S.A.
8587	Guangdong Honghua Glass Technology Co., LTD.	8667	Zhejiang Pusaisi Intelligent Glass Co., LTD	8770	Vetriko S.A.
8588	Guangdong Honghua Glass Technology Co., LTD.	8668	Zhejiang Pusaisi Intelligent Glass Co., LTD	8771	Vetriko S.A.
8591	Ningbo Runner Industrial Corporation	8669	Zhejiang Pusaisi Intelligent Glass Co., LTD	8776	ITI Glass Company
8592	Ningbo Runner Industrial Corporation	8670	Patio Enclosures	8777	ITI Glass Company
8593	Ningbo Runner Industrial Corporation	8674	Cardinal CT	8778	ITI Glass Company
8594	Ningbo Runner Industrial Corporation	8675	Cardinal CT	8780	Blue Star Glass Texas, LLC
8595	Ningbo Runner Industrial Corporation	8676	Cardinal CT	8782	Glaz-Tech Industries, Inc.
8596	Ningbo Runner Industrial Corporation	8677	Yildiz Cam San. Tic. A.S.	8783	Glaz-Tech Industries, Inc.
8597 IN	Ningbo Runner Industrial Corporation	8678	Yildiz Cam San. Tic. A.S.	8784	Glaz-Tech Industries, Inc.
8598 IN	Ningbo Runner Industrial Corporation	8680	Yildiz Cam San. Tic. A.S.	8785	Glaz-Tech Industries, Inc.
8599	Air Master	8682	Xiamen Shiner Glass Co., Ltd.	8786	Glaz-Tech Industries, Inc.
8600	Air Master	8689	West Seal Ltd.(AWG Northern Dist.)	8787	Glaz-Tech Industries, Inc.
8601	Air Master	8690	West Seal Ltd.(AWG Northern Dist.)	8788	Glaz-Tech Industries, Inc.
8602	Air Master	8691	West Seal Ltd.(AWG Northern Dist.)	8789	Yong Feng Tai Foshan City Glass Co., LTD.
8603	Acme Glass LTD.	8692	Vision En Cristal Y Aluminio SA DE CV	8791	Aldora Aluminum and Glass Products, Inc.
8604	Acme Glass LTD.	8693	Vision En Cristal Y Aluminio SA DE CV	8792	Aldora Aluminum and Glass Products, Inc.
8605	Acme Glass LTD.	8694	Vision En Cristal Y Aluminio SA DE CV	8793	Aldora Aluminum and Glass Products, Inc.
8606	Acme Glass LTD.	8695	Foshan Douglas Glass Technology Co., LTD.	8794	Aldora Aluminum and Glass Products, Inc.
8608	Imagic Glass Inc.	8696	Foshan Douglas Glass Technology Co., LTD.	8795	Aldora Aluminum and Glass Products, Inc.
8609	Imagic Glass Inc.	8697	Foshan Douglas Glass Technology Co., LTD.	8797	Jiangmen Junfa Safety Glass Co., Ltd.
8610	Imagic Glass Inc.	8702	Haojing Holdings Group Limited	8798	Trulite Glass and Aluminum Solutions
8617	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8703	Haojing Holdings Group Limited	8800	Isam M. Khairi Kabbani Glass Works LLC
8618	Fujian Domoo Sanitary Ware Technology Co., Ltd.	8704	Haojing Holdings Group Limited	8801	Hangzhou Blue-Sky Safety Glass Co., Ltd.
8619	LongDing Glass Production Co., Ltd.	8705	Haojing Holdings Group Limited		
8620	Qingdao Runya Glass Products Co., LTD	8706	Haojing Holdings Group Limited		
8622	Glassfab Canada	8707	Haojing Holdings Group Limited		
8623 IN	Glassfab Canada	8718	ITI Glass Company		
8624	Rider Glass Company Limited	8729	Guangdong Rosery Bath Science and Technology Co.,Ltd.		
8625	Rider Glass Company Limited	8730	Guangdong Rosery Bath Science and Technology Co.,Ltd.		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8802	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8891	The Glass Factory, LLC	8980	Tempered Glass Industries, INC.
8803	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8892	Glaz-Tech Industries, Inc.	8983	Safti First
8804	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8894	Industrial Tempering Glass	8984	Safti First
8806	General Glass	8898	Blue Star Glass Texas, LLC	8985	Safti First
8808	Whalley Glass Co	8900	American Insulated Glass LLC.	8986	Safti First
8815	ArcTech Glass Ltd.	8901	American Insulated Glass LLC.	8992	Precision Glass Industries
8818	Aurora Windows and Doors	8902	American Insulated Glass LLC.	8993	BG Glass Technologies Inc.
8819	Aurora Windows and Doors	8903	American Insulated Glass LLC.	8994	Vidplex Universal S.A.S
8820	Aurora Windows and Doors	8904	American Insulated Glass LLC.	8995	Vidplex Universal S.A.S
8821	Aurora Windows and Doors	8905	American Insulated Glass LLC.	8996	Vidplex Universal S.A.S
8828	Ningbo Xinxin Glass Technology Co., Ltd.	8906	American Insulated Glass LLC.	9001	Glass Group & Seal Inc
8829	Accurate Glass Products	8907	American Insulated Glass LLC.	9002	Glass Group & Seal Inc
8830	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8908	American Insulated Glass LLC.	9003	Glass Group & Seal Inc
8831	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8911	Advantage Glass Corp	9004	ArcTech Glass Ltd.
8832	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8912	Advantage Glass Corp	9005	ArcTech Glass Ltd.
8833	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8913	Advantage Glass Corp	9006	ArcTech Glass Ltd.
8837	Premier Glass Products	8914	Quality Glass & Mirror, Inc.	9007	Glass Insulators Inc.
8838	Premier Glass Products	8915	Quality Glass & Mirror, Inc.	9008	Glass Insulators Inc.
8839	Premier Glass Products	8916	Quality Glass & Mirror, Inc.	9009	Glass Insulators Inc.
8840	Northwestern Glass Fab	8917	Quality Glass & Mirror, Inc.	9010	Glass Insulators Inc.
8844	ITI Glass Company	8918	Quality Glass & Mirror, Inc.	9011	Specialty Glass Products
8846	Cardinal IG	8921	Cardinal IG	9012	Specialty Glass Products
8847	Cardinal IG	8922	Milkana OOD	9013	Specialty Glass Products
8848	Cardinal IG	8923	Milkana OOD	9014	Specialty Glass Products
8849	Cardinal IG	8924	Milkana OOD	9015	Specialty Glass Products
8850	Cardinal IG	8925	Milkana OOD	9018	Yin Fu (Dong Guan) Glass Co., Ltd.
8851	Cardinal IG	8926	Making Glass North America Inc.	9019	Yin Fu (Dong Guan) Glass Co., Ltd.
8852	Cardinal IG	8927	Making Glass North America Inc.	9020	Yin Fu (Dong Guan) Glass Co., Ltd.
8853	Changshu Mingyang Glass Products Co., Ltd.	8928	Manko Window Systems- KS	9021	Yin Fu (Dong Guan) Glass Co., Ltd.
8854	Changshu Mingyang Glass Products Co., Ltd.	8932	KAMRI Investments Limited	9022	Yin Fu (Dong Guan) Glass Co., Ltd.
8861	Tengzhou Fenghua Glass Co., LTD	8933	KAMRI Investments Limited	9023	Yin Fu (Dong Guan) Glass Co., Ltd.
8862 IN	Innovative Glass Products LLC	8934	KAMRI Investments Limited	9024	Yin Fu (Dong Guan) Glass Co., Ltd.
8863	Paragon Tempered Glass	8938 IN	Fujian Domoo Sanitary Ware Technology Co., Ltd.	9025	Yin Fu (Dong Guan) Glass Co., Ltd.
8864	Hartung Glass Industries	8940	J.C. Moag Corporation	9026	Yin Fu (Dong Guan) Glass Co., Ltd.
8865	Hartung Glass Industries	8941	J.C. Moag Corporation	9027	Yin Fu (Dong Guan) Glass Co., Ltd.
8866	Hartung Glass Industries	8942	J.C. Moag Corporation	9028	Yin Fu (Dong Guan) Glass Co., Ltd.
8867	Hartung Glass Industries	8944	Huahui Glass (China) Co., Ltd.	9029	Yin Fu (Dong Guan) Glass Co., Ltd.
8868	Hartung Glass Industries	8945	Huahui Glass (China) Co., Ltd.	9033	Making Glass North America Inc.
8870	Cardinal CT	8946	Huahui Glass (China) Co., Ltd.	9034	Making Glass North America Inc.
8875	Rider Glass Company Limited	8947	Huahui Glass (China) Co., Ltd.	9035	Making Glass North America Inc.
8876	Rider Glass Company Limited	8951	M Industria S.A. DE C.V.	9036	Sunglas Technics Co., Ltd.
8877	Rider Glass Company Limited	8952	M Industria S.A. DE C.V.	9045	Mitrex Inc.
8878	Senneca Holdings Inc, (Thermoseal Brand)	8961	Trulite Glass and Aluminum Solutions	9052	Shanghai Jiajie Glass Co., Ltd.
8882	8044554 Canada Inc.	8962	Dost Cam Sanayi ve Ticaret A.S.	9060	GlasseccViracon
8883	8044554 Canada Inc.	8963	Dost Cam Sanayi ve Ticaret A.S.	9061	GlasseccViracon
8884	8044554 Canada Inc.	8966	Templados Del Centro SA DE C.V.	9062	GlasseccViracon
8885	8044554 Canada Inc.	8967	Templados Del Centro SA DE C.V.	9065	Vitre-Art C.A.B. (1988) Inc.
8886	8044554 Canada Inc.	8968	Templados Del Centro SA DE C.V.	9066	Vitre-Art C.A.B. (1988) Inc.
8889	The Glass Factory, LLC	8969	Cardinal CT	9067	Vitre-Art C.A.B. (1988) Inc.
8890	The Glass Factory, LLC	8970 IN	Central Florida Glass & Mirror, Inc	9073	Qingdao Apis Glass Industries Co. Ltd.
		8971	Central Florida Glass & Mirror, Inc	9074	Qingdao Apis Glass Industries Co. Ltd.
		8972	Central Florida Glass & Mirror, Inc	9075	Classy Glass Specialties Technology Co., Ltd
		8973 IN	Central Florida Glass & Mirror, Inc	9076	Classy Glass Specialties Technology Co., Ltd
		8976	Dost Cam Sanayi ve Ticaret A.S.	9077	Classy Glass Specialties Technology Co., Ltd
		8977	Dost Cam Sanayi ve Ticaret A.S.		
		8978	Dost Cam Sanayi ve Ticaret A.S.	9079	Templados Del Centro SA DE C.V.
		8979	Tempered Glass Industries, INC.	9080	TG Tianjin Glass Co., Ltd.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9081	Przedsiębiorstwo Prywatne Rezal	9154	US Glass Depot LLC	9241	United Plate Glass Co., Inc.
9082	Przedsiębiorstwo Prywatne Rezal	9155	US Glass Depot LLC	9242	Citywide Glass Services
9083	Przedsiębiorstwo Prywatne Rezal	9156	US Glass Depot LLC	9243	AI Cam Sanayi ve Ticaret Limited Sirketi
9084	Przedsiębiorstwo Prywatne Rezal	9163	Whalley Glass Co	9244	AI Cam Sanayi ve Ticaret Limited Sirketi
9086	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9174	Perficom S.A. DE C.V.	9249	Shandong Blue Glass Technology Co., Ltd.
9087	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9175	Syracuse Glass Company, LLC	9251	Saban Acikgoz Ins Malz San Tic AS
9088	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9176	Syracuse Glass Company, LLC	9252	Saban Acikgoz Ins Malz San Tic AS
9089	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9177	Syracuse Glass Company, LLC	9253	Saban Acikgoz Ins Malz San Tic AS
9090	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9183	United Plate Glass of Maryland LLC	9254	Saban Acikgoz Ins Malz San Tic AS
9092	Syracuse Glass Company, LLC	9184	United Plate Glass of Maryland LLC	9255	Saban Acikgoz Ins Malz San Tic AS
9093	Insulite Glass Co., Inc.	9185	Perficom S.A. DE C.V.	9256	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions
9100	Mr. Glass LLC.	9189	Sky Land Glass Corp.	9257	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions
9101	Jasan Fabricated Glass, Inc.	9190	Sky Land Glass Corp.	9258	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions
9102	Jasan Fabricated Glass, Inc.	9191	Sky Land Glass Corp.	9259	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions
9103	Jasan Fabricated Glass, Inc.	9192	Sky Land Glass Corp.	9260	Minneapolis Glass Company
9104	Jasan Fabricated Glass, Inc.	9193 IN	Sky Land Glass Corp.	9261	Minneapolis Glass Company
9105	Jasan Fabricated Glass, Inc.	9194 IN	Sky Land Glass Corp.	9262	Minneapolis Glass Company
9106	Jasan Fabricated Glass, Inc.	9195	QinHuangDao Tianrui Tempered Technology Glass Co.	9263	Minneapolis Glass Company
9107 IN	Jasan Fabricated Glass, Inc.	9196	Beijing NorthTech Haiyangshunda Glass Ltd.	9264	Minneapolis Glass Company
9112	Yin Fu (Dong Guan) Glass Co., Ltd.	9200	Glass Insulators Inc.	9265	Minneapolis Glass Company
9113	Hebi HaanGlas Co., Ltd	9203	Garibaldi Glass Ind. Inc.	9266	McGrory Glass
9114	Hebi HaanGlas Co., Ltd	9205	Guangdong Xeyoung Glass Technology Co., Ltd	9267	Cardinal CT
9115	Hebi HaanGlas Co., Ltd	9206	Guangdong Xeyoung Glass Technology Co., Ltd	9268	Cardinal CT
9116	Hebi HaanGlas Co., Ltd	9207	Guangdong Xeyoung Glass Technology Co., Ltd	9270	Industries Vanier Inc.
9117	Eko-Okna S.A.	9208	Guangdong Xeyoung Glass Technology Co., Ltd	9271	Industries Vanier Inc.
9118	Eko-Okna S.A.	9210	Imperial Tempered Glass, LLC	9272	Industries Vanier Inc.
9119	Eko-Okna S.A.	9211	Imperial Tempered Glass, LLC	9273	Industries Vanier Inc.
9120	Eko-Okna S.A.	9212	Imperial Tempered Glass, LLC	9274	Industries Vanier Inc.
9123	Zhejiang Pusaisi Intelligent Glass Co., LTD	9215	Citywide Glass Services	9275	Industries Vanier Inc.
9126	ShanDong HaanGlas Co., LTD	9216	Citywide Glass Services	9276	M & F Home Solutions LLC.
9127	California Safety Glass S.A. de C.V.	9217	Citywide Glass Services	9277	Verre Select Inc.
9128	California Safety Glass S.A. de C.V.	9218	Citywide Glass Services	9278	Verre Select Inc.
9129	California Safety Glass S.A. de C.V.	9219	Tristar Glass, Inc.	9279	Verre Select Inc.
9130	California Safety Glass S.A. de C.V.	9220	Tristar Glass, Inc.	9280	Verre Select Inc.
9134	Vitrum Industries Ltd. (Calgary)	9221	Glass Enterprises, Inc.	9281	Verre Select Inc.
9135	Vitrum Industries Ltd. (Calgary)	9222	Denver Glass Interiors, Inc.	9282	Verre Select Inc.
9138	Aluminum Window Designs LTD	9227	United Plate Glass Co., Inc.	9283	Cardinal CG
9139	Aluminum Window Designs LTD	9228	Trulite Glass and Aluminum Solutions	9284	Washington Glass Fabrication LLC.
9140	Aluminum Window Designs LTD	9229	Werkman (Shandong) Vacuum Glass Technology Co., Ltd.	9285	Washington Glass Fabrication LLC.
9141	Aluminum Window Designs LTD	9232	Guang Dong Kibing Energy Saving Glass Co., LTD	9288	Changshu Mingyang Glass Products Co., Ltd.
9142	Ardic Cam Sanayi A.S.	9233	Guang Dong Kibing Energy Saving Glass Co., LTD	9289	LuxWall, Inc.
9143	Ardic Cam Sanayi A.S.	9234	Guang Dong Kibing Energy Saving Glass Co., LTD	9290	LuxWall, Inc.
9144	Ardic Cam Sanayi A.S.	9235	Guang Dong Kibing Energy Saving Glass Co., LTD	9291	Tacoma Glass Mfg. Inc.
9145	Ardic Cam Sanayi A.S.	9236	Guang Dong Kibing Energy Saving Glass Co., LTD	9292	Tacoma Glass Mfg. Inc.
9147	Tristar Glass, Inc.	9237	Guang Dong Kibing Energy Saving Glass Co., LTD	9293	Tacoma Glass Mfg. Inc.
9149	M & F Home Solutions LLC.	9238	Guang Dong Kibing Energy Saving Glass Co., LTD	9294	Zhongshan Xinghe Glass Co., Ltd.
9150	M & F Home Solutions LLC.	9239	Guang Dong Kibing Energy Saving Glass Co., LTD	9295	Zhongshan Xinghe Glass Co., Ltd.
9151	Cardinal CT	9240	Beijing Guanhua Dongfang Glass Technology Co. Ltd	9296	Zhongshan Xinghe Glass Co., Ltd.
9153	US Glass Depot LLC			9301	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions
				9302	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9303	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions	9748	Agsitech Advanced Materials Corporation Limited	9816	Basco - Grand Haven
9304	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions	9749	Agsitech Advanced Materials Corporation Limited	9819	Trulite Glass & Aluminum Solutions Canada, ULC
9425	Glass Enterprise Northeast	9750	Agsitech Advanced Materials Corporation Limited	9825	Mr. Glass LLC.
9426	Glass Enterprise Northeast			9827	Aldora Aluminum and Glass Products, Inc.
9427	Glass Enterprise Northeast	9757	Crystal Glass International SDN BHD	9832	All Glass (Suqian) Holding Co., Ltd.
9670	West Seal Ltd.(AWG Northern Dist.)	9758	Crystal Glass International SDN BHD	9833	All Glass (Suqian) Holding Co., Ltd.
9671	West Seal Ltd.(AWG Northern Dist.)	9759	Crystal Glass International SDN BHD	9834	All Glass (Suqian) Holding Co., Ltd.
9672	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd.	9760	Crystal Glass International SDN BHD	9838	Foshan Gaoming Yaqi Toughened Glass
9673	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9761	Crystal Glass International SDN BHD	9839	Foshan Gaoming Yaqi Toughened Glass
9674	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9762	Crystal Glass International SDN BHD		
9675	2479727 Alberta Ltd.(Glassbuilt Manufacturing)	9765	G.E. Silliker & Sons Ltd.	9840	Foshan Gaoming Yaqi Toughened Glass
9676	Viewrail	9767	Cat-I Manufacturing, Inc.	9841	Simonton Windows
9679	Guangdong Honghua Glass Technology Co., LTD.	9768	Cat-I Manufacturing, Inc.	9842	Glass Group & Seal Inc
9687	Templex USA	9769	Viewrail	9843	Shandong Jinjing Science & Technology Stock Co., Ltd.
9688	Templex USA	9770	Hangzhou Huijing Glass Co., Ltd.		
9689	Templex USA	9771	Hangzhou Huijing Glass Co., Ltd.	9844	Shandong Jinjing Science & Technology Stock Co., Ltd.
9691	Minneapolis Glass Company	9772	Hangzhou Huijing Glass Co., Ltd.	9845	Shandong Jinjing Science & Technology Stock Co., Ltd.
9696	Zhongshan Shengchang Glass Product Ltd.	9773	Shandong Xingguan Glass Technology Co., Ltd.	9848	Minneapolis Glass Company
9697	Zhongshan Shengchang Glass Product Ltd.	9774	Shandong Xingguan Glass Technology Co., Ltd.	9849	Gardner Glass Products Inc.
9698	Zhongshan Shengchang Glass Product Ltd.	9776	Tengzhou Fenghua Glass Co., LTD	9850	Gardner Glass Products Inc.
9699	BOJAR SP z.o.o.	9777	Tengzhou Fenghua Glass Co., LTD	9851	Gardner Glass Products Inc.
9700	BOJAR SP z.o.o.	9778	Transparent Design S.R.L.	9852	Gardner Glass Products Inc.
9701	BOJAR SP z.o.o.	9779	Transparent Design S.R.L.	9853	Cardinal CG
9705	8044554 Canada Inc.	9780	Transparent Design S.R.L.	9857	Northwest Glass Manufacturing Inc.
9715	Tristar Glass, Inc.	9781	Transparent Design S.R.L.	9858	Northwest Glass Manufacturing Inc.
9717	Star Glass Tempering LLC	9782	Transparent Design S.R.L.	9859	Northwest Glass Manufacturing Inc.
9718	Star Glass Tempering LLC	9783	Transparent Design S.R.L.	9860	Northwest Glass Manufacturing Inc.
9719	Star Glass Tempering LLC	9784	Transparent Design S.R.L.	9861	Northwest Glass Manufacturing Inc.
9720	Cardinal IG	9786	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd.	9862	Przedsiębiorstwo Prywatne Rezal
9722	Jiangmen Junfa Safety Glass Co., Ltd.	9787	Therval	9863	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.
9723	Jiangmen Junfa Safety Glass Co., Ltd.	9788	Therval	9864	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.
9726	Glaz-Tech Industries, Inc.	9789	Therval		
9728	Oldcastle BuildingEnvelope®	9790	Therval	9865	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S.
9729	Jiangxi Shouhua Building Materials Co., Ltd	9791	M3 Glass Technologies - Austin	9867	Integral Seal Mfg. Inc.
9730	Jiangxi Shouhua Building Materials Co., Ltd	9793	Cagdas Cam San. TIC. A.S.	9870	Qinhuangdao Entrylite Technology Co.,Ltd.
9731	Jiangxi Shouhua Building Materials Co., Ltd	9794	Cagdas Cam San. TIC. A.S.	9871	Qinhuangdao Entrylite Technology Co.,Ltd.
9732	Jiangxi Shouhua Building Materials Co., Ltd	9795	Minneapolis Glass Company	9872	Qinhuangdao Entrylite Technology Co.,Ltd.
9733	Jiangxi Shouhua Building Materials Co., Ltd	9796	Minneapolis Glass Company	9873	Quality Glass Fabrication, Inc.
9734	Jiangxi Shouhua Building Materials Co., Ltd	9797	Etalum	9874	Quality Glass Fabrication, Inc.
9743	Nanjing Feitian Varo Glass Product Co., Ltd.	9798	Etalum	9875	Quality Glass Fabrication, Inc.
9744	Hebi Leadus Special Glass Manufacturing Co., Ltd.	9801	Bel Pre Glassworks Inc.	9876	Quality Glass Fabrication, Inc.
9745	W-M Glass sp. zo.o.	9802	Tempion Tempering Glass LLC.	9877	Quality Glass Fabrication, Inc.
9746	W-M Glass sp. zo.o.	9803	Tempion Tempering Glass LLC.	9878	Quality Glass Fabrication, Inc.
9747	Agsitech Advanced Materials Corporation Limited	9804	Tempion Tempering Glass LLC.	9879	Quality Glass Fabrication, Inc.
		9805	Tempion Tempering Glass LLC.	9880	Quality Glass Fabrication, Inc.
		9806	Basco - Grand Haven	9881	Quality Glass Fabrication, Inc.
		9807	Basco - Grand Haven	9882	Central Valley Glass & Screen, Inc.
		9808	Basco - Grand Haven	9883	Central Valley Glass & Screen, Inc.
		9809	Basco - Grand Haven	9884	Central Valley Glass & Screen, Inc.
		9810	Basco - Grand Haven	9885	Central Valley Glass & Screen, Inc.
		9811	Basco - Grand Haven	9886	Central Valley Glass & Screen, Inc.
		9812	Basco - Grand Haven		
		9813	Basco - Grand Haven		
		9814	Basco - Grand Haven		
		9815	Basco - Grand Haven		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9887	M-Power Glass Ltd.	9949	Xuancheng Mingyang Glass Technology Co., Ltd.	10002	Thermalsun Glass Products
9888	M-Power Glass Ltd.	9950	Xuancheng Mingyang Glass Technology Co., Ltd.	10003	Thermalsun Glass Products
9889	M-Power Glass Ltd.	9951	Xuancheng Mingyang Glass Technology Co., Ltd.	10004	Thermalsun Glass Products
9890	Magic Mirror and Shower Enclosures Inc.	9952	Xuancheng Mingyang Glass Technology Co., Ltd.	10005	Thermalsun Glass Products
9891	Magic Mirror and Shower Enclosures Inc.	9953	Xuancheng Mingyang Glass Technology Co., Ltd.	10007	Korea OTK High-Tech Co., Ltd.
9892	Magic Mirror and Shower Enclosures Inc.	9954	Xuancheng Mingyang Glass Technology Co., Ltd.	10008	Epta S.P.A.
9893	Magic Mirror and Shower Enclosures Inc.	9955	Xuancheng Mingyang Glass Technology Co., Ltd.	10010	WinTech
9895	Luchuan Zhengda Tempered Glass Co., Ltd.	9956	Xuancheng Mingyang Glass Technology Co., Ltd.	10012	Qingdao Himalaya Building Materials Co., Ltd
9896	Luchuan Zhengda Tempered Glass Co., Ltd.	9958	Huahui Glass (China) Co., Ltd.	10013	Industries Vanier Inc.
9897	Luchuan Zhengda Tempered Glass Co., Ltd.	9959	Huahui Glass (China) Co., Ltd.	10014	Imagic Glass Inc.
9898	Harbin Sayyas Windows Stock Co., Ltd	9960	Huahui Glass (China) Co., Ltd.	10016	A3 Glass Fabricator LLC
9899	Harbin Sayyas Windows Stock Co., Ltd	9962	Guangdong South Star Glass Limited	10017	WMB Windows Inc.
9900	Harbin Sayyas Windows Stock Co., Ltd	9963	Guangdong South Star Glass Limited	10018	WMB Windows Inc.
9901	ArcTech Glass Ltd.	9964	Guangdong South Star Glass Limited	10019	American Glass Tempering and Fabricators, Inc.
9906	Elivate Mexico Supply S. de R.L. de C.V.	9965	Guangdong South Star Glass Limited	10021	Guardian Fabrication, LLC
9907	ODL, Inc.	9967	Soluciones Arquitectonicas, S.A. De C.V.	10022	Tecnoglass S.A.S.
9908	ODL, Inc.	9968	Soluciones Arquitectonicas, S.A. De C.V.	10023	Tecnoglass S.A.S.
9912	Jiangmen Kuida Tebo 168 Technology Co., Ltd.	9970	Megaglass DBA Megaluminio SA de CV	10025	Woon-Tech Inc.
9913	Jiangmen Kuida Tebo 168 Technology Co., Ltd.	9971	Megaglass DBA Megaluminio SA de CV	10026	Norabath Sanitary Wares SDN. BHD
9914	Jiangmen Kuida Tebo 168 Technology Co., Ltd.	9972	Megaglass DBA Megaluminio SA de CV	10027	Norabath Sanitary Wares SDN. BHD
9915	Cardinal LG	9974	Xiamen Shiner Glass Co., Ltd.	10028	Norabath Sanitary Wares SDN. BHD
9916	Cardinal LG	9975	Xiamen Shiner Glass Co., Ltd.	10034	Nanjing Feitian Varo Glass Product Co., Ltd.
9918	Cardinal LG	9976	Security Glass Ltd.	10035	Cardinal LG
9919	Cardinal LG	9977	Security Glass Ltd.	10036	Cardinal LG
9920	Cardinal LG	9978	Security Glass Ltd.	10042	Utah Glass Manufacturing
9921	Huahui Glass (China) Co., Ltd.	9979	Security Glass Ltd.	10043	Utah Glass Manufacturing
9922	Quality Enclosures Inc.	9980	Security Glass Ltd.	10044	Utah Glass Manufacturing
9923	Quality Enclosures Inc.	9982	M3 Glass Technologies - Austin	10047	Shandong Jinjing Science & Technology Stock Co., Ltd.
9924	Quality Enclosures Inc.	9983	M3 Glass Technologies - Austin	10049	Ningbo Runner Industrial Corporation
9925	Quality Enclosures Inc.	9984	M3 Glass Technologies - Austin	10050	Tempered Glass Inc.
9926	Quality Enclosures Inc.	9985	M3 Glass Technologies	10051	Tempered Glass Inc.
9927	Quality Enclosures Inc.	9987	Dongguan City Kunxing Glass Co., Ltd.	10052	Tempered Glass Inc.
9928	Quality Enclosures Inc.	9988	Dongguan City Kunxing Glass Co., Ltd.	10057	Aldora Aluminum and Glass Products, Inc.
9929	Fuzhou Autran Industrial Co., Ltd.	9989	Dongguan City Kunxing Glass Co., Ltd.	10058	Polflam Sp. zo.o.
9930	Fuzhou Autran Industrial Co., Ltd.	9990	Fuzhou Autran Industrial Co., Ltd.	10059	Polflam Sp. zo.o.
9931	Foshan Nanhai Ruixin Glass Co., LTD.	9991	ODL, Inc.	10060	Polflam Sp. zo.o.
9932	Euroglas-De Landsheer NV	9992	ODL, Inc.	10061	Polflam Sp. zo.o.
9933	Euroglas-De Landsheer NV	9993	Fujian Dengzhen Industrial Co., Ltd	10062	Polflam Sp. zo.o.
9934	M-Power Glass Ltd.	9994	Taicang Zhuogao Glass Product Co., Ltd.	10063	Polflam Sp. zo.o.
9936	Elivate Mexico Supply S. de R.L. de C.V.	9995	Taicang Zhuogao Glass Product Co., Ltd.	10068	Mirror Works Inc.
9937	Elivate Mexico Supply S. de R.L. de C.V.	9996	Taicang Zhuogao Glass Product Co., Ltd.	10069	arcon Flach- und Sicherheitsglas GmbH & Co. KG
9938	Elivate Mexico Supply S. de R.L. de C.V.	9997	Taicang Zhuogao Glass Product Co., Ltd.	10070	arcon Flach- und Sicherheitsglas GmbH & Co. KG
9939	Elivate Mexico Supply S. de R.L. de C.V.	9998	Taicang Zhuogao Glass Product Co., Ltd.	10071	arcon Flach- und Sicherheitsglas GmbH & Co. KG
9943	Sunglas Technics Co., Ltd.	10000	Thermalsun Glass Products	10072	arcon Flach- und Sicherheitsglas GmbH & Co. KG
9947	Xuancheng Mingyang Glass Technology Co., Ltd.	10001	Thermalsun Glass Products	10075	Saint-Gobain India Private Limited
9948	Xuancheng Mingyang Glass Technology Co., Ltd.			10076	Saint-Gobain India Private Limited
				10077	Saint-Gobain India Private Limited
				10078	Saint-Gobain India Private Limited
				10079	Saint-Gobain India Private Limited
				10081	Basco - Grand Haven
				10082	Security Glass Ltd.
				10083	Security Glass Ltd.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
10084	Security Glass Ltd.	10147	Weifang Guanghua Glass Technology Co., Ltd.	10222	Foshan Xinxingye Glass Co., Ltd.
10085	Newmar Window Mfg. Inc.	10149	Quest USA, Inc.	10225	AB Glassic
10086	Newmar Window Mfg. Inc.	10150	Quest USA, Inc.	10226	AB Glassic
10087	Newmar Window Mfg. Inc.	10152	Ningbo Gaosheng Special Glass CO., LTD	10227	AB Glassic
10088	Newmar Window Mfg. Inc.	10153	Ningbo Gaosheng Special Glass CO., LTD	10235	Builders FirstSource Inc., dba Barefoot & Company
10089	UAB Stronglasas	10154	Ningbo Gaosheng Special Glass CO., LTD	10236	Builders FirstSource Inc., dba Barefoot & Company
10090	UAB Stronglasas	10155	Ningbo Gaosheng Special Glass CO., LTD	10237	Builders FirstSource Inc., dba Barefoot & Company
10091	UAB Stronglasas	10156	Ningbo Gaosheng Special Glass CO., LTD	10238	Changshu Mingyang Glass Products Co., Ltd.
10092	UAB Stronglasas	10157	Ningbo Gaosheng Special Glass CO., LTD	10242	J.C. Moag Corporation
10095	Glasstem S.A. de C.V.	10158	Procesadora de Ventanas SA de CV	10243	Long Ding Vietnam Glass Products Co. Ltd.
10096	Glasstem S.A. de C.V.	10159	Procesadora de Ventanas SA de CV	10244	Long Ding Vietnam Glass Products Co. Ltd.
10097	Glasstem S.A. de C.V.	10163	Qinhuangdao Rongsheng Glass Processing Co., Ltd.	10245	Long Ding Vietnam Glass Products Co. Ltd.
10098	Chaohu Weiye Glass Co., Ltd.	10164	Limca Dekoratif Cam Anya San Tic ve AS	10246	Long Ding Vietnam Glass Products Co. Ltd.
10099	Foshan Jinsheng Glass Products Co., Ltd.	10166	Drutex S.A.	10247	Long Ding Vietnam Glass Products Co. Ltd.
10100	Foshan Jinsheng Glass Products Co., Ltd.	10167	Drutex S.A.	10248	Long Ding Vietnam Glass Products Co. Ltd.
10101	Foshan Jinsheng Glass Products Co., Ltd.	10168	Drutex S.A.	10250	S.F. Tempering
10102	G.E. Silliker & Sons Ltd.	10169	Drutex S.A.	10252	S.F. Tempering
10103	Elevate Windows and Doors LLC.	10170	Shenyang New North Glass Co., Ltd.	10253	S.F. Tempering
10104	Elevate Windows and Doors LLC.	10171	Trulite Glass and Aluminum Solutions	10254	S.F. Tempering
10105	Elevate Windows and Doors LLC.	10174	Making Glass S.R.L.	10255	S.F. Tempering
10106	Elevate Windows and Doors LLC.	10175	Making Glass S.R.L.	10257	Kiriakidis Vas. S.A.
10110	Foshan Yijiacheng Technology Co., Ltd.	10176	Making Glass S.R.L.	10258	Kiriakidis Vas. S.A.
10111	Foshan Yijiacheng Technology Co., Ltd.	10183	Deyao Glass Products (Zhongshan) Co., LTD	10259	PRESS GLASS UAB
10112	Foshan Yijiacheng Technology Co., Ltd.	10184	Deyao Glass Products (Zhongshan) Co., LTD	10260	PRESS GLASS UAB
10113	Foshan Yijiacheng Technology Co., Ltd.	10185	Deyao Glass Products (Zhongshan) Co., LTD	10261	PRESS GLASS UAB
10114	Pilkington IGP Sp. z.o.o. Branch Skiermiewice, Poland	10186	Deyao Glass Products (Zhongshan) Co., LTD	10262	PRESS GLASS UAB
10115	Pilkington IGP Sp. z.o.o. Branch Skiermiewice, Poland	10187	Deyao Glass Products (Zhongshan) Co., LTD	10263	PRESS GLASS UAB
10116	Pilkington IGP Sp. z.o.o. Branch Skiermiewice, Poland	10195	EQ Windows and Doors LLC	10264	VTC Tecnologia de Vidros Temperados Ltda
10117	Pilkington IGP Sp. z.o.o. Branch Skiermiewice, Poland	10196	EQ Windows and Doors LLC	10265	Shandong Xingguan Glass Technology Co., Ltd.
10120	Element Designs	10197	EQ Windows and Doors LLC	10266	Shandong Xingguan Glass Technology Co., Ltd.
10121	Element Designs	10198	EQ Windows and Doors LLC	10268	Foshan Yaoming Glass Co., Ltd.
10122	Element Designs	10199	J&H Mirror and Glass LLC	10269	Foshan Yaoming Glass Co., Ltd.
10123	Element Designs	10200	J&H Mirror and Glass LLC	10270	Foshan Yaoming Glass Co., Ltd.
10124	Element Designs	10201	J&H Mirror and Glass LLC		
10125	Zhongshan Baiyi Glass Co., Ltd.	10202	J&H Mirror and Glass LLC		
10126	Zhongshan Baiyi Glass Co., Ltd.	10203	Tengzhou Fenghua Glass Co., LTD		
10127	Zhongshan Baiyi Glass Co., Ltd.	10208	ATN Windows and Doors		
10135	Major Tempered Glass LLC	10209	ATN Windows and Doors		
10136	Major Tempered Glass LLC	10210	ATN Windows and Doors		
10137	Major Tempered Glass LLC	10211	LuxWall, Inc.		
10138	Major Tempered Glass LLC	10212	Vitro Architectural Glass		
10139	Major Tempered Glass LLC	10213	Vitro Architectural Glass		
10140	Fairis C.A.	10216	Thermos Rive Nord Inc.		
10141	Fairis C.A.	10217	Thermos Rive Nord Inc.		
10142	Fairis C.A.	10218	Thermos Rive Nord Inc.		
10144	Weifang Guanghua Glass Technology Co., Ltd.	10219	Foshan Xinxingye Glass Co., Ltd.		
10145	Weifang Guanghua Glass Technology Co., Ltd.	10220	Foshan Xinxingye Glass Co., Ltd.		
10146	Weifang Guanghua Glass Technology Co., Ltd.	10221	Foshan Xinxingye Glass Co., Ltd.		

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3 Form ; Kernersville, NC:							
9572	COMP+CAN	3,3-0.76(ev)	3,3-0.76(ev)	LSG	AN	U	A
9660	COMP+CAN	4,4-3.048(ev)	4,4-3.048(ev)	LSG	AN	U	A
9661	COMP+CAN	8,8-3.81(ev)	8+,8+-3.81(ev)	LSG	AN	U	A
9820	COMP+CAN	3,3-1.905(u)	3,3-1.905(u)	LSG	AN	U	A
9821	COMP+CAN	6,6-1.52(u)	6,6-1.52(u)	LSG	AN	U	A
9822	COMP+CAN	3,3-2.921(u)	8+,8+-2.921(u)	LSG	AN	U	A
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia:							
9319	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
A3 Glass Fabricator LLC ; Houston, TX:							
9702	COMPOSITE	6,6-1.905(ev)	6,6-1.905(ev)	LSG	AN	U	A
Accurate Glass Products ; Barrie, Ontario:							
9669	COMP+CAN	4,4-1.52(ev)	8+,8+-1.52(ev)	LSG	HS	U	A
Advanced Impact Technologies ; Largo, FL:							
9645	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
AdvanTec ; Chilliwack, British Columbia:							
9325	COMP+CAN	4,4-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
AGNORA LTD ; Collingwood, Ontario:							
9420	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Agsitech Advanced Materials Corporation Limited ; Zhaoqing, Guangdong Province:							
9751	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Air Master ; Gurabo, Puerto Rico:							
9658	COMPOSITE	3,3-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
Al Abbar Tempering Plant ; Dubai, United Arab Emirates:							
9316	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia:							
9317	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
Al Cam Sanayi ve Ticaret Limited Sirketi ; Istanbul, Sancaktepe:							
9245	COMP+CAN	8,8-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
10107	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:							
9308	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
9309	COMPOSITE	3,3-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:							
9313	COMPOSITE	3,3-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9314	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
All Team Glass & Mirror, Ltd. ; Woodbridge, Ontario:							
9727	COMP+CAN	3,3-1.016(ev)	6,6-1.016(ev)	LSG	AN	U	A
ALROMA CORP. ; Dania Beach, FL:							
9383	COMPOSITE	2,7,2.7-0.38(ev)	8+,8+-0.38(ev)	LSG	AN	U	B
Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia:							
9318	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
AntCam Cam Pazarlama San. Ve Tic. A.S. ; Antalya, Dosemealti:							
9311	COMPOSITE	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9312	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
arcon Flach- und Sicherheitsglas GmbH & Co. KG ; Feuchtwangen, Germany:							
10073	COMP+CAN	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10074	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:							
9657	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A

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Arino Duglass ; Zaragoza, Spain:							
9347	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9348	COMP+CAN	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
ATI Windows ; Riverside, CA:							
9323	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9324	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Basco - Grand Haven ; Grand Haven, MI:							
9817	COMP+CAN	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Beijing NorthTech Haiyangshunda Glass Ltd. ; Daxing District, Beijing:							
9326	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9327	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	HS	U	A
Beijing Wuhuatianbao Glass Co., Ltd. ; Beijing, Shunyi District:							
9328	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9329	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Blue Star Glass Inc. ; North Brunswick, NJ:							
10161	COMPOSITE	6,6-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
10162	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Brick Glass ; Houston, TX:							
9823	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9824	COMPOSITE	3,3-1.14(ip)	8+,8+-1.14(ip)	LSG	AN	U	A
Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S. ; Bergama/Izmir:							
9866	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
Cardinal LG ; Amery, WI:							
9610	COMP+CAN	2.5,2.5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9612	COMP+CAN	2.5,2.5-0.38(b)	3,3-0.38(b)	LSG	AN	U	B
9613	COMP+CAN	2.5,2.5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Cardinal LG ; Ocala, FL:							
9508	COMPOSITE	2.5,2.5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9509	COMPOSITE	2.5,2.5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Cardinal LG ; Statesboro, GA:							
9622	COMP+CAN	2.5,2.5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9623	COMP+CAN	2.5,2.5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Cardinal LG Northeast ; Jessup, PA:							
9433	COMP+CAN	2.5,2.5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9434	COMP+CAN	2.5,2.5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Carey Glass UC ; Nenagh, Co. Tipperary:							
9410	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
9415	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu:							
9336	COMP+CAN	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing:							
9338	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9339	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya:							
9340	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province:							
9335	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Coastal Curved Glass ; Pitt Meadows, British Columbia:							
9165	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Comercial Dialum SA ; Lampa, Santiago:							
9436	COMPOSITE	2.7,2.7-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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9437	COMPOSITE	2,7,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Consolidated Glass Corp. ; New Castle, PA:							
9438	COMPOSITE	2,7,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Control Glass, A&S, S.L. ; Teruel, Spain:							
9333	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9334	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Crystal Glass International SDN BHD ; Shah Alam, Selangor:							
9756	COMPOSITE	2,7,2.7-0.76(b)	2,7,2.7-0.76(b)	LSG	AN	U	A
Curved Glass Creations, LLC ; Pompano Beach, FL:							
9337	COMPOSITE	5,5-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
D3 Glass, LLC ; Fort Myers, FL:							
9441	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9442	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Denver Glass Interiors, Inc. ; Englewood, CO:							
9447	COMPOSITE	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9448	COMPOSITE	5,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Deyao Glass Products (Zhongshan) Co., LTD ; Zhongshan City, Guangdong Province:							
10188	COMP+CAN	4,4-0.76(ev)	4,4-0.76(ev)	LSG	AN	U	A
Dialum Laminated Glass SPA ; Concepcion, Chile:							
10040	COMPOSITE	2,7,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Diamond Glass ; Dublin, Ireland:							
9465	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9466	COMP+CAN	4,4-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
Dillmeier Enterprise, Inc. ; Van Buren, AR:							
9380	COMP+CAN	3,3-0.89(ev)	5,5-0.89(ev)	LSG	FT	U	A
9394	COMP+CAN	5,5-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	B
9395	COMP+CAN	5,6-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
9528	COMP+CAN	5,5-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
Dolphin Glass Specialists, LLC ; Miami Gardens, FL:							
9555	COMPOSITE	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province:							
9472	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Dost Cam Sanayi ve Ticaret A.S. ; Cigli, Izmir:							
9490	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9492	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Downey Glass ; Pompano Beach, FL:							
9501	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
ECO Glass Production ; Medley, FL:							
9558	COMP+CAN	3,3-0.89(ip)	3,5-0.89(ip)	LSG	AN	U	A
9561	COMP+CAN	5,5-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
9562	COMP+CAN	3,3-1.14(b)	3,3-1.14(b)	LSG	AN	U	A
Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California:							
9940	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9941	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Erdem Dis Ticaret A.S. ; Pendik, Istanbul:							
9421	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Etalum ; Bucaramanga, Santander:							
9799	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	HS	U	A
9800	COMP+CAN	5,5-2.286(b)	6,6-2.286(b)	LSG	HS	U	A
Excel Glass Systems ; Carrollton, TX:							
9489	COMPOSITE	3,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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10009	COMPOSITE	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Express Impact Manufacturing ; Medley, FL:							
9487	COMPOSITE	3,3-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia:							
9570	COMPOSITE	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9571	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Fairis C.A. ; Ambato, Tungurahua:							
9446	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10143	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra:							
9422	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9423	COMP+CAN	8,8-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
Foshan Xinxingye Glass Co., Ltd. ; Foshan, Guangdong Province:							
10223	COMP+CAN	4,4-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
10224	COMP+CAN	8,8-1.52	8+,8+-1.52	LSG	AN	U	A
Foshan Yijiacheng Technology Co., Ltd. ; Foshan, Guangdong Province:							
10109	COMP+CAN	3,3-1.14(ev)	8+,8+-1.14(ev)	LSG	AN	U	A
G.E. Silliker & Sons Ltd. ; Borden-Carleton, Prince Edward Island:							
9828	COMP+CAN	4,4-0.76(ev)	6,6-0.76(ev)	LSG	FT	U	A
9829	COMP+CAN	4,4-0.89(ip)	6,6-0.89(ip)	LSG	FT	U	A
Galaxy Glass & Stone ; Fairfield, NJ:							
9529	COMP+CAN	4,3-1.52(lu)	8+,8+-1.52(lu)	LSG	AN	U	A
9530	COMP+CAN	4,3-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia:							
9559	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9560	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County:							
9716	COMP+CAN	2,7,2,7-0.76(b)	2,7,2,7-0.76(b)	LSG	AN	U	A
GLASPRO ; Santa Fe Springs, CA:							
9542	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Glass and Mirror Craft ; Wixom, MI:							
9514	COMP+CAN	6,6-1.52(ev)	6,6-1.52(ev)	LSG	AN	U	A
9515	COMP+CAN	6,6-0.89(ip)	8+,6-0.89(ip)	LSG	AN	U	A
Glass Laminat Solutions ; Hialeah, FL:							
9543	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	B
Glassbel Baltic ; Klaipeda, Lithuania:							
9643	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9644	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
GlassecViracon ; Nazare Paulista, Sao Paulo:							
9452	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9453	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
GlassFab Tempering Services, Inc. Linne Road ; Tracy, CA:							
9544	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9545	COMPOSITE	6,6-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
Glasstech Industries B.S.C. ; Hidd, Manama:							
9454	COMPOSITE	4,4-0.89(b)	8+,8+-0.89(b)	LSG	AN	U	A
Glasswerks GWLA- East ; South Gate, CA:							
9548	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9549	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Glenny Glass Co. ; Milford, OH:							
9695	COMPOSITE	3,3-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A

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Global Security Glazing ; Selma, AL:							
9550	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
9551	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
GnT Glass Co., Ltd. ; Dongguan, Guangdong Province:							
9455	COMP+CAN	5,5-1.52(b)	6,8+-1.52(b)	LSG	AN	U	A
9456	COMP+CAN	4,4-1.52(ip)	4,4-1.52(ip)	LSG	AN	U	A
Guang Dong Kibing Energy Saving Glass Co., LTD ; Heyuan City, Guangdong Province:							
9239	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province:							
9458	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
9459	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province:							
9680	COMP+CAN	5,5-1.14(b)	8+,8+-1.14(b)	LSG	AN	U	A
Guangdong South Star Glass Limited ; Foshan, Guangdong Province:							
9460	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	FT	U	A
10160	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Guangdong Xeyoung Glass Technology Co., Ltd ; Huizhou, Guangdong Province:							
9209	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:							
9604	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9605	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Guardian Fabrication, LLC ; Galax, VA:							
9554	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:							
9461	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Haojing Holdings Group Limited ; Nantong, Haimen:							
9476	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9477	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
9478	COMP+CAN	4,4-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
Huzhou Xinfu New Materials Co., Ltd. ; Huzhou, Zhejiang:							
10172	COMPOSITE	2,7,3-0.76(b)	2,7,3-0.76(b)	LSG	AN	U	A
Ilumimex S.A. DE C.V. ; Monterrey, Noveo Leon:							
9642	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Imagic Glass Inc. ; Concord, Ontario:							
9563	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9564	COMP+CAN	6,6-1.52(ip)	6,8+-1.52(ip)	LSG	AN	U	A
9565	COMP+CAN	3,3-1.016(ev)	6,6-1.016(ev)	LSG	AN	U	A
Industrial Glass Laminating LLC ; Brooklyn, NY:							
9966	COMP+CAN	6,6-1.27(ev)	8+,8+-1.27(ev)	LSG	AN	U	A
Insulite Glass Co., Inc. ; Olathe, KS:							
9567	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9721	COMPOSITE	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Integral Seal Mfg. Inc. ; Concord, Ontario:							
9568	COMP+CAN	4,4-1.52(ev)	6,6-1.52(ev)	LSG		U	A
Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca:							
9462	COMPOSITE	4,4-1.14(b)	4,4-1.14(b)	LSG	AN	U	A
Isoclima Specialty Glass, LLC ; Blairsville, PA:							
9469	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
9470	COMPOSITE	6,6-1.778(ip)	6,6-1.778(ip)	LSG	AN	U	A
ITI Glass Company ; Bel Aire, KS:							
9496	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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9498	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
9569	COMP+CAN	6,6-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
J.C. Moag Corporation ; Georgetown, IN:							
9616	COMPOSITE	5,5-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
9617	COMPOSITE	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Jiangmen Junfa Safety Glass Co., Ltd. ; Jiangmen, Guangdong Province:							
10046	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A
Jiangmen SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:							
9408	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9409	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
JYC Glass Co. Ltd. ; Foshan, Guangdong Province:							
9443	COMP+CAN	4,4-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
KAMRI Investments Limited ; Marabella, West Indies:							
9457 IN	COMPOSITE	2.7,2.7-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	A
KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliko Chalkida, Greece:							
9600	COMP+CAN	2.7,2.7-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9601	COMP+CAN	5,5-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9603	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
La Tecnica Nel Vetro SpA ; Scafati, Salerno:							
9640	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9641	COMP+CAN	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Laurier Architectural ; Laurier-Station, Quebec:							
9611	COMP+CAN	4,4-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Limca Dekoratif Cam Anya San Tic ve AS ; Yenimahalle, Ankara:							
9665	COMP+CAN	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9666	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
LTI Smart Glass, Inc. ; Pittsfield, MA:							
9614	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
M Industria S.A. DE C.V. ; Conkal, Yucatan:							
9483	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9484	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Majestic Glass Inc. ; Hialeah, FL:							
10273	COMP+CAN	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
10274	COMP+CAN	8,8-2.286(b)	8+,8+-2.286(b)	LSG	AN	U	A
Making Glass S.R.L. ; Cantu, Province of Como:							
10177	COMP+CAN	6,6-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
10178	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
McGrory Glass ; Paulsboro, NJ:							
9471	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Megaglass DBA Megaluminio SA de CV ; Atlacomulco, State of Mexico:							
9973	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Midwest Glass Fabricators ; Highland, MI:							
9230	COMP+CAN	5,5-0.762(b)	8+,8+-0.762(b)	LSG	AN	U	A
9231	COMP+CAN	5,5-1.77(ip)	8+,8+-1.77(ip)	LSG	AN	U	A
ML System SA ; Podkarpacie, Poland:							
9837	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
Multiver Ltee ; Saint-Leonard, Quebec:							
9580	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
Nanjing Feitian Varo Glass Product Co., Ltd. ; Nanjing, Jiangsu:							
9741	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A

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Nashville Tempered Glass LLC ; Hendersonville, TN:							
9473	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9474	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9475 IN	COMP+CAN	4,4-0.76(ip)	4,4-0.76(ip)	LSG	AN	U	A
9724	COMP+CAN	3,3-0.38(b)	3,3-0.38(b)	LSG	AN	U	B
9725 IN	COMP+CAN	3,3-0.89(ip)	3,3-0.89(ip)	LSG	AN	U	B
New Angle Beveling ; Clearfield, PA:							
9692 IN	COMPOSITE	3,3-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	A
Northwestern Industries - Arizona, Inc. ; Yuma, AZ:							
9479	COMPOSITE	5,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9480	COMPOSITE	3,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Novavetro S.r.l. ; San Severino Marche, Italy:							
9522	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9523	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Albertville, MN:							
9392	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9393	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Covington, GA:							
9648	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9649	COMP+CAN	5,5-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Denver, CO:							
9526	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9527	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Fremont, CA:							
9524	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9525	COMP+CAN	3,4-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Grand Prairie, TX:							
9531	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
9532	COMP+CAN	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Hauppauge, NY:							
9520	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9521	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Houston, TX:							
9516	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9517	COMPOSITE	3,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Langley, British Columbia:							
9566	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Miami, FL:							
9535	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9981	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Perrysburg, OH:							
9536	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9537	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Schofield, WI:							
9538	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9539	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Wright City, MO:							
9540	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9541	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec:							
9546	COMP+CAN	3,3-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
9547	COMP+CAN	4,4-1.778(ip)	8+,8+-1.778(ip)	LSG	FT	U	A
Onyx Solar Energy, S.L. ; Avila, Spain:							
9411	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	HS	U	A
9412	COMPOSITE	6,6-2.032(ev)	6,6-2.032(ev)	LSG	HS	U	A
9413	COMPOSITE	8,8-1.905(ev)	8+,8+-1.905(ev)	LSG	HS	U	A
PGT Industries ; North Venice, FL:							
9388	COMPOSITE	3,3-0.89(ip)	6,6-0.89(ip)	LSG		U	A
9389	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
Pilkington IGP Sp. z.o.o. Branch Skierniewice, Poland ; Skierniewice, Poland:							
10118	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10119	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan:							
9414	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	FT	U	A
Precision Glass Bending Corporation ; Greenwood, AR:							
9390	COMP+CAN	3,3-0.76(b)	6,8+-0.76(b)	LSG	AN	U	A
9391	COMP+CAN	3,3-0.89(ip)	6,8+-0.89(ip)	LSG	AN	U	A
Prelco Inc. ; Riviere-du-loup, Quebec:							
9363	COMP+CAN	2,7,2.7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9364	COMP+CAN	4,4-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Press Glass Inc. ; Ridgeway, VA:							
9384	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9386	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
PRESS GLASS SP ZOO ; Radomsko, Poland:							
9429	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9430	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
PRESS GLASS SP ZOO ; Tychy, Poland:							
9431	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9432	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco:							
9439	COMPOSITE	6,6-1.52(ip)	6,6-1.52(ip)	LSG	FT	U	A
9440	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	FT	U	A
Produits Verrier International Inc. ; Montreal, Quebec:							
9349	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	FT	U	A
ProTemp Glass, Inc. ; Concord, Ontario:							
9350	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz:							
9351	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9352	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Pulp Studio, Inc. ; Gardena, CA:							
9353	COMP+CAN	3,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10015	COMP+CAN	6,6-35.56(ip)	6,6-35.56(ip)	LSG	FT	U	A
Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong Province:							
9463	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	FT	U	A
9464	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
Qingdao Himalaya Building Materials Co., Ltd ; Jiaozhou City Qindao, Shandong Province:							
10108	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Qingdao Jinjing Co., Ltd. ; Qingdao City, Shandong Province:							
9766	COMP+CAN	4,4-1.14(b)	5,5-1.14(b)	LSG	AN	U	A
10256	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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Qingdao Laurel Glass Technology Co., Ltd ; Zibo City, Shandong Province:							
9355	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong Province:							
9356	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Qinhuangdao Entrylite Technology Co.,Ltd. ; Qinhuangdao, Hebei:							
9735	COMP+CAN	3,3-1.14(ev)	3,3-1.14(ev)	LSG	FT	U	A
Qinhuangdao Huaguang Technology Glass Co., Ltd. ; Qinhuangdao, Hebei:							
10037	COMP+CAN	3,3-0.38(b)	3,3-0.38(b)	LSG	AN	U	B
10045	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:							
9357	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Raw Glass Inc. ; Carleton Place, ON:							
10151	COMP+CAN	3,3-0.76(ev)	3,3-0.76(ev)	LSG	AN	U	B
Ready Glass & Mirror, Inc. ; Hialeah, FL:							
9359	COMP+CAN	5,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates:							
9360	COMP+CAN	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekoy:							
9573	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Rider Glass Company Limited ; Qingdao, Shandong Province:							
9362	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
9418	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong Province:							
9365	COMP+CAN	2,7,2,7-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
S.F. Tempering ; Pompano Beach, FL:							
10251	COMP+CAN	2,7,2,7-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
SAAND Rexdale ; Rexdale, Ontario:							
9481	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Safti First ; Merced, CA:							
9369	COMP+CAN	3,3-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
9370	COMP+CAN	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9371	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
SAGE Electrochromics Inc. ; Faribault, MN:							
9372	COMP+CAN	2,4-0.89(ip)	2,8+-0.89(ip)	LSG	AN	U	A
9373	COMP+CAN	2,4-0.76(b)	2,8+-0.76(b)	LSG	AN	U	A
Saint Gobain Mexico, S.A. de C.V. ; Ciudad Ayala, Morelos:							
9374	COMP+CAN	2,7,2,7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Saint-Gobain India Private Limited ; Sriperumbudur, Tamilnadu:							
10080	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A
Saint-Gobain Innovative Material Polska SP. Z.O.O. ; Dabrowa Gornicza, Poland:							
10029	COMP+CAN	2,7,2,7-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions ; Brwinow, Poland:							
9305	COMP+CAN	4,4-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
Saudi American Glass Company ; Riyadh, Saudi Arabia:							
9377	COMPOSITE	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
Selective Shower Glass Designs Inc. ; Medley, FL:							
9187	COMP+CAN	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9188	COMP+CAN	6,6-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
Shaanxi Jingfeng Industry and Trade Co., Ltd. ; Xi'an City, Shanxi Province:							
10165	COMPOSITE	5,5-1.14(b)	8+,8+-1.14(b)	LSG	AN	U	A

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Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong Province:							
9250	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
Shandong Jinjing Science & Technology Stock Co., Ltd. ; Zibo, Shandong Province:							
9846	COMPOSITE	5,5-1.14(b)	6,6-1.14(b)	LSG	FT	U	A
9847	COMPOSITE	2,7,2,7-2.286(b)	5,5-2.286(b)	LSG	AN	U	A
Shandong Xingguan Glass Technology Co., Ltd. ; Weifang City, Shandong Province:							
10267	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong Province:							
9505	COMP+CAN	2,7,2,7-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9506	COMP+CAN	8,8-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Shanghai HJ Safety Glass Co., Ltd ; Pudong, Shanghai:							
9315	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	LSG	AN	U	A
Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai:							
9488	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
Shanghai SYP Engineering Glass ; Pudong, Shanghai:							
9404	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9406	COMP+CAN	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong Province:							
9497	COMP+CAN	3,3-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan:							
9379	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
SIGCO, Inc. ; Westbrook, ME:							
9482	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9485	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Sisecam Flat Glass Italy S.r.l. ; S. Giorgio Di Nogaro, Italy:							
9381 IN	COMP+CAN	2,7,2,7-0.38(b)	4,4-0.38(b)	LSG	AN	U	A
Smart Glass Group LLC ; Pompano Beach, FL:							
9894	COMP+CAN	5,5-1.778(ev)	5,5-1.778(ev)	LSG	HS	U	A
Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico:							
9375	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9376	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Stargrup Cam A.S. ; Arnautkoy, Istanbul:							
9499	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
9500	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Sunfire Glass, Inc. ; Medley, FL:							
9502	COMP+CAN	6,6-2.286(ip)	6,6-2.286(ip)	LSG	AN	U	A
9504	COMP+CAN	3,3-2.286(b)	6,6-2.286(b)	LSG	AN	U	A
Syracuse Glass Company, LLC ; Syracuse, NY:							
9552	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9553	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9775	COMP+CAN	3,3-1.905(ev)	3,3-1.905(ev)	LSG	AN	U	A
Tacoma Glass Mfg. Inc. ; Tacoma, WA:							
9576	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Taicang Zhuogao Glass Product Co., Ltd. ; Taicang, Jiangsu:							
9999	COMP+CAN	3,3-1.14(b)	3,3-1.14(b)	LSG	AN	U	A
Technical Glass Company ; Jeddah, Saudi Arabia:							
9575	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:							
9507	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10024	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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Tempco Glass ; Flushing, NY:							
10041	COMPOSITE	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato:							
9512	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9513	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
Templex USA ; Palmetto, FL:							
10231	COMP+CAN	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong Province:							
9574	COMP+CAN	2,7,2.7-0.76(b)	2,7,2.7-0.76(b)	LSG	AN	U	A
TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong Province:							
9586	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu:							
9577	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin:							
9590	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
Thermo BSL ; Riviere-du-loup, Quebec:							
9578	COMP+CAN	3,3-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9609	COMP+CAN	4,4-2.286(ip)	4,4-2.286(ip)	LSG	AN	U	A
Thompson I.G. LLC. ; Fenton, MI:							
9584	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9585	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin:							
9581	COMP+CAN	4,4-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin:							
9582	COMPOSITE	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
9583	COMPOSITE	6,6-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin:							
9398	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9399	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
10020	COMP+CAN	4,4-1.52(ev)	8+,8+-1.52(ev)	LSG	AN	U	A
Tianjin Xinbao Glass Co., Ltd. ; Wuqing District, Tianjin:							
9942	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Transparent Design S.R.L. ; Popesti-Leordeni, Romania:							
9785	COMP+CAN	8,8-0.38(ev)	8+,8+-0.38(ev)	LSG	AN	U	A
Tristar Glass, Inc. ; Catoosa, OK:							
9587	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; City of Industry, CA:							
9632	COMPOSITE	3,3-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
9633	COMPOSITE	5,5-1.52(ip)	6,8+-1.52(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Columbus, OH:							
9320	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9321	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Fort Worth, TX:							
9663	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9664	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
9935	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Grenada, MS:							
9628	COMPOSITE	2,5,2.5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9629	COMPOSITE	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Houston, TX:							
9634	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A

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9635	COMP+CAN	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Lithia Springs, GA:							
9646	COMP+CAN	3,3-0.76(b)	6,8+-0.76(b)	LSG	FT	U	A
9647	COMP+CAN	3,3-0.89(ip)	5,8+-0.89(ip)	LSG	FT	U	A
Trulite Glass and Aluminum Solutions ; New Berlin, WI:							
9654	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9655	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Orlando, FL:							
9652	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9653	COMPOSITE	5,5-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario:							
9588	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Trulite Glass and Aluminum Solutions ; Youngsville, NC:							
9322	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam Bursa FabrikaSubesi ; Yenisehir, Bursa:							
9589	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
U.S. Glass Distributors Inc. ; Enfield, CT:							
9594	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
UAB Stronglasas ; Alytus, Lithuania:							
10093	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
10094 IN	COMP+CAN	8,8-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
Uniglass ; Riyadh, Saudi Arabia:							
9591	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
United Plate Glass Co., Inc. ; Butler, PA:							
9593	COMP+CAN	2,7,2.7-0.76(b)	8+,6-0.76(b)	LSG	AN	U	A
9706	COMP+CAN	3,3-1.52(ip)	3,4-1.52(ip)	LSG	AN	U	A
Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:							
9592	COMP+CAN	2,7,2.7-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
US Glass Depot LLC ; Plainview, NY:							
9957	COMP+CAN	5,5-1.778(ip)	8+,8+-1.778(ip)	LSG	AN	U	A
VA Glass, LLC. ; Ridgeway, VA:							
9620	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9621	COMPOSITE	5,5-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Vandaglas Eckelt GmbH ; Steyr, Austria:							
9556	COMPOSITE	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9557	COMPOSITE	4,4-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza:							
9615	COMPOSITE	5,5-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A
Vetriko S.A. ; Duran, Guayas:							
9597	COMPOSITE	4,4-0.38(ev)	6,6-0.38(ev)	LSG	AN	U	A
9598	COMPOSITE	4,4-0.38(b)	6,6-0.38(b)	LSG	AN	U	A
9599	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Vetrodomus SpA ; Brescia, Province of Brescia:							
9595	COMPOSITE	4,4-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
Vidplex Universal S.AS ; Bogota, Bogota DC:							
9407	COMP+CAN	4,4-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon:							
9467	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9468	COMP+CAN	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A

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Viewrail ; Goshen, IN Eisenhower Dr. North:							
9596	COMP+CAN	6,6-0.89(ip)	8+,6-0.89(ip)	LSG	FT	U	A
Viracon Inc. ; Owatonna, MN:							
9618	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9619	COMP+CAN	3,3-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Vistamatic, LLC ; Coral Springs, FL:							
9624	COMPOSITE	3,3-1.52(ev)	6,6-1.52(ev)	LSG	HS	U	A
9625	COMPOSITE	6,6-2.286(b)	6,6-2.286(b)	LSG	HS	U	A
Vitelsa Mosquera ; Bogota, Cundinamarca:							
9626	COMPOSITE	4,4-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9627	COMPOSITE	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Vitrum Industries Ltd. ; Langley, British Columbia:							
9630	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9631	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:							
9637	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Viwinco, Inc. ; Morgantown, PA:							
9638	COMPOSITE	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
9639	COMPOSITE	3,3-2.286(ip)	5,6-2.286(ip)	LSG	AN	U	A
W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA:							
9403	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9405	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Weifang Guanghua Glass Technology Co., Ltd. ; Weifang City, Shandong:							
10148	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates:							
9684	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9685	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
WHTB Glass, LLC ; Shirley, NY:							
9400	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9401	COMP+CAN	5,5-0.89(ip)	5,5-0.89(ip)	LSG	AN	U	A
W-M Glass sp. zo.o. ; Bartoszyce, Poland:							
9397	COMP+CAN	5,5-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	A
Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu:							
9382	COMPOSITE	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Wutkowski Sp. Zo.o. ; Sliwice, Poland:							
9385	COMP+CAN	4,4-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei:							
9361	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin:							
9358	COMP+CAN	3,3-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning:							
9366	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9367	COMP+CAN	3,3-0.38(b)	6,6-0.38(b)	LSG	AN	U	B
Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province:							
9354	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A
Yakut Cam A.S ; Sancaktepe, Istanbul:							
9346	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A
Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli:							
9344	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9345	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu:							
9343	COMP+CAN	4,4-0.89(ip)	5,6-0.89(ip)	LSG	AN	U	A
Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province:							
9342	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Zhejiang Duoli Plastic Co., Ltd. ; Quzhou, Zhejiang:							
10272	COMPOSITE	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Zhongli Glass Co., Ltd ; Huzhou, Zhejiang:							
9341	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	U	A

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SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
24 Hour Thermal Glass Insulated Ltd. ; Concord, Ontario:						8912	COMPOSITE	3/16	5.0 TTG (MC)		U A
6918	COMPOSITE	5/32	4.0 TTG (MC)		U A	8913	COMPOSITE	1/4	6.0 TTG (MC)		U A
6919	COMPOSITE	3/16	5.0 TTG (MC)		U A	AdvanTec ; Chilliwack, British Columbia:					
6920	COMPOSITE	1/4	6.0 TTG (MC)		U A	7463	COMPOSITE	5/32	4.0 TTG		U A
2479727 Alberta Ltd.(Glassbuilt Manufacturing) ; Edmonton, Alberta:						7464	COMPOSITE	3/16	5.0 TTG		U A
9673	COMP+CAN	5/32	4.0 TTG (MC)		U A	7465	COMPOSITE	1/4	6.0 TTG (MC)		U A
9674	COMP+CAN	3/16	5.0 TTG (MC)		U A	7466	COMPOSITE	5/16	8.0 TTG		U A
9675	COMP+CAN	1/4	6.0 TTG (MC)		U A	7467	COMPOSITE	3/8	10.0 TTG		U A
3 Form ; Kernersville, NC:						7468	COMPOSITE	1/2	12.0 TTG (4)		U A
8085	COMP+CAN	5/32	4.0 TTG		U A	AGNORA LTD ; Collingwood, Ontario:					
8476	COMP+CAN	3/16	5.0 TTG		U A	4883	COMP+CAN	1/4	6.0 TTG (MC)		U A
5026	COMP+CAN	1/4	6.0 TTG		U A	4885	COMP+CAN	3/8	10.0 TTG (MC)		U A
8477	COMP+CAN	5/16	8.0 TTG		U A	4884	COMP+CAN	1/2	12.0 TTG (MC)		U A
5210	COMP+CAN	3/8	10.0 TTG		U A	Agsitech Advanced Materials Corporation Limited ; Zhaoqing, Guangdong Province:					
5211	COMP+CAN	1/2	12.0 TTG		U A	9747	COMPOSITE	1/4	6.0 TTG		U A
8044554 Canada Inc. ; Stewiacke, Nova Scotia:						9748	COMPOSITE	5/16	8.0 TTG		U A
8882	COMP+CAN	1/8	3.0 TTG		U A	9749	COMPOSITE	3/8	10.0 TTG		U A
9705	COMP+CAN	5/32	4.0 TTG (MC)		U A	9750	COMPOSITE	1/2	12.0 TTG		U A
8883	COMP+CAN	3/16	5.0 TTG		U A	Air Master ; Gurabo, Puerto Rico:					
8884	COMP+CAN	1/4	6.0 TTG (MC)		U A	8599	COMPOSITE	1/8	3.0 TTG		U A
8885	COMP+CAN	3/8	10.0 TTG		U A	8600	COMPOSITE	5/32	4.0 TTG		U A
8886	COMP+CAN	1/2	12.0 TTG		U A	8601	COMPOSITE	1/4	6.0 TTG		U A
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia:						8602	COMPOSITE	3/8	10.0 TTG		U A
7269	COMP+CAN	1/4	6.0 TTG (MC)		U A	8424	COMPOSITE	1/2	12.0 TTG		U A
7276	COMP+CAN	5/16	8.0 TTG (MC)		U A	Al Abbar Tempering Plant ; Dubai, United Arab Emirates:					
7277	COMP+CAN	*	12.0 TTG (7)		U A	4846	COMPOSITE	3/16	5.0 TTG		U A
A3 Glass Fabricator LLC ; Houston, TX:						3556	COMPOSITE	1/4	6.0 TTG		U A
8506	COMPOSITE	1/4	6.0 TTG (MC)		U A	3557	COMPOSITE	5/16	8.0 TTG		U A
8507	COMPOSITE	3/8	10.0 TTG		U A	3558	COMPOSITE	3/8	10.0 TTG		U A
10016	COMPOSITE	1/2	12.0 TTG		U A	4590	COMPOSITE	1/2	12.0 TTG		U A
AB Glassic ; Panevėžys, Lithuania:						3976	COMPOSITE	*	15.0 TTG (4)		U A
10225	COMP+CAN	5/32	4.0 TTG (MC)		U A	3977	COMPOSITE	3/4	19.0 TTG		U A
10226	COMP+CAN	1/4	6.0 TTG (MC)		U A	Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia:					
10227	COMP+CAN	5/16	8.0 TTG (MC)		U A	7486	COMPOSITE	1/4	6.0 TTG		U A
Accurate Glass Products ; Barrie, Ontario:						7487	COMPOSITE	1/2	12.0 TTG		U A
8829	COMP+CAN	5/32	4.0 TTG		U A	Al Cam Sanayi ve Ticaret Limited Sirketi ; Istanbul, Sancaktepe:					
7672	COMP+CAN	3/16	5.0 TTG		U A	9243	COMP+CAN	1/4	6.0 TTG (MC)		U A
7418	COMP+CAN	1/4	6.0 TTG		U A	9244	COMP+CAN	5/16	8.0 TTG (MC)		U A
7419	COMP+CAN	5/16	8.0 TTG		U A	Aldora Aluminum and Glass Products Inc. ; Charleston, SC:					
7420	COMP+CAN	3/8	10.0 TTG		U A	4328	COMPOSITE	1/8	3.0 TTG (MC)		U A
7421	COMP+CAN	1/2	12.0 TTG		U A	4330	COMPOSITE	3/16	5.0 TTG (MC)		U A
Ace Safety Glass Co., Ltd. ; Jeongeup-si, Jeollabuk-Do:						4331	COMPOSITE	1/4	6.0 TTG (MC)		U A
8237	COMP+CAN	1/8	3.0 TTG	34X3 4	A	4335	COMPOSITE	3/8	10.0 TTG		U A
8426	COMP+CAN	5/32	4.0 TTG	34x34	A	4336	COMPOSITE	1/2	12.0 TTG		U A
Acme Glass LTD. ; Surrey, British Columbia:						Aldora Aluminum and Glass Products, Inc. ; Austell, GA:					
8603	COMP+CAN	3/16	5.0 TTG		U A	7307	COMPOSITE	1/8	3.0 TTG (MC)		U A
8604	COMP+CAN	1/4	6.0 TTG		U A	7308	COMPOSITE	3/16	5.0 TTG (MC)		U A
8605	COMP+CAN	3/8	10.0 TTG		U A	7309	COMPOSITE	1/4	6.0 TTG (MC)		U A
8606	COMP+CAN	1/2	12.0 TTG		U A	7310	COMPOSITE	3/8	10.0 TTG		U A
Advanced Design Manufacturing ; Antioch, CA:						7311	COMPOSITE	1/2	12.0 TTG (MC)		U A
6685	COMPOSITE	1/4	6.0 TTG		U A	7851	COMPOSITE	3/4	19.0 TTG		U A
6686	COMPOSITE	3/8	10.0 TTG		U A	Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:					
Advanced Impact Technologies ; Largo, FL:						7643	COMPOSITE	3/16	5.0 TTG (MC)		U A
7374	COMP+CAN	1/8	3.0 TTG		U A	7644	COMPOSITE	1/4	6.0 TTG (MC)		U A
7375	COMP+CAN	3/16	5.0 TTG (MC)		U A	7645	COMPOSITE	3/8	10.0 TTG		U A
7376	COMP+CAN	1/4	6.0 TTG (MC)		U A	7646	COMPOSITE	1/2	12.0 TTG		U A
7377	COMP+CAN	3/8	10.0 TTG		U A	7647	COMPOSITE	5/8	16.0 TTG		U A
7378	COMP+CAN	1/2	12.0 TTG		U A	Aldora Aluminum and Glass Products, Inc. ; Newport News, VA:					
Advantage Glass Corp ; Crystal Lake, IL:						10057	COMP+CAN	3/16	5.0 TPG (s)		U A
8911	COMPOSITE	5/32	4.0 TTG (MC)		U A	8791	COMPOSITE	1/8	3.0 TTG		U A
						8792	COMPOSITE	3/16	5.0 TTG		U A
						8793	COMPOSITE	1/4	6.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
8794	COMPOSITE	3/8	10.0 TTG		U A	8389	COMPOSITE	1/2	12.0 TTG		U A
8795	COMPOSITE	1/2	12.0 TTG		U A	8390	COMPOSITE	3/4	19.0 TTG (IN)		U A
9827	COMP+CAN	3/4	19.0 TTG		U A						
Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:						American Insulated Glass ; Dallas, NC:					
5574	COMPOSITE	1/8	3.0 TTG (MC)		U A	3859	COMPOSITE	1/8	3.0 TTG (MC)		U A
5575	COMPOSITE	3/16	5.0 TTG (MC)		U A	3860	COMPOSITE	5/32	4.0 TTG (IN)		U A
5576	COMPOSITE	1/4	6.0 TTG (MC)		U A						
5579	COMPOSITE	3/8	10.0 TTG		U A	3861	COMPOSITE	3/16	5.0 TTG (MC)		U A
5577	COMPOSITE	1/2	12.0 TTG		U A	3862	COMPOSITE	1/4	6.0 TTG (MC)		U A
All Counties Glass ; Stockton, CA:						3863	COMPOSITE	3/8	10.0 TTG		U A
6409	COMP+CAN	1/8	3.0 TTG (MC)		U A	3864	COMPOSITE	1/2	12.0 TTG		U A
6410	COMP+CAN	5/32	4.0 TTG (MC)		U A	American Insulated Glass Inc. ; Birmingham, AL:					
6411	COMP+CAN	3/16	5.0 TTG (MC)		U A	8459	COMPOSITE	1/8	3.0 TTG (MC)		U A
6412	COMP+CAN	1/4	6.0 TTG (MC)		U A	8460	COMPOSITE	3/16	5.0 TTG (MC)		U A
6413	COMP+CAN	5/16	8.0 TTG		U A	8461	COMPOSITE	1/4	6.0 TTG (MC)		U A
6414	COMP+CAN	3/8	10.0 TTG		U A	8462	COMPOSITE	3/8	10.0 TTG		U A
6415	COMP+CAN	1/2	12.0 TTG		U A	8463	COMPOSITE	1/2	12.0 TTG		U A
All Glass (Suqian) Holding Co., Ltd. ; Suqian City, Jiangsu:						American Insulated Glass LLC. ; Knoxville, TN:					
9832	COMP+CAN	1/4	6.0 TTG		U A	8906	COMPOSITE	1/8	3.0 TPG (s)		U A
9833	COMP+CAN	5/16	8.0 TTG		U A	8908	COMPOSITE	5/32	4.0 TPG (s)		U A
9834	COMP+CAN	*	12.0 TTG (3)		U A	8907	COMPOSITE	3/16	5.0 TPG (m)		U A
All Team Glass & Mirror, Ltd. ; Woodbridge, Ontario:						8900	COMPOSITE	1/8	3.0 TTG (MC)		U A
8218	COMP+CAN	5/32	4.0 TTG		U A	8901	COMPOSITE	5/32	4.0 TTG (MC)		U A
1755	COMP+CAN	3/16	5.0 TTG		U A	8902	COMPOSITE	3/16	5.0 TTG (MC)		U A
1756	COMP+CAN	1/4	6.0 TTG		U A	8903	COMPOSITE	1/4	6.0 TTG (MC)		U A
2790	COMP+CAN	5/16	8.0 TTG		U A	8904	COMPOSITE	3/8	10.0 TTG		U A
1757	COMP+CAN	3/8	10.0 TTG		U A	8905	COMPOSITE	1/2	12.0 TTG		U A
1758	COMP+CAN	*	12.0 TTG (4)		U A	American Insulated Glass LLC. ; Plymouth Township, MI:					
4355	COMP+CAN	5/8	16.0 TTG		U A	7875	COMPOSITE	1/8	3.0 TPG (s)		U A
3656	COMP+CAN	3/4	19.0 TTG		U A	7876	COMPOSITE	3/16	5.0 TPG (m)		U A
Allglass Tempering Inc. ; Schiller Park, IL:						7834	COMPOSITE	1/8	3.0 TTG (MC)		U A
5835	COMPOSITE	5/32	4.0 TTG		U A	7835	COMPOSITE	3/16	5.0 TTG (MC)		U A
5836	COMPOSITE	3/16	5.0 TTG (MC)		U A	7836	COMPOSITE	1/4	6.0 TTG (MC)		U A
5837	COMPOSITE	1/4	6.0 TTG (MC)		U A	7837	COMPOSITE	3/8	10.0 TTG		U A
5838	COMPOSITE	3/8	10.0 TTG		U A	American Insulated Glass, LLC ; Conley, GA:					
5839	COMPOSITE	1/2	12.0 TTG		U A	5288	COMPOSITE	1/8	3.0 TPG (s)		U A
ALROMA CORP. ; Dania Beach, FL:						5289	COMPOSITE	3/16	5.0 TPG (m)		U A
5452	COMPOSITE	3/16	5.0 TTG		U A	5283	COMPOSITE	1/8	3.0 TTG (MC)		U A
5019	COMPOSITE	1/4	6.0 TTG		U A	5284	COMPOSITE	3/16	5.0 TTG (MC)		U A
5020	COMPOSITE	3/8	10.0 TTG		U A	5285	COMPOSITE	1/4	6.0 TTG (MC)		U A
5021	COMPOSITE	1/2	12.0 TTG		U A	5286	COMPOSITE	3/8	10.0 TTG		U A
Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia:						5287	COMPOSITE	1/2	12.0 TTG		U A
6151	COMP+CAN	1/4	6.0 TTG		U A	American Insulated Glass, LLC ; Ijamsville, MD:					
6152	COMP+CAN	5/16	8.0 TTG		U A	8098	COMPOSITE	3/16	5.0 TTG		U A
6891	COMP+CAN	3/8	10.0 TTG		U A	8099	COMPOSITE	1/4	6.0 TTG (MC)		U A
7346	COMP+CAN	1/2	12.0 TTG (7)		U A	6144	COMPOSITE	3/8	10.0 TTG		U A
Aluminum Technology Auxiliary Industries ; Doha, Qatar:						6145	COMPOSITE	1/2	12.0 TTG		U A
7197	COMP+CAN	1/4	6.0 TTG		U A	Amsco Windows ; Salt Lake City, UT:					
7198	COMP+CAN	5/16	8.0 TTG		U A	2582	COMPOSITE	1/8	3.0 TPG (m)		U A
5084	COMP+CAN	3/8	10.0 TTG		U A	2584	COMPOSITE	3/16	5.0 TPG (m)		U A
5212	COMP+CAN	*	12.0 TTG (3)		U A	2578	COMPOSITE	1/8	3.0 TTG (MC)		U A
Aluminum Window Designs LTD ; Woodbridge, Ontario:						4643	COMPOSITE	5/32	4.0 TTG (IN)		U A
9138	COMP+CAN	5/32	4.0 TTG (MC)		U A						
9139	COMP+CAN	3/16	5.0 TTG		U A	2580	COMPOSITE	3/16	5.0 TTG (MC)		U A
9140	COMP+CAN	1/4	6.0 TTG (MC)		U A	2581	COMPOSITE	1/4	6.0 TTG		U A
9141	COMP+CAN	5/16	8.0 TTG		U A	Anhui Dahe Mirror Enterprise Co. LTD. ; Wuhu, Anhui:					
American Glass Tempering and Fabricators, Inc. ; Houston, TX:						8570	COMP+CAN	1/8	3.0 TTG		U A
8385	COMPOSITE	1/8	3.0 TTG (MC)		U A	8571	COMP+CAN	3/16	5.0 TTG		U A
8406	COMPOSITE	5/32	4.0 TTG (IN)		U A	8572	COMP+CAN	1/4	6.0 TTG		U A
	IN					8573	COMP+CAN	5/16	8.0 TTG		U A
10019	COMPOSITE	3/16	5.0 TTG		U A	8574	COMP+CAN	3/8	10.0 TTG		U A
8387	COMPOSITE	1/4	6.0 TTG (MC)		U A	8575	COMP+CAN	*	12.0 TTG (4)		U A
8388	COMPOSITE	3/8	10.0 TTG		U A	Anthony International ; Madison, GA:					
						6099	COMPOSITE	5/32	4.0 TBG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
2306	COMPOSITE	3/16	5.0 TBG		U A	9814	COMP+CAN	3/16	5.0 TPG (m)		U A
2307	COMPOSITE	1/4	6.0 TBG		U A	9815	COMP+CAN	1/4	6.0 TPG (m)		U A
3249	COMPOSITE	1/8	3.0 TTG		U A	9816	COMP+CAN	3/8	10.0 TPG (s)		U A
3027	COMPOSITE	5/32	4.0 TTG		U A	9806	COMP+CAN	1/8	3.0 TTG		U A
2352	COMPOSITE	3/16	5.0 TTG		U A	9807	COMP+CAN	5/32	4.0 TTG		U A
2353	COMPOSITE	1/4	6.0 TTG		U A	9808	COMP+CAN	3/16	5.0 TTG		U A
2453	COMPOSITE	3/8	10.0 TTG		U A	9809	COMP+CAN	1/4	6.0 TTG		U A
Anthony International ; San Fernando, CA:						9810	COMP+CAN	5/16	8.0 TTG		U A
520	COMPOSITE	1/8	3.0 TTG (MC)		U A	9811	COMP+CAN	3/8	10.0 TTG		U A
2289	COMPOSITE	5/32	4.0 TTG (MC)		U A	9812	COMP+CAN	1/2	12.0 TTG		U A
999	COMPOSITE	3/16	5.0 TTG (MC)		U A	9813	COMP+CAN	3/4	19.0 TTG		U A
1000	COMPOSITE	1/4	6.0 TTG (MC)		U A	Basco Engineered Products ; Hamilton, OH:					
Architectural Glass Products, LLC. ; St. Louis, MO:						8106	COMPOSITE	3/16	5.0 TPG (m)		U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	4689	COMPOSITE	1/4	6.0 TPG (m)		U A
4571	COMPOSITE	1/8	3.0 TTG (MC)		U A	5203	COMPOSITE	3/8	10.0 TPG (m)		U A
4572	COMPOSITE	3/16	5.0 TTG (MC)		U A	4139	COMPOSITE	1/8	3.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	4724	COMPOSITE	3/16	5.0 TTG		U A
arcon Flach- und Sicherheitsglas GmbH & Co. KG ; Feuchtwangen, Germany:						3810	COMPOSITE	1/4	6.0 TTG		U A
10069	COMP+CAN	1/4	6.0 TTG (MC)		U A	3811	COMPOSITE	3/8	10.0 TTG		U A
10070	COMP+CAN	5/16	8.0 TTG (MC)		U A	3812	COMPOSITE	1/2	12.0 TTG		U A
10071	COMP+CAN	3/8	10.0 TTG (MC)		U A	5076	COMPOSITE	3/4	19.0 TTG		U A
10072	COMP+CAN	1/2	12.0 TTG (MC)		U A	Beijing Guanhua Dongfang Glass Technology Co. Ltd ; Beijing, Fangshan District:					
ArcTech Glass Ltd. ; Surrey, British Columbia:						9240	COMPOSITE	3/8	10.0 VIGT (MC)		U A
9901	COMP+CAN	3/16	5.0 TTG		U A	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch ; Zaozhuang, Shandong Province:					
8815	COMP+CAN	1/4	6.0 TTG		U A	9086	COMPOSITE	3/16	5.0 TTG		U A
9004	COMP+CAN	5/16	8.0 TTG		U A	9087	COMPOSITE	1/4	6.0 TTG		U A
9005	COMP+CAN	3/8	10.0 TTG		U A	9088	COMPOSITE	5/16	8.0 TTG		U A
9006	COMP+CAN	1/2	12.0 TTG *(3)		U A	9089	COMPOSITE	3/8	10.0 TTG		U A
Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:						9090	COMPOSITE	1/2	12.0 TTG		U A
9142	COMP+CAN	1/4	6.0 TTG (MC)		U A	Beijing NorthTech Haiyangshunda Glass Ltd. ; Daxing District, Beijing:					
9143	COMP+CAN	5/16	8.0 TTG (MC)		U A	6668	COMP+CAN	1/4	6.0 TTG		U A
9144	COMP+CAN	3/8	10.0 TTG (MC)		U A	6669	COMP+CAN	5/16	8.0 TTG		U A
9145	COMP+CAN	1/2	12.0 TTG		U A	7562	COMP+CAN	3/8	10.0 TTG		U A
Arino Duglass ; Zaragoza, Spain:						9196	COMP+CAN	*	12.0 TTG (3)		U A
8757	COMP+CAN	1/4	6.0 TTG		U A	Beijing Wuhuatianbao Glass Co., Ltd. ; Beijing, Shunyi District:					
8758	COMP+CAN	5/16	8.0 TTG		U A	6903	COMP+CAN	5/32	4.0 TTG		U A
8759	COMP+CAN	3/8	10.0 TTG		U A	6904	COMP+CAN	3/16	5.0 TTG		U A
Arlene Stained Glass & Door ; Houston, TX:						6905	COMP+CAN	1/4	6.0 TTG		U A
3585	COMPOSITE	5/32	4.0 TPG (d)		U A	6906	COMP+CAN	5/16	8.0 TTG		U A
5127	COMPOSITE	1/8	3.0 TTG (MC)		U A	6907	COMP+CAN	3/8	10.0 TTG		U A
3583	COMPOSITE	3/16	5.0 TTG		U A	6908	COMP+CAN	*	12.0 TTG (3)		U A
3584	COMPOSITE	1/4	6.0 TTG		U A	6909	COMP+CAN	*	15.0 TTG (3)		U A
ATI Windows ; Riverside, CA:						6910	COMP+CAN	3/4	19.0 TTG		U A
5639	COMPOSITE	1/8	3.0 TPG (s)		U A	Bel Pre Glassworks Inc. ; Rockville, MD:					
7995	COMPOSITE	5/32	4.0 TPG (m)		U A	6320	COMPOSITE	1/8	3.0 TTG		U A
5635	COMPOSITE	1/8	3.0 TTG (MC)		U A	6321	COMPOSITE	3/16	5.0 TTG		U A
5636	COMPOSITE	5/32	4.0 TTG (MC)		U A	6322	COMPOSITE	1/4	6.0 TTG		U A
5637	COMPOSITE	3/16	5.0 TTG		U A	9801	COMPOSITE	3/8	10.0 TTG		U A
5638	COMPOSITE	1/4	6.0 TTG		U A	6324	COMPOSITE	1/2	12.0 TTG		U A
8057	COMPOSITE	3/8	10.0 TTG		U A	6325	COMPOSITE	3/4	19.0 TTG		U A
8058	COMPOSITE	1/2	12.0 TTG		U A	Bel Shower Door Corporation ; Englewood, CO:					
ATN Windows and Doors ; Jurupa Valley, CA:						6474	COMP+CAN	3/16	5.0 TPG (m)		U A
10208	COMPOSITE	1/8	3.0 TTG (MC)		U A	6470	COMP+CAN	3/16	5.0 TTG		U A
10209	COMPOSITE	3/16	5.0 TTG (MC)		U A	6471	COMP+CAN	1/4	6.0 TTG		U A
10210	COMPOSITE	1/4	6.0 TTG		U A	6472	COMP+CAN	3/8	10.0 TTG		U A
Aurora Windows and Doors ; Fremont, CA:						6473	COMP+CAN	1/2	12.0 TTG		U A
8819	COMPOSITE	3/16	5.0 TTG		U A	Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Bavaria:					
8818	COMPOSITE	1/4	6.0 TTG		U A	2570	COMP+CAN	*	6.0 TBG (2)	22x76	A
8820	COMPOSITE	3/8	10.0 TTG		U A	2569	COMP+CAN	*	7.0 TBG (2)	14x76	A
8821	COMPOSITE	1/2	12.0 TTG		U A	5145	COMP+CAN	*	6.0 TBP (s)(5)	22x76	A
Basco - Grand Haven ; Grand Haven, MI:						5144	COMP+CAN	*	7.0 TBP (d)(2)	14x76	A
10081	COMP+CAN	5/32	4.0 TPG (d)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
BG Glass Technologies Inc. ; Barrie, Ontario:						6857	COMPOSITE	5/16	8.0 TTG		U A
8137	COMP+CAN	5/32	4.0 TTG		U A	6858	COMPOSITE	3/8	10.0 TTG		U A
8138	COMP+CAN	3/16	5.0 TTG		U A	6859	COMPOSITE	1/2	12.0 TTG		U A
8139	COMP+CAN	1/4	6.0 TTG		U A	6860	COMPOSITE	3/4	19.0 TTG (IN)		U A
8993	COMP+CAN	5/16	8.0 TTG		U A	Cagdas Cam San. TIC. A.S. ; Kuyucak, Aydin:					
8140	COMP+CAN	3/8	10.0 TTG		U A	9793	COMP+CAN	1/8	3.0 TTG		U A
8141	COMP+CAN	1/2	12.0 TTG		U A	9794	COMP+CAN	5/32	4.0 TTG (MC)		U A
BKSC Glass LLC ; Brooklyn, NY:						California Safety Glass S.A. de C.V. ; Tijuana, Baja California:					
7170	COMP+CAN	3/16	5.0 TTG (MC)		U A	9127	COMPOSITE	3/16	5.0 TTG		U A
7171	COMP+CAN	1/4	6.0 TTG (MC)		U A	9128	COMPOSITE	1/4	6.0 TTG		U A
7172	COMP+CAN	3/8	10.0 TTG		U A	9129	COMPOSITE	5/16	8.0 TTG		U A
7173	COMP+CAN	1/2	12.0 TTG		U A	9130	COMPOSITE	3/8	10.0 TTG		U A
Blackline Aluminum Systems ; Markham, Ontario:						Cameron Glass, LLC. ; Broken Arrow, OK:					
8117	COMP+CAN	5/32	4.0 TTG		U A	4832	COMP+CAN	1/8	3.0 TTG		U A
8118	COMP+CAN	3/16	5.0 TTG		U A	2501	COMP+CAN	3/16	5.0 TTG		U A
8119	COMP+CAN	1/4	6.0 TTG (MC)		U A	2455	COMP+CAN	1/4	6.0 TTG		U A
8120	COMP+CAN	3/8	10.0 TTG		U A	2032	COMP+CAN	3/8	10.0 TTG		U A
Blue Star Glass Inc. ; North Brunswick, NJ:						2033	COMP+CAN	1/2	12.0 TTG		U A
6782	COMPOSITE	5/32	4.0 TTG (MC)		U A	Camyapi Cam Paz. Ins. Taah. Tic.ve San. A.S. ; Bergama/Izmir:					
4518	COMPOSITE	3/16	5.0 TTG (MC)		U A	9863	COMP+CAN	1/4	6.0 TTG		U A
4519	COMPOSITE	1/4	6.0 TTG (MC)		U A	9864	COMP+CAN	5/16	8.0 TTG		U A
6407	COMPOSITE	5/16	8.0 TTG (MC)		U A	9865	COMP+CAN	3/8	10.0 TTG		U A
4520	COMPOSITE	3/8	10.0 TTG (MC)		U A	Cardinal CG ; Buford, GA:					
4521	COMPOSITE	1/2	12.0 TTG		U A	2146	COMP+CAN	1/8	3.0 TPG (s)		U A
5174	COMPOSITE	5/8	16.0 TTG		U A	4599	COMP+CAN	3/16	5.0 TPG (s)		U A
5175	COMPOSITE	3/4	19.0 TTG		U A	1921	COMP+CAN	1/8	3.0 TTG (MC)		U A
Blue Star Glass Texas, LLC ; Dallas, TX:						1922	COMP+CAN	5/32	4.0 TTG		U A
8780	COMPOSITE	1/4	6.0 TTG (MC)		U A	1923	COMP+CAN	3/16	5.0 TTG		U A
8898	COMPOSITE	5/16	8.0 TTG (MC)		U A	1924	COMP+CAN	1/4	6.0 TTG		U A
BOJAR SP z.o.o. ; Poland:						Cardinal CG ; Galt, CA:					
9699	COMP+CAN	*	6.0 TTG (3)(MC)		U A	3599	COMPOSITE	1/8	3.0 TPG (s)		U A
9700	COMP+CAN	5/16	8.0 TTG (MC)		U A	4347	COMPOSITE	5/32	4.0 TPG (d)		U A
9701	COMP+CAN	3/8	10.0 TTG (MC)		U A	3601	COMPOSITE	3/16	5.0 TPG (m)		U A
Brick Glass ; Houston, TX:						2357	COMPOSITE	1/8	3.0 TTG (MC)		U A
8213	COMPOSITE	1/4	6.0 TTG (MC)		U A	2358	COMPOSITE	5/32	4.0 TTG (MC)		U A
8214	COMPOSITE	3/8	10.0 TTG		U A	2359	COMPOSITE	3/16	5.0 TTG (MC)		U A
8215	COMPOSITE	1/2	12.0 TTG		U A	2360	COMPOSITE	1/4	6.0 TTG (MC)		U A
Bronco Industries, Inc. ; Delta, British Columbia:						Cardinal CG ; Mazomanie, WI:					
6973	COMP+CAN	1/8	3.0 TTG		U A	4780	COMP+CAN	1/8	3.0 TTG (MC)		U A
5871	COMP+CAN	5/32	4.0 TTG		U A	4781	COMP+CAN	5/32	4.0 TTG (MC)		U A
6974	COMP+CAN	3/16	5.0 TTG		U A	5306	COMP+CAN	3/16	5.0 TTG (MC)		U A
5366	COMP+CAN	1/4	6.0 TTG		U A	4783	COMP+CAN	1/4	6.0 TTG (MC)		U A
5367	COMP+CAN	3/8	10.0 TTG		U A	6552	COMP+CAN	5/16	8.0 TTG (MC)		U A
5368	COMP+CAN	1/2	12.0 TTG		U A	9283	COMP+CAN	3/8	10.0 TTG		U A
6972	COMP+CAN	3/4	19.0 TTG		U A	Cardinal CG ; Northfield, MN:					
Builders FirstSource Inc., dba Barefoot & Company ; Monroe, NC:						2011	COMP+CAN	1/8	3.0 TPG (s)		U A
10235	COMPOSITE	1/4	6.0 TTG		U A	2012	COMP+CAN	5/32	4.0 TPG (d)		U A
10236	COMPOSITE	3/8	10.0 TTG		U A	2013	COMP+CAN	3/16	5.0 TPG (m)		U A
10237	COMPOSITE	1/2	12.0 TTG		U A	1985	COMP+CAN	1/8	3.0 TTG (MC)		U A
BVGLAZING SYSTEMS ; Concord, Ontario:						1986	COMP+CAN	5/32	4.0 TTG (MC)		U A
6139	COMP+CAN	3/16	5.0 TPG (s)		U A	1987	COMP+CAN	3/16	5.0 TTG (MC)		U A
6135	COMP+CAN	3/16	5.0 TTG (MC)		U A	1988	COMP+CAN	1/4	6.0 TTG (MC)		U A
6136	COMP+CAN	1/4	6.0 TTG (MC)		U A	4775	COMP+CAN	5/16	8.0 TTG (MC)		U A
6137	COMP+CAN	5/16	8.0 TTG (MC)		U A	4137	COMP+CAN	3/8	10.0 TTG		U A
6138	COMP+CAN	3/8	10.0 TTG (MC)		U A	6534	COMP+CAN	1/2	12.0 TTG		U A
C&C Custom Glass & Tempering, LLC ; Tulsa, OK:						Cardinal CG ; Spring Green, WI:					
6962	COMPOSITE	5/32	4.0 TPG (s)		U A	2071	COMP+CAN	1/8	3.0 TPG (s)		U A
6861	COMPOSITE	3/16	5.0 TPG (s)		U A	2067	COMP+CAN	1/8	3.0 TTG (MC)		U A
6862	COMPOSITE	3/8	10.0 TPG (s)		U A	2068	COMP+CAN	5/32	4.0 TTG (MC)		U A
6854	COMPOSITE	5/32	4.0 TTG		U A	2069	COMP+CAN	3/16	5.0 TTG (MC)		U A
6855	COMPOSITE	3/16	5.0 TTG		U A	2070	COMP+CAN	1/4	6.0 TTG (MC)		U A
6856	COMPOSITE	1/4	6.0 TTG		U A	5281	COMP+CAN	5/16	8.0 TTG (MC)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Cardinal CG ; Tumwater, WA:						4344	COMPOSITE	5/32	4.0 TPG (d)		U A
2954	COMP+CAN	1/8	3.0 TPG (s)		U A	4345	COMPOSITE	3/16	5.0 TPG (m)		U A
6723	COMP+CAN	5/32	4.0 TPG (d)		U A	5720	COMPOSITE	1/4	6.0 TPG (d)		U A
2956	COMP+CAN	3/16	5.0 TPG (m)		U A	3579	COMPOSITE	1/8	3.0 TTG (MC)		U A
9853	COMP+CAN	1/4	6.0 TPG (m)		U A	3580	COMPOSITE	5/32	4.0 TTG (MC)		U A
2007	COMP+CAN	1/8	3.0 TTG (MC)		U A	3581	COMPOSITE	3/16	5.0 TTG (MC)		U A
2008	COMP+CAN	5/32	4.0 TTG (MC)		U A	3555	COMPOSITE	1/4	6.0 TTG (MC)		U A
2009	COMP+CAN	3/16	5.0 TTG (MC)		U A	9268	COMPOSITE	5/16	8.0 TTG		U A
2010	COMP+CAN	1/4	6.0 TTG (MC)		U A	8870	COMPOSITE	3/8	10.0 TTG		U A
Cardinal CG ; Waxahachie, TX:						9267	COMPOSITE	3/8	10.0 TTG (m)		U A
8556	COMP+CAN	1/8	3.0 TPG (s)		U A	8969	COMPOSITE	1/2	12.0 TTG		U A
4047	COMP+CAN	5/32	4.0 TPG (m)		U A	Cardinal CT ; Moreno Valley, CA:					
2705	COMP+CAN	3/16	5.0 TPG (m)		U A	5335	COMP+CAN	1/8	3.0 TPG (s)		U A
2699	COMP+CAN	1/8	3.0 TTG (MC)		U A	9151	COMP+CAN	5/32	4.0 TPG (d)		U A
2700	COMP+CAN	5/32	4.0 TTG (MC)		U A	5336	COMP+CAN	3/16	5.0 TPG (m)		U A
2701	COMP+CAN	3/16	5.0 TTG (MC)		U A	2293	COMP+CAN	1/8	3.0 TTG (MC)		U A
2702	COMP+CAN	1/4	6.0 TTG (MC)		U A	2294	COMP+CAN	5/32	4.0 TTG (MC)		U A
Cardinal CT ; Adel, GA:						2295	COMP+CAN	3/16	5.0 TTG (MC)		U A
5098	COMP+CAN	1/8	3.0 TPG (d)		U A	2296	COMP+CAN	1/4	6.0 TTG (MC)		U A
5099	COMP+CAN	5/32	4.0 TPG (d)		U A	Cardinal CT ; Mount Airy, NC:					
5100	COMP+CAN	3/16	5.0 TPG (d)		U A	4581	COMP+CAN	1/8	3.0 TPG (d)		U A
6174	COMP+CAN	1/4	6.0 TPG (d)		U A	4742	COMP+CAN	5/32	4.0 TPG (m)		U A
6516	COMP+CAN	3/8	10.0 TPG (d)		U A	4582	COMP+CAN	3/16	5.0 TPG (m)		U A
5095	COMP+CAN	1/8	3.0 TTG (MC)		U A	4578	COMP+CAN	1/8	3.0 TTG (MC)		U A
5096	COMP+CAN	5/32	4.0 TTG (MC)		U A	4579	COMP+CAN	5/32	4.0 TTG (MC)		U A
5097	COMP+CAN	3/16	5.0 TTG (MC)		U A	4580	COMP+CAN	3/16	5.0 TTG (MC)		U A
5364	COMP+CAN	1/4	6.0 TTG (MC)		U A	8134	COMP+CAN	1/4	6.0 TTG (MC)		U A
6842	COMP+CAN	5/16	8.0 TTG		U A	Cardinal CT ; Utica, OH:					
6172	COMP+CAN	3/8	10.0 TTG		U A	4623	COMP+CAN	1/8	3.0 TPG (m)		U A
6173	COMP+CAN	1/2	12.0 TTG		U A	4624	COMP+CAN	5/32	4.0 TPG (m)		U A
Cardinal CT ; Casa Grande, AZ:						4625	COMP+CAN	3/16	5.0 TPG (m)		U A
4103	COMP+CAN	1/8	3.0 TPG (m)		U A	4620	COMP+CAN	1/8	3.0 TTG (MC)		U A
4104	COMP+CAN	5/32	4.0 TPG (d)		U A	4621	COMP+CAN	5/32	4.0 TTG (MC)		U A
4105	COMP+CAN	3/16	5.0 TPG (m)		U A	4622	COMP+CAN	3/16	5.0 TTG (MC)		U A
2878	COMP+CAN	1/8	3.0 TTG (MC)		U A	5479	COMP+CAN	1/4	6.0 TTG (MC)		U A
2879	COMP+CAN	5/32	4.0 TTG (MC)		U A	Cardinal FG ; Durant, OK:					
2880	COMP+CAN	3/16	5.0 TTG (MC)		U A	2909	COMP+CAN	1/8	3.0 TTG (MC)		U A
2881	COMP+CAN	1/4	6.0 TTG (MC)		U A	2910	COMP+CAN	5/32	4.0 TTG (MC)		U A
Cardinal CT ; Dixon, CA:						2911	COMP+CAN	3/16	5.0 TTG (MC)		U A
8674	COMPOSITE	1/8	3.0 TPG (s)		U A	2912	COMP+CAN	1/4	6.0 TTG (MC)		U A
8675	COMPOSITE	5/32	4.0 TPG (s)		U A	Cardinal FG ; Greenland, TN:					
8676	COMPOSITE	3/16	5.0 TPG (s)		U A	598	COMP+CAN	1/8	3.0 TTG (MC)		U A
8480	COMPOSITE	1/8	3.0 TTG (MC)		U A	955	COMP+CAN	5/32	4.0 TTG (MC)		U A
8481	COMPOSITE	5/32	4.0 TTG (MC)		U A	220	COMP+CAN	3/16	5.0 TTG (MC)		U A
8482	COMPOSITE	3/16	5.0 TTG (MC)		U A	89	COMP+CAN	1/4	6.0 TTG (MC)		U A
2842	COMPOSITE	1/4	6.0 TTG (MC)		U A	Cardinal IG ; Buckeye, AZ:					
Cardinal CT ; Easton, PA:						7491	COMP+CAN	1/8	3.0 TPG (m)		U A
4759	COMP+CAN	1/8	3.0 TPG (d)		U A	6525	COMP+CAN	5/32	4.0 TPG (d)		U A
4760	COMP+CAN	5/32	4.0 TPG (s)		U A	6559	COMP+CAN	3/16	5.0 TPG (m)		U A
6143	COMP+CAN	3/16	5.0 TPG (m)		U A	6556	COMP+CAN	1/8	3.0 TTG (MC)		U A
4756	COMP+CAN	1/8	3.0 TTG (MC)		U A	6522	COMP+CAN	5/32	4.0 TTG (MC)		U A
4757	COMP+CAN	5/32	4.0 TTG (MC)		U A	6523	COMP+CAN	3/16	5.0 TTG (MC)		U A
4758	COMP+CAN	3/16	5.0 TTG (MC)		U A	6524	COMP+CAN	1/4	6.0 TTG (MC)		U A
5842	COMP+CAN	1/4	6.0 TTG		U A	6557	COMP+CAN	5/16	8.0 TTG (MC)		U A
Cardinal CT ; Fort Worth, TX:						Cardinal IG ; Fargo, ND:					
7321	COMP+CAN	1/8	3.0 TPG (m)		U A	2231	COMP+CAN	1/8	3.0 TPG (s)		U A
7323	COMP+CAN	5/32	4.0 TPG (m)		U A	2285	COMP+CAN	5/32	4.0 TPG (m)		U A
7322	COMP+CAN	3/16	5.0 TPG (m)		U A	2286	COMP+CAN	3/16	5.0 TPG (s)		U A
7317	COMP+CAN	1/8	3.0 TTG (MC)		U A	2235	COMP+CAN	1/8	3.0 TTG (MC)		U A
7318	COMP+CAN	5/32	4.0 TTG (MC)		U A	2234	COMP+CAN	5/32	4.0 TTG (MC)		U A
7319	COMP+CAN	3/16	5.0 TTG (MC)		U A	2233	COMP+CAN	3/16	5.0 TTG (MC)		U A
7320	COMP+CAN	1/4	6.0 TTG (MC)		U A	2232	COMP+CAN	1/4	6.0 TTG (MC)		U A
Cardinal CT ; Loveland, CO:						7067	COMP+CAN	5/16	8.0 TTG (MC)		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Cardinal IG ; Fremont, IN:						2919	COMP+CAN	1/8	3.0 TTG (MC)		U A
2203	COMP+CAN	1/8	3.0 TPG (s)		U A	2920	COMP+CAN	5/32	4.0 TTG (MC)		U A
2204	COMP+CAN	5/32	4.0 TPG (m)		U A	2921	COMP+CAN	3/16	5.0 TTG (MC)		U A
2205	COMP+CAN	3/16	5.0 TPG (s)		U A	2922	COMP+CAN	1/4	6.0 TTG (MC)		U A
2176	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cardinal IG ; Waxahachie, TX:					
2177	COMP+CAN	5/32	4.0 TTG (MC)		U A	2397	COMP+CAN	1/8	3.0 TPG (m)		U A
2178	COMP+CAN	3/16	5.0 TTG (MC)		U A	8921	COMP+CAN	5/32	4.0 TPG (d)		U A
2179	COMP+CAN	1/4	6.0 TTG (MC)		U A	2399	COMP+CAN	3/16	5.0 TPG (m)		U A
Cardinal IG ; Greenfield, IA:						2328	COMP+CAN	1/8	3.0 TTG (MC)		U A
1841	COMP+CAN	1/8	3.0 TPG (s)		U A	2329	COMP+CAN	5/32	4.0 TTG (MC)		U A
1842	COMP+CAN	5/32	4.0 TPG (d)		U A	2330	COMP+CAN	3/16	5.0 TTG (MC)		U A
1843	COMP+CAN	3/16	5.0 TPG (s)		U A	2331	COMP+CAN	1/4	6.0 TTG (MC)		U A
1827	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cardinal LG ; Amery, WI:					
1828	COMP+CAN	5/32	4.0 TTG (MC)		U A	8255	COMP+CAN	5/32	4.0 TTG (MC)		U A
1829	COMP+CAN	3/16	5.0 TTG (MC)		U A	5193	COMP+CAN	3/16	5.0 TTG (MC)		U A
1830	COMP+CAN	1/4	6.0 TTG (MC)		U A	4841	COMP+CAN	1/4	6.0 TTG (MC)		U A
5435	COMP+CAN	5/16	8.0 TTG		U A	4842	COMP+CAN	5/16	8.0 TTG (MC)		U A
Cardinal IG ; Hood River, OR:						4843	COMP+CAN	3/8	10.0 TTG (MC)		U A
2857	COMP+CAN	1/8	3.0 TPG (s)		U A	4844	COMP+CAN	1/2	12.0 TTG (MC)		U A
4836	COMP+CAN	5/32	4.0 TPG (d)		U A	6484	COMP+CAN	5/8	16.0 TTG (IN)		U A
2859	COMP+CAN	3/16	5.0 TPG (m)		U A	Cardinal LG ; Ocala, FL:					
2831	COMP+CAN	1/8	3.0 TTG (MC)		U A	4584	COMPOSITE	1/8	3.0 TPG (m)		U A
2858	COMP+CAN	5/32	4.0 TTG (MC)		U A	4587	COMPOSITE	1/4	6.0 TPG (s)		U A
2833	COMP+CAN	3/16	5.0 TTG (MC)		U A	3505	COMPOSITE	1/8	3.0 TTG (MC)		U A
2834	COMP+CAN	1/4	6.0 TTG (MC)		U A	3506	COMPOSITE	5/32	4.0 TTG (MC)		U A
7926	COMP+CAN	5/16	8.0 TTG		U A	3507	COMPOSITE	3/16	5.0 TTG (MC)		U A
Cardinal IG ; Mountain Top, PA:						3508	COMPOSITE	1/4	6.0 TTG (MC)		U A
8655	COMP+CAN	1/8	3.0 TPG (m)		U A	Cardinal LG ; Statesboro, GA:					
3115	COMP+CAN	5/32	4.0 TPG (d)		U A	10036	COMP+CAN	1/8	3.0 TPG (s)		U A
3072	COMP+CAN	3/16	5.0 TPG (m)		U A	9916	COMP+CAN	5/32	4.0 TPG (s)		U A
3068	COMP+CAN	1/8	3.0 TTG (MC)		U A	9918	COMP+CAN	3/16	5.0 TPG (s)		U A
3069	COMP+CAN	5/32	4.0 TTG (MC)		U A	9919	COMP+CAN	1/4	6.0 TPG (s)		U A
3070	COMP+CAN	3/16	5.0 TTG (MC)		U A	9915	COMP+CAN	1/8	3.0 TTG (MC)		U A
3071	COMP+CAN	1/4	6.0 TTG (MC)		U A	10035	COMP+CAN	5/32	4.0 TTG (MC)		U A
9720	COMP+CAN	5/16	8.0 TTG		U A	2314	COMP+CAN	3/16	5.0 TTG (MC)		U A
Cardinal IG ; Ocala, FL:						2310	COMP+CAN	1/4	6.0 TTG (MC)		U A
8850	COMP+CAN	1/8	3.0 TPG (m)		U A	4720	COMP+CAN	5/16	8.0 TTG		U A
8851	COMP+CAN	3/16	5.0 TPG (m)		U A	2311	COMP+CAN	3/8	10.0 TTG		U A
8852	COMP+CAN	1/4	6.0 TPG (s)		U A	9920	COMP+CAN	1/2	12.0 TTG		U A
8846	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cardinal LG Northeast ; Jessup, PA:					
8847	COMP+CAN	5/32	4.0 TTG (MC)		U A	7496	COMP+CAN	1/8	3.0 TTG		U A
8848	COMP+CAN	3/16	5.0 TTG (MC)		U A	7497	COMP+CAN	5/32	4.0 TTG		U A
8849	COMP+CAN	1/4	6.0 TTG (MC)		U A	7498	COMP+CAN	3/16	5.0 TTG (MC)		U A
Cardinal IG ; Spring Green, WI:						7499	COMP+CAN	1/4	6.0 TTG		U A
1844	COMP+CAN	1/8	3.0 TPG (s)		U A	7500	COMP+CAN	5/16	8.0 TTG		U A
1845	COMP+CAN	5/32	4.0 TPG (m)		U A	7549	COMP+CAN	3/8	10.0 TTG		U A
5912	COMP+CAN	3/16	5.0 TPG (s)		U A	7550	COMP+CAN	1/2	12.0 TTG		U A
1831	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cardinal TG ; Chehalis, WA:					
5910	COMP+CAN	5/32	4.0 TTG (MC)		U A	3455	COMP+CAN	1/8	3.0 TTG		U A
5911	COMP+CAN	3/16	5.0 TTG (MC)		U A	3456	COMP+CAN	5/32	4.0 TTG		U A
1834	COMP+CAN	1/4	6.0 TTG (MC)		U A	3458	COMP+CAN	3/16	5.0 TTG		U A
Cardinal IG ; Tomah, WI:						3459	COMP+CAN	1/4	6.0 TTG		U A
2321	COMP+CAN	1/8	3.0 TPG (m)		U A	Carey Glass UC ; Nenagh, Co. Tipperary:					
2322	COMP+CAN	5/32	4.0 TPG (d)		U A	5998	COMP+CAN	1/4	6.0 TTG (MC)		U A
2323	COMP+CAN	3/16	5.0 TPG (d)		U A	5999	COMP+CAN	5/16	8.0 TTG (MC)		U A
2317	COMP+CAN	1/8	3.0 TTG (MC)		U A	6000	COMP+CAN	3/8	10.0 TTG (MC)		U A
2318	COMP+CAN	5/32	4.0 TTG (MC)		U A	Cat-I Manufacturing, Inc. ; South Elgin, IL:					
2319	COMP+CAN	3/16	5.0 TTG (MC)		U A	8076	COMP+CAN	1/8	3.0 TTG	24x36	A
2320	COMP+CAN	1/4	6.0 TTG (MC)		U A	5755	COMP+CAN	5/32	4.0 TTG	24x36	A
6069	COMP+CAN	5/16	8.0 TTG (MC)		U A	9767	COMP+CAN	3/16	5.0 TTG (MC)		U A
Cardinal IG ; Vinton, VA:						9768	COMP+CAN	1/4	6.0 TTG (MC)		U A
2923	COMP+CAN	1/8	3.0 TPG (s)		U A						
2924	COMP+CAN	5/32	4.0 TPG (d)		U A						
3619	COMP+CAN	3/16	5.0 TPG (s)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Central Florida Glass & Mirror, Inc ; Sebring, FL:						Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing:					
8970	COMPOSITE	3/16	5.0 TTG (IN)		U A	6810	COMP+CAN	1/4	6.0 TTG		U A
IN						6811	COMP+CAN	5/16	8.0 TTG		U A
8971	COMPOSITE	1/4	6.0 TTG		U A	6812	COMP+CAN	3/8	10.0 TTG		U A
8972	COMPOSITE	3/8	10.0 TTG		U A	6813	COMP+CAN	*	12.0 TTG (3)		U A
8973	COMPOSITE	1/2	12.0 TTG (IN)		U A	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya:					
Central Valley Glass & Screen, Inc. ; Sacramento, CA:						8743	COMP+CAN	3/16	5.0 TTG		U A
9882	COMPOSITE	1/8	3.0 TPG (m)		U A	8744	COMP+CAN	1/4	6.0 TTG		U A
9883	COMPOSITE	5/32	4.0 TPG (d)		U A	8745	COMP+CAN	5/16	8.0 TTG		U A
9884	COMPOSITE	3/16	5.0 TPG (m)		U A	8746	COMP+CAN	3/8	10.0 TTG		U A
9885	COMPOSITE	1/4	6.0 TPG (m)		U A	8747	COMP+CAN	*	12.0 TTG (3)		U A
9886	COMPOSITE	3/8	10.0 TPG (s)		U A	Citywide Glass Services ; Taunton, MA:					
7551	COMPOSITE	1/8	3.0 TTG (MC)		U A	9242	COMPOSITE	1/8	3.0 TTG (MC)		U A
7552	COMPOSITE	5/32	4.0 TTG (MC)		U A	9215	COMPOSITE	3/16	5.0 TTG (MC)		U A
7553	COMPOSITE	3/16	5.0 TTG (MC)		U A	9216	COMPOSITE	1/4	6.0 TTG (MC)		U A
7554	COMPOSITE	1/4	6.0 TTG (MC)		U A	9217	COMPOSITE	3/8	10.0 TTG		U A
7555	COMPOSITE	3/8	10.0 TTG		U A	9218	COMPOSITE	1/2	12.0 TTG		U A
7556	COMPOSITE	1/2	12.0 TTG		U A	Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province:					
CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC:						9075	COMPOSITE	1/4	6.0 TTG		U A
7809	COMP+CAN	1/8	3.0 TTG (MC)		U A	9076	COMPOSITE	3/8	10.0 TTG		U A
7239	COMP+CAN	3/16	5.0 TTG		U A	9077	COMPOSITE	*	12.0 TTG (3)		U A
7240	COMP+CAN	1/4	6.0 TTG (MC)		U A	Cleer Vision Tempered Glass ; Elkhart, IN:					
7243	COMP+CAN	3/8	10.0 TTG		U A	8654	COMP+CAN	1/8	3.0 TPG (s)		U A
7241	COMP+CAN	1/2	12.0 TTG		U A	4546	COMP+CAN	1/8	3.0 TTG (MC)		U A
Changshu Fardglass Co. Ltd. ; Changshu, Jiangsu:						8652	COMP+CAN	5/32	4.0 TTG		U A
6684	COMP+CAN	1/8	3.0 TTG (MC)		U A	8653	COMP+CAN	3/16	5.0 TTG		U A
Changshu Mingyang Glass Products Co., Ltd. ; Changshu, Jiangsu:						7630	COMP+CAN	1/4	6.0 TTG		U A
9288	COMP+CAN	1/4	6.0 TBG		U A	Clinton Glass Company (Middlebrook Pike) ; Knoxville, TN:					
8553	COMP+CAN	1/8	3.0 TTG		U A	7543	COMPOSITE	1/4	6.0 TTG		U A
8853	COMP+CAN	5/32	4.0 TTG		U A	7831	COMPOSITE	5/16	8.0 TTG		U A
10238	COMP+CAN	3/16	5.0 TTG		U A	7544	COMPOSITE	3/8	10.0 TTG		U A
8766	COMP+CAN	1/4	6.0 TTG		U A	7545	COMPOSITE	1/2	12.0 TTG		U A
8767	COMP+CAN	5/16	8.0 TTG		U A	Commercial Insulating Glass Co. ; Cumberland City, TN:					
8854	COMP+CAN	3/8	10.0 TTG		U A	3806	COMPOSITE	1/8	3.0 TTG (MC)		U A
Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu:						3807	COMPOSITE	3/16	5.0 TTG (MC)		U A
5351	COMPOSITE	1/8	3.0 TTG (MC)		U A	3808	COMPOSITE	1/4	6.0 TTG (MC)		U A
5352	COMPOSITE	5/32	4.0 TTG		U A	Compagnie de Portes Energetique EDC (Energy Door Company) ; L'Assomption, Quebec:					
5353	COMPOSITE	3/16	5.0 TTG		U A	7192	COMP+CAN	5/32	4.0 TTG (MC)		U A
5354	COMPOSITE	1/4	6.0 TTG		U A	Complete Line Glass Wholesalers, Inc. ; San Antonio, TX:					
Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu:						7570	COMPOSITE	3/16	5.0 TPG (m)		U A
4657	COMP+CAN	1/8	3.0 TTG		U A	7572	COMPOSITE	3/8	10.0 TPG (s)		U A
5151	COMP+CAN	5/16	8.0 TTG		U A	7565	COMPOSITE	1/8	3.0 TTG (MC)		U A
5152	COMP+CAN	3/8	10.0 TTG		U A	7566	COMPOSITE	5/32	4.0 TTG		U A
Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu:						7567	COMPOSITE	3/16	5.0 TTG (MC)		U A
2432	COMP+CAN	1/8	3.0 TTG (MC)		U A	7568	COMPOSITE	1/4	6.0 TTG (MC)		U A
6191	COMP+CAN	5/32	4.0 TTG (MC)		U A	7569	COMPOSITE	3/8	10.0 TTG		U A
6475	COMP+CAN	3/16	5.0 TTG (MC)		U A	Consolidated Glass Corp. ; New Castle, PA:					
6499	COMP+CAN	1/4	6.0 TTG		U A	2355	COMPOSITE	5/32	4.0 TPG (m)		U A
6500	COMP+CAN	5/16	8.0 TTG		U A	2354	COMPOSITE	3/16	5.0 TPG (m)		U A
Changshu Zhouxing Craft Glass Factory ; Changshu, Jiangsu:						4714	COMPOSITE	1/4	6.0 TPG (m)		U A
4936	COMP+CAN	1/8	3.0 TTG		U A	4785	COMPOSITE	3/8	10.0 TPG (s)		U A
Chaohu Weiye Glass Co., Ltd. ; Chaohu, Anhui:						1998	COMPOSITE	1/8	3.0 TTG		U A
10098	COMP+CAN	1/8	3.0 TTG (MC)		U A	1999	COMPOSITE	5/32	4.0 TTG		U A
Chicago Tempered Glass, Inc. ; Chicago, IL:						2005	COMPOSITE	3/16	5.0 TTG		U A
3086	COMPOSITE	5/32	4.0 TTG		U A	2002	COMPOSITE	1/4	6.0 TTG		U A
3087	COMPOSITE	3/16	5.0 TTG (MC)		U A	3635	COMPOSITE	5/16	8.0 TTG		U A
3088	COMPOSITE	1/4	6.0 TTG (MC)		U A	2003	COMPOSITE	3/8	10.0 TTG		U A
3089	COMPOSITE	3/8	10.0 TTG		U A	2004	COMPOSITE	1/2	12.0 TTG		U A
3090	COMPOSITE	1/2	12.0 TTG		U A	Contour Industries, Inc. ; Surgoinville, TN:					
						4703	COMP+CAN	1/8	3.0 TPG (s)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
4704	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A	Dallas Flat Glass ; Carrollton, TX:					
IN						4790	COMPOSITE	1/8	3.0 TTG (MC)		U A
4705	COMP+CAN	3/16	5.0 TPG (s)		U A	4763	COMPOSITE	3/16	5.0 TTG (MC)		U A
1680	COMP+CAN	1/8	3.0 TTG (MC)		U A	3701	COMPOSITE	1/4	6.0 TTG (MC)		U A
4285	COMP+CAN	5/32	4.0 TTG		U A	4566	COMPOSITE	3/8	10.0 TTG		U A
1678	COMP+CAN	3/16	5.0 TTG		U A	4567	COMPOSITE	1/2	12.0 TTG		U A
1677	COMP+CAN	1/4	6.0 TTG		U A	8174	COMPOSITE	3/4	19.0 TTG		U A
4701	COMP+CAN	5/16	8.0 TTG		U A	Denver Glass Interiors, Inc. ; Englewood, CO:					
4702	COMP+CAN	3/8	10.0 TTG		U A	9222	COMPOSITE	3/16	5.0 TPG (m)		U A
Contractors Wardrobe ; Valencia, CA:						4507	COMPOSITE	1/4	6.0 TPG (m)		U A
3473	COMP+CAN	1/8	3.0 TPG (m)		U A	4508	COMPOSITE	3/8	10.0 TPG (s)		U A
3474	COMP+CAN	5/32	4.0 TPG (d)		U A	3865	COMPOSITE	3/16	5.0 TTG		U A
3475	COMP+CAN	3/16	5.0 TPG (m)		U A	3866	COMPOSITE	1/4	6.0 TTG		U A
3476	COMP+CAN	1/4	6.0 TPG (m)		U A	3867	COMPOSITE	3/8	10.0 TTG		U A
3477	COMP+CAN	3/8	10.0 TPG (s)		U A	3868	COMPOSITE	1/2	12.0 TTG		U A
3464	COMP+CAN	1/8	3.0 TTG		U A	Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang:					
3465	COMP+CAN	5/32	4.0 TTG		U A	4055	COMPOSITE	1/8	3.0 TTG		U A
3466	COMP+CAN	3/16	5.0 TTG		U A	4057	COMPOSITE	3/16	5.0 TTG		U A
3467	COMP+CAN	1/4	6.0 TTG		U A	Deyao Glass Products (Zhongshan) Co., LTD ; Zhongshan City, Guangdong Province:					
3468	COMP+CAN	5/16	8.0 TTG		U A	10186	COMP+CAN	1/4	6.0 TBG		U A
3469	COMP+CAN	3/8	10.0 TTG		U A	10187	COMP+CAN	5/16	8.0 TBG		U A
3470	COMP+CAN	1/2	12.0 TTG		U A	10183	COMP+CAN	1/4	6.0 TTG		U A
3472	COMP+CAN	3/4	19.0 TTG		U A	10184	COMP+CAN	5/16	8.0 TTG		U A
Control Glass, A&S, S.L. ; Teruel, Spain:						10185	COMP+CAN	3/8	10.0 TTG		U A
7791	COMP+CAN	5/32	4.0 TTG		U A	Diamond Glass ; Dublin, Ireland:					
7792	COMP+CAN	1/4	6.0 TTG		U A	8302	COMP+CAN	5/16	8.0 TTG		U A
7793	COMP+CAN	3/8	10.0 TTG		U A	8303	COMP+CAN	3/8	10.0 TTG		U A
7988	COMP+CAN	*	12.0 TTG (4)		U A	8304	COMP+CAN	*	12.0 TTG (3)		U A
Coral Industries Glass Division ; Tuscaloosa, AL:						Dillmeier Enterprise, Inc. ; Van Buren, AR:					
1964	COMPOSITE	3/16	5.0 TPG (m)(IN)		U A	4838	COMPOSITE	1/8	3.0 TTG		U A
IN						3912	COMPOSITE	3/16	5.0 TTG		U A
2944	COMPOSITE	1/4	6.0 TPG (d)		U A	3913	COMPOSITE	1/4	6.0 TTG		U A
2945	COMPOSITE	3/8	10.0 TPG (d)		U A	4839	COMPOSITE	5/16	8.0 TTG		U A
1910	COMPOSITE	3/16	5.0 TTG		U A	3914	COMPOSITE	3/8	10.0 TTG		U A
1911	COMPOSITE	1/4	6.0 TTG		U A	3915	COMPOSITE	1/2	12.0 TTG		U A
2144	COMPOSITE	3/8	10.0 TTG		U A	3916	COMPOSITE	5/8	16.0 TTG		U A
2145	COMPOSITE	1/2	12.0 TTG		U A	3917	COMPOSITE	3/4	19.0 TTG		U A
Crystal Glass International SDN BHD ; Shah Alam, Selangor:						Dolphin Glass Specialists, LLC ; Miami Gardens, FL:					
9757	COMPOSITE	5/32	4.0 TTG		U A	7840	COMPOSITE	1/4	6.0 TTG		U A
9758	COMPOSITE	3/16	5.0 TTG		U A	Dongguan City Kunxing Glass Co., Ltd. ; Dongguan, Guangdong Province:					
9759	COMPOSITE	1/4	6.0 TTG		U A	9987	COMP+CAN	1/4	6.0 TTG		U A
9760	COMPOSITE	5/16	8.0 TTG		U A	9988	COMP+CAN	3/8	10.0 TTG		U A
9761	COMPOSITE	3/8	10.0 TTG		U A	9989	COMP+CAN	1/2	12.0 TTG		U A
9762	COMPOSITE	*	12.0 TTG (3)		U A	Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province:					
Crystal Tempering, Inc. ; Debary, FL:						3932	COMP+CAN	5/32	4.0 TTG		U A
6214	COMPOSITE	3/16	5.0 TPG (m)		U A	3933	COMP+CAN	3/16	5.0 TTG		U A
6215	COMPOSITE	1/4	6.0 TPG (s)		U A	3934	COMP+CAN	1/4	6.0 TTG		U A
6216	COMPOSITE	3/8	10.0 TPG (s)		U A	3935	COMP+CAN	5/16	8.0 TTG		U A
6209	COMPOSITE	3/16	5.0 TTG		U A	3936	COMP+CAN	3/8	10.0 TTG		U A
6210	COMPOSITE	1/4	6.0 TTG		U A	3937	COMP+CAN	*	12.0 TTG (3)		U A
6211	COMPOSITE	3/8	10.0 TTG		U A	3938	COMP+CAN	*	15.0 TTG (3)		U A
6212	COMPOSITE	1/2	12.0 TTG		U A	3939	COMP+CAN	3/4	19.0 TTG		U A
Custom Glass Products Inc. ; Weston, WI:						Dost Cam Sanayi ve Ticaret A.S. ; Cigli, Izmir:					
4002	COMPOSITE	1/4	6.0 TTG (MC)		U A	8976	COMPOSITE	5/32	4.0 TTG		U A
6671	COMPOSITE	1/2	12.0 TTG		U A	8977	COMPOSITE	3/16	5.0 TTG		U A
D3 Glass, LLC ; Fort Myers, FL:						8978	COMPOSITE	1/4	6.0 TTG		U A
7626	COMPOSITE	3/8	10.0 TPG (s)		U A	8962	COMPOSITE	5/16	8.0 TTG		U A
7627	COMPOSITE	1/4	6.0 TTG		U A	8963	COMPOSITE	3/8	10.0 TTG		U A
7628	COMPOSITE	3/8	10.0 TTG		U A	Double Seal Insulating Glass Ltd. ; Toronto, Ontario:					
7629	COMPOSITE	1/2	12.0 TTG		U A	8307	COMP+CAN	1/8	3.0 TTG (MC)		U A
Dalian Huaying Glass Limited Liability Co. ; Dalian, Liaoning:						8308	COMP+CAN	5/32	4.0 TTG (MC)		U A
5260	COMP+CAN	1/8	3.0 TTG		U A						
6639	COMP+CAN	5/32	4.0 TTG		U A						
5261	COMP+CAN	3/16	5.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
8309	COMP+CAN	3/16	5.0 TTG (MC)		U A	9938	COMP+CAN	3/8	10.0 TTG		U A
8310	COMP+CAN	1/4	6.0 TTG (MC)		U A	9939	COMP+CAN	1/2	12.0 TTG		U A
Downey Glass ; Pompano Beach, FL:						Engineered Glass Products, L.L.C. ; Chicago, IL:					
2661	COMPOSITE	3/16	5.0 TTG		U A	4388	COMPOSITE	1/8	3.0 TTG (MC)	26x72	A
2662	COMPOSITE	1/4	6.0 TTG (MC)		U A	2589	COMPOSITE	5/32	4.0 TTG (MC)	26x72	A
2663	COMPOSITE	3/8	10.0 TTG		U A	8185	COMPOSITE	3/16	5.0 TTG (MC)	26x72	A
2664	COMPOSITE	1/2	12.0 TTG		U A	Epta S.P.A. ; Limana, Belluno:					
Drutex S.A. ; Bytow, Poland:						10008	COMP+CAN	5/32	4.0 TTG		U A
10166	COMPOSITE	5/32	4.0 TTG		U A	EQ Windows and Doors LLC ; Royston, GA:					
10167	COMPOSITE	1/4	6.0 TTG		U A	10195	COMP+CAN	5/32	4.0 TTG		U A
10168	COMPOSITE	5/16	8.0 TTG		U A	10196	COMP+CAN	1/4	6.0 TTG		U A
10169	COMPOSITE	3/8	10.0 TTG		U A	10197	COMP+CAN	1/2	12.0 TTG		U A
Dulles Glass ; Manassas, VA:						10198	COMP+CAN	3/4	19.0 TTG		U A
5123	COMPOSITE	3/8	10.0 TPG (s)		U A	Erdem Dis Ticaret A.S. ; Pendik, Istanbul:					
4918	COMPOSITE	3/16	5.0 TTG		U A	7609	COMP+CAN	1/4	6.0 TTG		U A
4061	COMPOSITE	1/4	6.0 TTG		U A	7610	COMP+CAN	5/16	8.0 TTG		U A
4062	COMPOSITE	3/8	10.0 TTG		U A	7611	COMP+CAN	3/8	10.0 TTG		U A
4063	COMPOSITE	1/2	12.0 TTG		U A	Etalum ; Bucaramanga, Santander:					
Echols Glass and Mirror, Inc. ; Buford, GA:						9797	COMP+CAN	3/8	10.0 TTG		U A
6318	COMPOSITE	3/16	5.0 TPG (m)		U A	9798	COMP+CAN	1/2	12.0 TTG		U A
6319	COMPOSITE	3/8	10.0 TPG (s)		U A	Euroglas-De Landtsheer NV ; Bornem, Belgium:					
7712	COMPOSITE	1/8	3.0 TTG		U A	9933	COMPOSITE	5/16	8.0 TTG		U A
6314	COMPOSITE	3/16	5.0 TTG		U A	9932	COMPOSITE	3/8	10.0 TTG		U A
6315	COMPOSITE	1/4	6.0 TTG		U A	Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia:					
6316	COMPOSITE	3/8	10.0 TTG		U A	8157	COMPOSITE	1/4	6.0 TTG (MC)		U A
6317	COMPOSITE	1/2	12.0 TTG		U A	8158	COMPOSITE	3/8	10.0 TTG		U A
ECO Glass Production ; Medley, FL:						8159	COMPOSITE	1/2	12.0 TTG		U A
8367	COMP+CAN	1/8	3.0 TTG		U A	Fairis C.A. ; Ambato, Tungurahua:					
8369	COMP+CAN	3/16	5.0 TTG		U A	4425	COMPOSITE	5/32	4.0 TTG (MC)		U A
8370	COMP+CAN	1/4	6.0 TTG		U A	4426	COMPOSITE	3/16	5.0 TTG		U A
Edge Tempering ; Hialeah, FL:						4427	COMPOSITE	1/4	6.0 TTG (MC)		U A
7280	COMPOSITE	3/16	5.0 TTG		U A	4428	COMPOSITE	5/16	8.0 TTG		U A
6297	COMPOSITE	1/4	6.0 TTG		U A	4429	COMPOSITE	3/8	10.0 TTG		U A
6298	COMPOSITE	3/8	10.0 TTG		U A	10140	COMPOSITE	1/2	12.0 TTG		U A
6299	COMPOSITE	1/2	12.0 TTG		U A	10141	COMPOSITE	5/8	16.0 TTG		U A
EFCO Corporation ; Monett, MO:						10142	COMPOSITE	3/4	19.0 TTG		U A
2143	COMPOSITE	3/16	5.0 TPG (s)		U A	FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra:					
4121	COMPOSITE	1/8	3.0 TTG		U A	8417	COMP+CAN	5/32	4.0 TTG		U A
1901	COMPOSITE	3/16	5.0 TTG		U A	8418	COMP+CAN	1/4	6.0 TTG		U A
1902	COMPOSITE	1/4	6.0 TTG (MC)		U A	8419	COMP+CAN	5/16	8.0 TTG		U A
4154	COMPOSITE	5/16	8.0 TTG		U A	8420	COMP+CAN	3/8	10.0 TTG		U A
8233	COMPOSITE	3/8	10.0 TTG		U A	8421	COMP+CAN	1/2	12.0 TTG		U A
Eko-Okna S.A. ; Kornice, Poland:						Flat Glass Distributors ; Jacksonville, FL:					
9117	COMP+CAN	5/32	4.0 TTG (MC)		U A	3828	COMPOSITE	1/8	3.0 TPG (m)		U A
9118	COMP+CAN	1/4	6.0 TTG (MC)		U A	3830	COMPOSITE	3/16	5.0 TPG (m)		U A
9119	COMP+CAN	5/16	8.0 TTG (MC)		U A	3831	COMPOSITE	1/4	6.0 TPG (s)		U A
9120	COMP+CAN	3/8	10.0 TTG (MC)		U A	4638	COMPOSITE	3/8	10.0 TPG (s)		U A
Element Designs ; Fort Mills, SC:						3822	COMPOSITE	1/8	3.0 TTG (MC)		U A
10124	COMP+CAN	5/32	4.0 TPG (d)		U A	3823	COMPOSITE	3/16	5.0 TTG (MC)		U A
10120	COMP+CAN	5/32	4.0 TTG		U A	3824	COMPOSITE	1/4	6.0 TTG (MC)		U A
10121	COMP+CAN	1/4	6.0 TTG		U A	3825	COMPOSITE	3/8	10.0 TTG		U A
10122	COMP+CAN	3/8	10.0 TTG		U A	3826	COMPOSITE	1/2	12.0 TTG		U A
10123	COMP+CAN	*	12.0 TTG (3)		U A	Foshan Douglas Glass Technology Co., LTD. ; Foshan, Guangdong Province:					
Elevate Windows and Doors LLC. ; Grand Prairie, TX:						8695	COMP+CAN	1/4	6.0 TTG		U A
10106	COMPOSITE	1/8	3.0 TPG (s)		U A	8696	COMP+CAN	5/16	8.0 TTG		U A
10103	COMPOSITE	1/8	3.0 TTG (MC)		U A	8697	COMP+CAN	3/8	10.0 TTG		U A
10104	COMPOSITE	5/32	4.0 TTG (MC)		U A	Foshan Gaoming Yaqi Toughened Glass ; Foshan, Guangdong Province:					
10105	COMPOSITE	3/16	5.0 TTG (MC)		U A	6123	COMP+CAN	1/4	6.0 TBG		U A
Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California:						6124	COMP+CAN	5/16	8.0 TBG		U A
9906	COMP+CAN	3/16	5.0 TTG		U A	9838	COMP+CAN	5/32	4.0 TPG (s)		U A
9936	COMP+CAN	1/4	6.0 TTG (MC)		U A	9839	COMP+CAN	3/16	5.0 TPG (d)		U A
9937	COMP+CAN	5/16	8.0 TTG (MC)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
9840	COMP+CAN	1/4	6.0 TPG (s)		U A	8023	COMPOSITE	5/32	4.0 TTG		U A
7717	COMP+CAN	5/16	8.0 TPG (d)		U A	8024	COMPOSITE	3/16	5.0 TTG		U A
8627	COMP+CAN	3/16	5.0 TTG		U A	8025	COMPOSITE	1/4	6.0 TTG		U A
6119	COMP+CAN	1/4	6.0 TTG		U A	8026	COMPOSITE	5/16	8.0 TTG		U A
6120	COMP+CAN	5/16	8.0 TTG		U A	8618	COMPOSITE	3/8	10.0 TTG		U A
6121	COMP+CAN	3/8	10.0 TTG		U A	Fujian Tiger Glass Co., Ltd. ; Xiamen, Fujian:					
6122	COMP+CAN	1/2	12.0 TTG		U A	8360	COMP+CAN	3/16	5.0 TPG (s)		U A
Foshan Jinsheng Glass Products Co., Ltd. ; Foshan, Guangdong:						8361	COMP+CAN	1/4	6.0 TPG (m)		U A
10099	COMPOSITE	3/16	5.0 TTG		U A	8366	COMP+CAN	1/8	3.0 TTG		U A
10100	COMPOSITE	1/4	6.0 TTG		U A	7784	COMP+CAN	5/32	4.0 TTG		U A
10101	COMPOSITE	5/16	8.0 TTG		U A	7785	COMP+CAN	3/16	5.0 TTG		U A
Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong Province:						7786	COMP+CAN	1/4	6.0 TTG		U A
8260	COMPOSITE	3/16	5.0 TTG		U A	7787	COMP+CAN	5/16	8.0 TTG		U A
8261	COMPOSITE	1/4	6.0 TTG		U A	7788	COMP+CAN	3/8	10.0 TTG		U A
8262	COMPOSITE	5/16	8.0 TTG		U A	7789	COMP+CAN	1/2	12.0 TTG		U A
8263	COMPOSITE	3/8	10.0 TTG		U A	Futureguard Building Products ; Auburn, ME:					
Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province:						8663	COMP+CAN	5/32	4.0 TTG (MC)		U A
8321	COMP+CAN	1/4	6.0 TTG		U A	Fuzhou Autran Industrial Co., Ltd. ; Fuzhou, Fujian:					
8322	COMP+CAN	5/16	8.0 TTG		U A	9990	COMP+CAN	1/4	6.0 TTG		U A
8323	COMP+CAN	3/8	10.0 TTG		U A	9929	COMP+CAN	3/8	10.0 TTG		U A
9931	COMP+CAN	*	12.0 TTG (3)		U A	9930	COMP+CAN	*	12.0 TTG (4)		U A
Foshan Xinxingye Glass Co., Ltd. ; Foshan, Guangdong Province:						G.E. Silliker & Sons Ltd. ; Borden-Carleton, Prince Edward Island:					
10219	COMP+CAN	1/4	6.0 TTG		U A	8224	COMP+CAN	1/8	3.0 TTG (MC)		U A
10220	COMP+CAN	5/16	8.0 TTG		U A	8225	COMP+CAN	5/32	4.0 TTG (MC)		U A
10221	COMP+CAN	3/8	10.0 TTG		U A	8226	COMP+CAN	3/16	5.0 TTG (MC)		U A
10222	COMP+CAN	1/2	12.0 TTG		U A	8227	COMP+CAN	1/4	6.0 TTG (MC)		U A
Foshan Yaoming Glass Co., Ltd. ; Foshan, Guangdong Province:						9765	COMP+CAN	1/4	6.0 TTG		U A
10268	COMP+CAN	1/4	6.0 TTG		U A	8228	COMP+CAN	5/16	8.0 TTG (MC)		U A
10269	COMP+CAN	5/16	8.0 TTG		U A	8229	COMP+CAN	3/8	10.0 TTG		U A
10270	COMP+CAN	3/8	10.0 TTG		U A	8230	COMP+CAN	1/2	12.0 TTG		U A
Foshan Yijiacheng Technology Co., Ltd. ; Foshan, Guangdong Province:						10102	COMP+CAN	*	15.0 TTG (4)		U A
10110	COMP+CAN	3/16	5.0 TTG		U A	8231	COMP+CAN	5/8	16.0 TTG (IN)		U A
10111	COMP+CAN	1/4	6.0 TTG		U A	IN					
10112	COMP+CAN	5/16	8.0 TTG		U A	8232	COMP+CAN	3/4	19.0 TTG		U A
10113	COMP+CAN	3/8	10.0 TTG		U A	Gardner Glass Products Inc. ; North Wilkesboro, NC:					
Fountain Glass Inc. ; Lenexa, KS:						9849	COMP+CAN	3/16	5.0 TTG		U A
7102	COMPOSITE	3/16	5.0 TPG (m)		U A	9850	COMP+CAN	1/4	6.0 TTG		U A
7100	COMPOSITE	1/4	6.0 TPG (s)		U A	9851	COMP+CAN	3/8	10.0 TTG		U A
7103	COMPOSITE	3/8	10.0 TPG (s)		U A	9852	COMP+CAN	1/2	12.0 TTG		U A
7105	COMPOSITE	3/16	5.0 TTG		U A	Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia:					
7101	COMPOSITE	1/4	6.0 TTG		U A	5124	COMP+CAN	3/16	5.0 TTG (MC)		U A
7106	COMPOSITE	3/8	10.0 TTG		U A	4419	COMP+CAN	1/4	6.0 TTG (MC)		U A
7104	COMPOSITE	1/2	12.0 TTG		U A	5219	COMP+CAN	5/16	8.0 TTG (MC)		U A
Fujian Chengda Glass Co., Ltd ; Zhangzhou, Fujian:						4420	COMP+CAN	3/8	10.0 TTG (MC)		U A
7182	COMPOSITE	1/8	3.0 TTG (IN)		U A	4421	COMP+CAN	1/2	12.0 TTG		U A
IN						9203	COMP+CAN	5/8	16.0 TTG		U A
7183	COMPOSITE	5/32	4.0 TTG (IN)		U A	4422	COMP+CAN	3/4	19.0 TTG		U A
IN						Gemtron Canada Corporation ; Midland, Ontario:					
7874	COMPOSITE	3/16	5.0 TTG		U A	3067	COMP+CAN	1/8	3.0 TTG (MC)		U A
7185	COMPOSITE	1/4	6.0 TTG		U A	3659	COMP+CAN	5/32	4.0 TTG (MC)		U A
7186	COMPOSITE	5/16	8.0 TTG		U A	3636	COMP+CAN	3/16	5.0 TTG (MC)		U A
7187	COMPOSITE	3/8	10.0 TTG		U A	3637	COMP+CAN	1/4	6.0 TTG (MC)		U A
7188	COMPOSITE	1/2	12.0 TTG		U A	6020	COMP+CAN	5/16	8.0 TTG		U A
Fujian Dengzhen Industrial Co., Ltd ; Zhangzhou, Fujian:						6021	COMP+CAN	3/8	10.0 TTG		U A
9993	COMP+CAN	3/16	5.0 TTG		U A	Gemtron Corporation ; Sweetwater, TN:					
Fujian Domoo Sanitary Ware Technology Co., Ltd. ; Quanzhou, Fujian:						1422	COMP+CAN	1/8	3.0 TPG (s)		U A
8030	COMPOSITE	3/16	5.0 TBG		U A	1424	COMP+CAN	5/32	4.0 TPG (s)		U A
8031	COMPOSITE	1/4	6.0 TBG		U A	1334	COMP+CAN	1/8	3.0 TTG (MC)		U A
8032	COMPOSITE	5/16	8.0 TBG		U A	1332	COMP+CAN	5/32	4.0 TTG (MC)		U A
8617	COMPOSITE	1/4	6.0 TPG (s)		U A	1201	COMP+CAN	3/16	5.0 TTG (MC)		U A
8938	COMPOSITE	1/4	6.0 TPG (IN)(d)		U A	1477	COMP+CAN	1/4	6.0 TTG		U A
IN						General Glass ; Vancouver, WA:					
						5750	COMPOSITE	1/8	3.0 TPG (s)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
7478 IN	COMPOSITE	3/16	5.0 TPG (m)(IN)		U A	9062	COMP+CAN	3/8	10.0 TTG (MC)		U A
4031	COMPOSITE	1/8	3.0 TTG (MC)		U A	Glassfab Canada ; Aldergrove, British Columbia:					
4032	COMPOSITE	5/32	4.0 TTG (MC)		U A	8640	COMP+CAN	1/8	3.0 TPG (s)		U A
4033	COMPOSITE	3/16	5.0 TTG (MC)		U A	8636	COMP+CAN	1/8	3.0 TTG		U A
4034	COMPOSITE	1/4	6.0 TTG (MC)		U A	8637	COMP+CAN	5/32	4.0 TTG		U A
8806	COMPOSITE	3/8	10.0 TTG		U A	8638	COMP+CAN	3/16	5.0 TTG		U A
5751	COMPOSITE	1/2	12.0 TTG		U A	8622	COMP+CAN	1/4	6.0 TTG		U A
GGI Glass Distributors Corp. ; Secaucus, NJ:						8623	COMP+CAN	3/8	10.0 TTG (IN)		U A
3971	COMPOSITE	3/16	5.0 TPG (m)		U A	GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA:					
3972	COMPOSITE	1/4	6.0 TPG (m)		U A	6118	COMPOSITE	1/8	3.0 TTG (MC)		U A
3973	COMPOSITE	3/8	10.0 TPG (s)		U A	5986	COMPOSITE	3/16	5.0 TTG (MC)		U A
2226	COMPOSITE	3/16	5.0 TTG		U A	7024	COMPOSITE	1/4	6.0 TTG (MC)		U A
2227	COMPOSITE	1/4	6.0 TTG		U A	5988	COMPOSITE	3/8	10.0 TTG (MC)		U A
4248	COMPOSITE	5/16	8.0 TTG		U A	5989	COMPOSITE	1/2	12.0 TTG		U A
2282	COMPOSITE	3/8	10.0 TTG		U A	5990	COMPOSITE	3/4	19.0 TTG		U A
2228	COMPOSITE	1/2	12.0 TTG		U A	Glasstech Industries B.S.C. ; Hidd, Manama:					
3857	COMPOSITE	5/8	16.0 TTG		U A	7298	COMPOSITE	5/32	4.0 TTG		U A
3858	COMPOSITE	3/4	19.0 TTG		U A	7299	COMPOSITE	1/4	6.0 TTG		U A
Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County:						7300	COMPOSITE	5/16	8.0 TTG (MC)		U A
7868	COMP+CAN	3/16	5.0 TTG		U A	Glasstem S.A. de C.V. ; Tamaulipas, Mexico:					
GLASPRO ; Santa Fe Springs, CA:						10095	COMPOSITE	5/32	4.0 TTG		U A
6047	COMP+CAN	1/4	6.0 TTG (MC)		U A	10096	COMPOSITE	1/4	6.0 TTG (MC)		U A
6048	COMP+CAN	1/2	12.0 TTG		U A	10097	COMPOSITE	3/8	10.0 TTG		U A
Glass and Mirror Craft ; Wixom, MI:						GlassTemp, Inc. ; Bellwood, IL:					
5116	COMP+CAN	5/32	4.0 TTG		U A	8320	COMPOSITE	1/8	3.0 TTG (MC)		U A
4199	COMP+CAN	3/16	5.0 TTG (MC)		U A	8151	COMPOSITE	3/16	5.0 TTG (MC)		U A
4200	COMP+CAN	1/4	6.0 TTG (MC)		U A	7695	COMPOSITE	1/4	6.0 TTG (MC)		U A
5598	COMP+CAN	3/8	10.0 TTG		U A	7696	COMPOSITE	3/8	10.0 TTG		U A
4202	COMP+CAN	1/2	12.0 TTG		U A	7697	COMPOSITE	1/2	12.0 TTG		U A
4203	COMP+CAN	5/8	16.0 TTG		U A	Glasswerks GWA- West ; South Gate CA:					
4204	COMP+CAN	3/4	19.0 TTG		U A	5480	COMPOSITE	5/32	4.0 TTG		U A
Glass Enterprise Northeast ; Norwich, CT:						5481	COMPOSITE	3/16	5.0 TTG (MC)		U A
9425	COMP+CAN	1/4	6.0 TTG (MC)		U A	5482	COMPOSITE	1/4	6.0 TTG (MC)		U A
9426	COMP+CAN	5/16	8.0 TTG (MC)		U A	Glasswerks GWLA- East ; South Gate, CA:					
9427	COMP+CAN	3/8	10.0 TTG (MC)		U A	4804	COMPOSITE	1/8	3.0 TTG (MC)		U A
Glass Enterprises, Inc. ; Bensalem, PA:						5882	COMPOSITE	5/32	4.0 TTG		U A
4628	COMPOSITE	3/16	5.0 TTG (MC)		U A	4805	COMPOSITE	3/16	5.0 TTG (MC)		U A
4629	COMPOSITE	1/4	6.0 TTG (MC)		U A	4806	COMPOSITE	1/4	6.0 TTG (MC)		U A
9221	COMPOSITE	5/16	8.0 TTG		U A	5883	COMPOSITE	3/8	10.0 TTG (MC)		U A
6597	COMPOSITE	3/8	10.0 TTG		U A	5884	COMPOSITE	1/2	12.0 TTG		U A
6598	COMPOSITE	1/2	12.0 TTG		U A	6921	COMPOSITE	5/8	16.0 TTG		U A
8540	COMPOSITE	5/8	16.0 TTG		U A	5885	COMPOSITE	3/4	19.0 TTG		U A
8541	COMPOSITE	3/4	19.0 TTG		U A	Glasswerks GWT ; Temecula, CA:					
Glass Group & Seal Inc ; Concord, Ontario:						6095	COMP+CAN	3/16	5.0 TTG (MC)		U A
9003	COMP+CAN	3/16	5.0 TPG (s)		U A	6096	COMP+CAN	1/4	6.0 TTG (MC)		U A
9001	COMP+CAN	3/16	5.0 TTG (MC)		U A	6097	COMP+CAN	3/8	10.0 TTG		U A
9002	COMP+CAN	1/4	6.0 TTG (MC)		U A	6098	COMP+CAN	1/2	12.0 TTG		U A
9842	COMP+CAN	3/8	10.0 TTG		U A	Glaz-Tech Industries, Inc. ; Albuquerque, NM:					
Glass Insulators Inc. ; Bloomer, WI:						8787	COMPOSITE	3/16	5.0 TPG (m)		U A
9200	COMP+CAN	1/8	3.0 TPG (m)		U A	8788	COMPOSITE	3/8	10.0 TPG (s)		U A
9007	COMP+CAN	1/8	3.0 TTG (MC)		U A	8782	COMPOSITE	1/8	3.0 TTG (MC)		U A
9008	COMP+CAN	5/32	4.0 TTG (MC)		U A	8783	COMPOSITE	3/16	5.0 TTG (MC)		U A
9009	COMP+CAN	3/16	5.0 TTG (MC)		U A	8784	COMPOSITE	1/4	6.0 TTG (MC)		U A
9010	COMP+CAN	1/4	6.0 TTG (MC)		U A	8785	COMPOSITE	3/8	10.0 TTG		U A
Glassbel Baltic ; Klaipeda, Lithuania:						8786	COMPOSITE	1/2	12.0 TTG		U A
6706	COMP+CAN	1/4	6.0 TTG (MC)		U A	Glaz-Tech Industries, Inc. ; Boise, ID:					
6707	COMP+CAN	5/16	8.0 TTG (MC)		U A	6713	COMPOSITE	3/16	5.0 TPG (m)		U A
6708	COMP+CAN	3/8	10.0 TTG (MC)		U A	6612	COMPOSITE	3/8	10.0 TPG (s)		U A
6709	COMP+CAN	1/2	12.0 TTG (MC)		U A	6607	COMPOSITE	1/8	3.0 TTG (MC)		U A
GlasseViracon ; Nazare Paulista, Sao Paulo:						6608	COMPOSITE	3/16	5.0 TTG (MC)		U A
9060	COMP+CAN	1/4	6.0 TTG (MC)		U A	6609	COMPOSITE	1/4	6.0 TTG (MC)		U A
9061	COMP+CAN	5/16	8.0 TTG (MC)		U A	6610	COMPOSITE	3/8	10.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
6611	COMPOSITE	1/2	12.0 TTG		U A	Guang Dong Kibing Energy Saving Glass Co., LTD ; Heyuan City, Guangdong Province:					
Glaz-Tech Industries, Inc. ; Englewood, CO:						9232	COMPOSITE	3/16	5.0 TTG		U A
2193	COMPOSITE	3/16	5.0 TPG (m)		U A	9233	COMPOSITE	1/4	6.0 TTG		U A
9726	COMP+CAN	1/8	3.0 TTG (MC)		U A	9234	COMPOSITE	5/16	8.0 TTG		U A
2186	COMPOSITE	3/16	5.0 TTG (MC)		U A	9235	COMPOSITE	3/8	10.0 TTG		U A
8505	COMP+CAN	1/4	6.0 TTG (MC)		U A	9236	COMPOSITE	*	12.0 TTG (3)		U A
5143	COMPOSITE	3/8	10.0 TTG		U A	9237	COMPOSITE	*	15.0 TTG (3)		U A
2189	COMPOSITE	1/2	12.0 TTG		U A	9238	COMPOSITE	3/4	19.0 TTG		U A
Glaz-Tech Industries, Inc. ; Phoenix, AZ:						Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province:					
8892	COMPOSITE	3/16	5.0 TPG (m)		U A	7363	COMPOSITE	1/4	6.0 TTG		U A
6588	COMPOSITE	3/8	10.0 TPG (s)		U A	7364	COMPOSITE	5/16	8.0 TTG		U A
6582	COMPOSITE	1/8	3.0 TTG (MC)		U A	7365	COMPOSITE	3/8	10.0 TTG		U A
6583	COMPOSITE	3/16	5.0 TTG (MC)		U A	7366	COMPOSITE	1/2	12.0 TTG		U A
6584	COMPOSITE	1/4	6.0 TTG (MC)		U A	7367	COMPOSITE	*	15.0 TTG (4)		U A
6585	COMPOSITE	3/8	10.0 TTG		U A	7368	COMPOSITE	3/4	19.0 TTG		U A
6586	COMPOSITE	1/2	12.0 TTG		U A	Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province:					
Glaz-Tech Industries, Inc. ; Santa Teresa, NM:						9679	COMP+CAN	3/16	5.0 TTG		U A
6604	COMPOSITE	1/8	3.0 TPG (s)		U A	8587	COMP+CAN	1/4	6.0 TTG		U A
6605	COMPOSITE	3/16	5.0 TPG (m)		U A	8588	COMP+CAN	5/16	8.0 TTG		U A
6606	COMPOSITE	3/8	10.0 TPG (s)		U A	Guangdong Rosery Bath Science and Technology Co.,Ltd. ; Jiangmen, Guangdong Province:					
6599	COMPOSITE	1/8	3.0 TTG (MC)		U A	8629	COMP+CAN	1/4	6.0 TBG		U A
6600	COMPOSITE	3/16	5.0 TTG (MC)		U A	8630	COMP+CAN	5/16	8.0 TBG		U A
6601	COMPOSITE	1/4	6.0 TTG (MC)		U A	8729	COMP+CAN	1/4	6.0 TPG (s)		U A
6602	COMPOSITE	3/8	10.0 TTG		U A	8730	COMP+CAN	5/16	8.0 TPG (s)		U A
6603	COMPOSITE	1/2	12.0 TTG		U A	8241	COMP+CAN	3/16	5.0 TTG		U A
Glaz-Tech Industries, Inc. ; Shreveport, LA:						8242	COMP+CAN	1/4	6.0 TTG		U A
7736	COMP+CAN	1/8	3.0 TTG		U A	8243	COMP+CAN	5/16	8.0 TTG		U A
7737	COMP+CAN	3/16	5.0 TTG		U A	8244	COMP+CAN	3/8	10.0 TTG		U A
7738	COMP+CAN	1/4	6.0 TTG		U A	Guangdong South Star Glass Limited ; Foshan, Guangdong Province:					
7739	COMP+CAN	3/8	10.0 TTG		U A	9962	COMPOSITE	1/8	3.0 TTG		U A
Glaz-Tech Industries, Inc. ; Tucson, AZ:						9963	COMPOSITE	5/32	4.0 TTG		U A
6579	COMPOSITE	1/8	3.0 TPG (s)		U A	9964	COMPOSITE	3/16	5.0 TTG		U A
6580	COMPOSITE	3/16	5.0 TPG (m)		U A	9965	COMPOSITE	1/4	6.0 TTG		U A
6581	COMPOSITE	3/8	10.0 TPG (s)		U A	7974	COMPOSITE	5/16	8.0 TTG		U A
6574	COMPOSITE	1/8	3.0 TTG (MC)		U A	7975	COMPOSITE	3/8	10.0 TTG		U A
6575	COMPOSITE	3/16	5.0 TTG (MC)		U A	7976	COMPOSITE	1/2	12.0 TTG		U A
6576	COMPOSITE	1/4	6.0 TTG (MC)		U A	7977	COMPOSITE	*	15.0 TTG (4)		U A
6577	COMPOSITE	3/8	10.0 TTG		U A	7978	COMPOSITE	3/4	19.0 TTG		U A
6578	COMPOSITE	1/2	12.0 TTG		U A	Guangdong Xeyoung Glass Technology Co., Ltd ; Huizhou, Guangdong Province:					
Glenny Glass Co. ; Milford, OH:						9205	COMPOSITE	1/4	6.0 TTG		U A
3841	COMPOSITE	1/8	3.0 TTG		U A	9206	COMPOSITE	5/16	8.0 TTG		U A
3843	COMPOSITE	3/16	5.0 TTG		U A	9207	COMPOSITE	3/8	10.0 TTG		U A
3844	COMPOSITE	1/4	6.0 TTG		U A	9208	COMPOSITE	1/2	12.0 TTG		U A
3845	COMPOSITE	3/8	10.0 TTG		U A	Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:					
3846	COMPOSITE	1/2	12.0 TTG		U A	8402	COMPOSITE	3/8	10.0 TPG (s)		U A
Global Security Glazing ; Selma, AL:						8397	COMPOSITE	3/16	5.0 TTG (MC)		U A
4764	COMP+CAN	1/8	3.0 TTG		U A	8398	COMPOSITE	1/4	6.0 TTG (MC)		U A
4765	COMP+CAN	3/16	5.0 TTG		U A	8399	COMPOSITE	3/8	10.0 TTG		U A
4766	COMP+CAN	1/4	6.0 TTG (MC)		U A	8400	COMPOSITE	1/2	12.0 TTG		U A
4767	COMP+CAN	3/8	10.0 TTG		U A	Guardian Fabrication, LLC ; Galax, VA:					
4768	COMP+CAN	1/2	12.0 TTG		U A	4612	COMP+CAN	1/8	3.0 TPG (s)		U A
GnT Glass Co., Ltd. ; Dongguan, Guangdong Province:						8012	COMP+CAN	5/32	4.0 TPG (m)		U A
6540	COMP+CAN	1/4	6.0 TTG		U A	4613	COMP+CAN	3/16	5.0 TPG (m)		U A
5788	COMP+CAN	5/16	8.0 TTG		U A	8013	COMP+CAN	1/4	6.0 TPG (m)		U A
5789	COMP+CAN	3/8	10.0 TTG		U A	4627	COMP+CAN	3/8	10.0 TPG (s)		U A
5790	COMP+CAN	*	12.0 TTG (3)		U A	4604	COMP+CAN	1/8	3.0 TTG (MC)		U A
Goldray Industries Ltd. ; Calgary, Alberta:						4605	COMP+CAN	5/32	4.0 TTG (MC)		U A
2445	COMP+CAN	5/32	4.0 TTG		U A	4606	COMP+CAN	3/16	5.0 TTG (MC)		U A
2446	COMP+CAN	3/16	5.0 TTG		U A	4607	COMP+CAN	1/4	6.0 TTG (MC)		U A
2447	COMP+CAN	1/4	6.0 TTG		U A	10021	COMP+CAN	5/16	8.0 TTG		U A
2448	COMP+CAN	3/8	10.0 TTG		U A	4609	COMP+CAN	3/8	10.0 TTG		U A
2449	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
4610	COMP+CAN	1/2	12.0 TTG		U A	9786	COMP+CAN	3/8	10.0 TTG		U A
Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street):						Hangzhou Blue-Sky Safety Glass Co., Ltd. ; Hangzhou, Zhejiang:					
8007	COMP+CAN	1/8	3.0 TPG (m)		U A	8801	COMP+CAN	3/16	5.0 TTG		U A
8008	COMP+CAN	5/32	4.0 TPG (m)		U A	8802	COMP+CAN	1/4	6.0 TTG		U A
8009	COMP+CAN	3/16	5.0 TPG (m)		U A	8803	COMP+CAN	5/16	8.0 TTG		U A
8010	COMP+CAN	1/4	6.0 TPG (m)		U A	8804	COMP+CAN	3/8	10.0 TTG		U A
8011	COMP+CAN	3/8	10.0 TPG (m)		U A	Hangzhou Huijing Glass Co., Ltd. ; Hangzhou, Zhejiang:					
8001	COMP+CAN	1/8	3.0 TTG (MC)		U A	9770	COMP+CAN	1/4	6.0 TTG		U A
8002	COMP+CAN	5/32	4.0 TTG (MC)		U A	9771	COMP+CAN	5/16	8.0 TTG		U A
8003	COMP+CAN	3/16	5.0 TTG (MC)		U A	9772	COMP+CAN	3/8	10.0 TTG		U A
8004	COMP+CAN	1/4	6.0 TTG (MC)		U A	Haojing Holdings Group Limited ; Nantong, Haimen:					
8091	COMP+CAN	5/16	8.0 TTG		U A	8702	COMP+CAN	1/8	3.0 TTG		U A
8005	COMP+CAN	3/8	10.0 TTG		U A	8703	COMP+CAN	1/4	6.0 TTG		U A
8006	COMP+CAN	1/2	12.0 TTG		U A	8704	COMP+CAN	5/16	8.0 TTG		U A
Guardian Glass, LLC ; Corsicana, TX:						8705	COMP+CAN	3/8	10.0 TTG		U A
2458	COMP+CAN	1/8	3.0 TPG (m)		U A	8706	COMP+CAN	1/2	12.0 TTG		U A
2459	COMP+CAN	5/32	4.0 TPG (m)		U A	8707	COMP+CAN	*	15.0 TTG (4)		U A
2460	COMP+CAN	3/16	5.0 TPG (m)		U A	Harbin Sayyas Windows Stock Co., Ltd ; Harbin, Heilongjiang:					
1248	COMP+CAN	1/8	3.0 TTG		U A	9898	COMP+CAN	3/16	5.0 TTG (MC)		U A
1249	COMP+CAN	5/32	4.0 TTG		U A	9899	COMP+CAN	1/4	6.0 TTG (MC)		U A
1250	COMP+CAN	3/16	5.0 TTG		U A	9900	COMP+CAN	5/16	8.0 TTG (MC)		U A
1251	COMP+CAN	1/4	6.0 TTG		U A	Hartung Glass Industries ; Phoenix, AZ:					
Guardian Glass, LLC ; DeWitt, IA:						6381	COMPOSITE	1/8	3.0 TPG (s)		U A
2020	COMP+CAN	1/8	3.0 TTG		U A	6382	COMPOSITE	3/16	5.0 TPG (m)		U A
2021	COMP+CAN	5/32	4.0 TTG		U A	7994	COMPOSITE	3/8	10.0 TPG (s)		U A
2022	COMP+CAN	3/16	5.0 TTG		U A	6377	COMPOSITE	1/8	3.0 TTG (MC)		U A
2023	COMP+CAN	1/4	6.0 TTG		U A	6378	COMPOSITE	5/32	4.0 TTG (IN)(MC)		U A
2545	COMP+CAN	3/8	10.0 TTG		U A	IN					
Guardian Glass, LLC ; Geneva, NY:						6379	COMPOSITE	3/16	5.0 TTG (MC)		U A
2259	COMP+CAN	1/8	3.0 TTG		U A	6380	COMPOSITE	1/4	6.0 TTG (MC)		U A
2260	COMP+CAN	5/32	4.0 TTG		U A	7010	COMPOSITE	5/16	8.0 TTG (IN)		U A
2261	COMP+CAN	3/16	5.0 TTG		U A	IN					
2262	COMP+CAN	1/4	6.0 TTG		U A	7011	COMPOSITE	3/8	10.0 TTG		U A
3672	COMP+CAN	5/16	8.0 TTG		U A	7012	COMPOSITE	1/2	12.0 TTG		U A
2519	COMP+CAN	3/8	10.0 TTG		U A	Hartung Glass Industries ; Tukwila, WA:					
3673	COMP+CAN	1/2	12.0 TTG		U A	8868	COMPOSITE	3/16	5.0 TTG (MC)		U A
Guardian Glass, LLC ; Kingsburg, CA:						8864	COMPOSITE	1/4	6.0 TTG (MC)		U A
1303	COMP+CAN	1/8	3.0 TPG (d)		U A	8865	COMPOSITE	5/16	8.0 TTG		U A
1301	COMP+CAN	5/32	4.0 TPG (m)		U A	8866	COMPOSITE	3/8	10.0 TTG		U A
1304	COMP+CAN	3/16	5.0 TPG (m)		U A	8867	COMPOSITE	1/2	12.0 TTG		U A
1882	COMP+CAN	1/4	6.0 TPG (m)		U A	Hebi HaanGlas Co., Ltd ; Hebi, Henan Province:					
968	COMP+CAN	1/8	3.0 TTG		U A	9113	COMP+CAN	5/32	4.0 TTG		U A
969	COMP+CAN	5/32	4.0 TTG		U A	9114	COMP+CAN	3/16	5.0 TTG		U A
970	COMP+CAN	3/16	5.0 TTG		U A	9115	COMPOSITE	5/16	8.0 VIGT		U A
971	COMP+CAN	1/4	6.0 TTG		U A	9116	COMPOSITE	3/8	10.0 VIGT		U A
Guardian Glass, LLC ; Richburg, SC:						Hebi Leadus Special Glass Manufacturing Co., Ltd. ; Hebi, Henan Province:					
1683	COMP+CAN	1/8	3.0 TPG (m)		U A	9744	COMPOSITE	3/8	10.0 VIGT (MC)		U A
1635	COMP+CAN	5/32	4.0 TPG (m)		U A	Hoskin & Muir, Inc ; Louisville, KY:					
1865	COMP+CAN	3/16	5.0 TPG (m)		U A	3872	COMPOSITE	3/16	5.0 TTG		U A
3002	COMP+CAN	1/4	6.0 TPG (m)		U A	3873	COMPOSITE	1/4	6.0 TTG		U A
3003	COMP+CAN	3/8	10.0 TPG (m)		U A	3874	COMPOSITE	3/8	10.0 TTG		U A
1630	COMP+CAN	1/8	3.0 TTG		U A	3875	COMPOSITE	1/2	12.0 TTG		U A
1631	COMP+CAN	5/32	4.0 TTG		U A	Huahui Glass (China) Co., Ltd. ; Quanzou, Fujian:					
1632	COMP+CAN	3/16	5.0 TTG		U A	9959	COMP+CAN	3/16	5.0 TPG (s)		U A
1633	COMP+CAN	1/4	6.0 TTG		U A	9960	COMP+CAN	1/4	6.0 TPG (s)		U A
2382	COMP+CAN	5/16	8.0 TTG		U A	8944	COMP+CAN	1/8	3.0 TTG		U A
1634	COMP+CAN	3/8	10.0 TTG		U A	9958	COMP+CAN	5/32	4.0 TTG		U A
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:						8945	COMP+CAN	3/16	5.0 TTG		U A
4796	COMPOSITE	1/4	6.0 TTG (MC)		U A	8946	COMP+CAN	1/4	6.0 TTG		U A
6326	COMPOSITE	5/16	8.0 TTG (MC)		U A	9921	COMP+CAN	5/16	8.0 TTG		U A
4797	COMPOSITE	3/8	10.0 TTG (MC)		U A	8947	COMP+CAN	3/8	10.0 TTG		U A
4798	COMPOSITE	*	12.0 TTG (7)(MC)		U A						
Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd. ; Jiangmen, Guangdong Province:											
9672	COMP+CAN	5/16	8.0 TTG		U A						

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SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Imagic Glass Inc. ; Concord, Ontario:						Intigral ; Quakertown, PA:					
10014	COMP+CAN	3/16	5.0 TTG		U A	8199	COMP+CAN	1/8	3.0 TPG (m)		U A
8608	COMP+CAN	1/4	6.0 TTG		U A	8200	COMP+CAN	1/8	3.0 TTG (MC)		U A
8609	COMP+CAN	3/8	10.0 TTG		U A	Intigral ; Walton Hills, OH:					
8610	COMP+CAN	1/2	12.0 TTG		U A	3631	COMP+CAN	1/8	3.0 TPG (m)		U A
Imperial Tempered Glass, LLC ; Dallas, TX:						4588	COMP+CAN	5/32	4.0 TPG (m)		U A
9210	COMPOSITE	1/4	6.0 TTG		U A	8048	COMP+CAN	3/16	5.0 TPG (m)		U A
9211	COMPOSITE	3/8	10.0 TTG		U A	2050	COMP+CAN	1/8	3.0 TTG (MC)		U A
9212	COMPOSITE	1/2	12.0 TTG		U A	2051	COMP+CAN	5/32	4.0 TTG (MC)		U A
Industrial Tempering Glass ; Brooklyn, NY:						2052	COMP+CAN	3/16	5.0 TTG (MC)		U A
8894	COMPOSITE	1/4	6.0 TTG		U A	Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca:					
3418	COMPOSITE	3/8	10.0 TTG		U A	8800	COMPOSITE	1/4	6.0 TTG		U A
3419	COMPOSITE	1/2	12.0 TTG		U A	Isoclima Specialty Glass, LLC ; Blairsville, PA:					
8294	COMPOSITE	5/8	16.0 TTG		U A	3018	COMPOSITE	1/2	12.0 TTG		U A
4240	COMPOSITE	3/4	19.0 TTG		U A	ITI Glass Company ; Bel Aire, KS:					
Industries Vanier Inc. ; Anjou, Quebec:						8776	COMP+CAN	1/8	3.0 TTG (MC)		U A
9270	COMP+CAN	1/8	3.0 TTG		U A	8844	COMP+CAN	3/16	5.0 TTG		U A
10013	COMP+CAN	5/32	4.0 TTG		U A	8777	COMP+CAN	1/4	6.0 TTG (MC)		U A
9271	COMP+CAN	3/16	5.0 TTG		U A	8778	COMP+CAN	3/8	10.0 TTG		U A
9272	COMP+CAN	1/4	6.0 TTG		U A	8718	COMP+CAN	1/2	12.0 TTG		U A
9273	COMP+CAN	5/16	8.0 TTG		U A	J&H Mirror and Glass LLC ; DeLand, FL:					
9274	COMP+CAN	3/8	10.0 TTG		U A	10199	COMPOSITE	3/16	5.0 TTG		U A
9275	COMP+CAN	1/2	12.0 TTG		U A	10200	COMPOSITE	1/4	6.0 TTG		U A
Inkan Ltd ; Brampton, Ontario:						10201	COMPOSITE	3/8	10.0 TTG		U A
5135	COMP+CAN	1/4	6.0 TTG		U A	10202	COMPOSITE	1/2	12.0 TTG		U A
5136	COMP+CAN	5/16	8.0 TTG		U A	J&Y Glass Services ; Naples, FL:					
5137	COMP+CAN	3/8	10.0 TTG		U A	8077	COMP+CAN	1/4	6.0 TTG		U A
5138	COMP+CAN	1/2	12.0 TTG		U A	8078	COMP+CAN	3/8	10.0 TTG		U A
5139	COMP+CAN	5/8	16.0 TTG		U A	8079	COMP+CAN	1/2	12.0 TTG		U A
5140	COMP+CAN	3/4	19.0 TTG		U A	J.C. Moag Corporation ; Georgetown, IN:					
Innovative Glass Products LLC ; Carrollton, TX:						10242	COMP+CAN	3/16	5.0 TTG		U A
7062	COMPOSITE	1/8	3.0 TTG (MC)		U A	8940	COMP+CAN	1/4	6.0 TTG		U A
7063	COMPOSITE	5/32	4.0 TTG		U A	8941	COMP+CAN	3/8	10.0 TTG		U A
7064	COMPOSITE	3/16	5.0 TTG (MC)(MC)		U A	8942	COMP+CAN	1/2	12.0 TTG		U A
7065	COMPOSITE	1/4	6.0 TTG		U A	JAR Tempering Inc. ; Hialeah, FL:					
8862	COMPOSITE	3/8	10.0 TTG (IN)		U A	8512	COMPOSITE	3/16	5.0 TTG		U A
IN						8513	COMPOSITE	1/4	6.0 TTG		U A
Insulite Glass Co., Inc. ; Olathe, KS:						8514	COMPOSITE	3/8	10.0 TTG		U A
4473	COMPOSITE	1/8	3.0 TTG (MC)		U A	8515	COMPOSITE	1/2	12.0 TTG		U A
4474	COMPOSITE	5/32	4.0 TTG		U A	Jasan Fabricated Glass, Inc. ; Vernon, CA:					
3714	COMPOSITE	3/16	5.0 TTG (MC)		U A	9101	COMPOSITE	5/32	4.0 TTG		U A
3715	COMPOSITE	1/4	6.0 TTG (MC)		U A	9102	COMPOSITE	3/16	5.0 TTG		U A
9093	COMPOSITE	5/16	8.0 TTG		U A	9103	COMPOSITE	1/4	6.0 TTG		U A
3716	COMPOSITE	3/8	10.0 TTG		U A	9104	COMPOSITE	5/16	8.0 TTG		U A
3717	COMPOSITE	1/2	12.0 TTG		U A	9105	COMPOSITE	3/8	10.0 TTG		U A
Integral Seal Mfg. Inc. ; Concord, Ontario:						9106	COMPOSITE	*	12.0 TTG (4)		U A
4682	COMP+CAN	5/32	4.0 TTG		U A	9107	COMPOSITE	3/4	19.0 TTG (IN)		U A
4683	COMP+CAN	3/16	5.0 TTG		U A	IN					
4684	COMP+CAN	1/4	6.0 TTG (MC)		U A	Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen, Guangdong Province:					
9867	COMP+CAN	5/16	8.0 TTG		U A	7574	COMP+CAN	3/16	5.0 TTG		U A
Integrity Glass Tempering, LLC. ; Venice , FL:						7575	COMP+CAN	1/4	6.0 TTG		U A
7097	COMPOSITE	3/16	5.0 TPG (m)		U A	7576	COMP+CAN	5/16	8.0 TTG		U A
6666	COMPOSITE	3/16	5.0 TTG		U A	7577	COMP+CAN	3/8	10.0 TTG		U A
6635	COMPOSITE	1/4	6.0 TTG		U A	7578	COMP+CAN	*	12.0 TTG (4)		U A
6636	COMPOSITE	3/8	10.0 TTG		U A	Jiangmen Junfa Safety Glass Co., Ltd. ; Jiangmen, Guangdong Province:					
6637	COMPOSITE	1/2	12.0 TTG		U A	9722	COMP+CAN	1/4	6.0 TTG		U A
Inter Fonction Ltee ; Sherbrooke, Quebec:						9723	COMP+CAN	5/16	8.0 TTG		U A
8470	COMP+CAN	5/32	4.0 TTG		U A	8797	COMP+CAN	3/8	10.0 TTG		U A
8471	COMP+CAN	1/4	6.0 TTG		U A	Jiangmen Kuida Tebo 168 Technology Co., Ltd. ; Jiangmen, Guangdong Province:					
8489	COMP+CAN	5/16	8.0 TTG		U A	9912	COMPOSITE	1/8	3.0 TTG		U A
7235	COMP+CAN	3/8	10.0 TTG		U A						
8089	COMP+CAN	1/2	12.0 TTG		U A						

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SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
9913	COMPOSITE	5/32	4.0 TTG		U A	Kiriakidis Vas. S.A. ; Sindos, Thessaloniki:					
9914	COMPOSITE	3/16	5.0 TTG		U A	10257	COMPOSITE	1/4	6.0 TTG (MC)		U A
Jiangmen SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:						10258	COMPOSITE	5/16	8.0 TTG (MC)		U A
5052	COMP+CAN	1/4	6.0 TBG (IN)		U A	Kohler Company ; Union City, TN:					
IN						1983	COMP+CAN	1/8	3.0 TPG (m)		U A
5053	COMP+CAN	5/16	8.0 TBG (IN)		U A	3532	COMP+CAN	5/32	4.0 TPG (m)		U A
IN						1984	COMP+CAN	3/16	5.0 TPG (s)		U A
5054	COMP+CAN	3/8	10.0 TBG (IN)		U A	2918	COMPOSITE	1/4	6.0 TPG (m)(IN)		U A
IN						IN					
5055	COMP+CAN	1/2	12.0 TBG (IN)		U A	1979	COMP+CAN	1/8	3.0 TTG		U A
IN						1980	COMP+CAN	5/32	4.0 TTG		U A
4303	COMP+CAN	5/32	4.0 TTG (IN)		U A	1981	COMP+CAN	3/16	5.0 TTG		U A
IN						1982	COMP+CAN	1/4	6.0 TTG		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	4668	COMP+CAN	5/16	8.0 TTG		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	2434	COMP+CAN	3/8	10.0 TTG		U A
4306	COMP+CAN	5/16	8.0 TTG		U A	4012	COMP+CAN	1/2	12.0 TTG		U A
4307	COMP+CAN	3/8	10.0 TTG		U A	Korea OTK High-Tech Co., Ltd. ; Gunsan, North Jeolla, South Korea:					
4308	COMP+CAN	1/2	12.0 TTG		U A	10007	COMP+CAN	1/8	3.0 TTG (MC)		U A
4309	COMP+CAN	*	15.0 TTG (4)		U A	KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliko Chalkida, Greece:					
4310	COMP+CAN	3/4	19.0 TTG		U A	8732	COMP+CAN	5/32	4.0 TTG (MC)		U A
Jiangxi Shouhua Building Materials Co., Ltd ; Jiujiang, Jiangxi:						8733	COMP+CAN	3/16	5.0 TTG (MC)		U A
9729	COMP+CAN	1/8	3.0 TTG		U A	8734	COMP+CAN	1/4	6.0 TTG (MC)		U A
9730	COMP+CAN	5/32	4.0 TTG		U A	8735	COMP+CAN	5/16	8.0 TTG (MC)		U A
9731	COMP+CAN	3/16	5.0 TTG		U A	8736	COMP+CAN	3/8	10.0 TTG (MC)		U A
9732	COMP+CAN	1/4	6.0 TTG		U A	8738	COMP+CAN	1/2	12.0 TTG (MC)		U A
9733	COMP+CAN	5/16	8.0 TTG		U A	La Tecnica Nel Vetro SpA ; Scafati, Salerno:					
9734	COMP+CAN	3/8	10.0 TTG		U A	7174	COMP+CAN	3/16	5.0 TTG		U A
Jinzhou Fortune Spring Glass Co., Ltd. ; Jinzhou, Liaoning:						7168	COMP+CAN	1/4	6.0 TTG		U A
7268	COMP+CAN	1/8	3.0 TTG		U A	7167	COMP+CAN	5/16	8.0 TTG		U A
JM Glass ; Hayward, CA:						7166	COMP+CAN	3/8	10.0 TTG		U A
4928	COMPOSITE	3/16	5.0 TTG		U A	7165	COMP+CAN	1/2	12.0 TTG		U A
4929	COMPOSITE	1/4	6.0 TTG		U A	Laurier Architectural ; Laurier-Station, Quebec:					
4930	COMPOSITE	3/8	10.0 TTG		U A	8121	COMP+CAN	5/32	4.0 TTG (MC)		U A
4931	COMPOSITE	1/2	12.0 TTG		U A	8122	COMP+CAN	3/16	5.0 TTG (MC)		U A
Jubilee Company ; Princeton, TX:						8123	COMP+CAN	1/4	6.0 TTG (MC)		U A
8428	COMPOSITE	1/4	6.0 TTG		U A	8124	COMP+CAN	3/8	10.0 TTG		U A
8429	COMPOSITE	3/8	10.0 TTG		U A	8125	COMP+CAN	1/2	12.0 TTG		U A
JYC Glass Co. Ltd. ; Foshan, Guangdong Province:						Les Verres VMIK Inc. ; Gatineau, Quebec:					
3991	COMP+CAN	5/32	4.0 TBG		U A	6894	COMP+CAN	3/16	5.0 TTG		U A
3992	COMP+CAN	3/16	5.0 TBG		U A	6895	COMP+CAN	1/4	6.0 TTG		U A
3993	COMP+CAN	1/4	6.0 TBG		U A	6896	COMP+CAN	3/8	10.0 TTG		U A
3994	COMP+CAN	5/16	8.0 TBG		U A	6897	COMP+CAN	1/2	12.0 TTG		U A
6619	COMP+CAN	3/16	5.0 TBP (s)		U A	Lien Yeu GLASSTECH (M) SDN BHD ; Muar, Johor:					
6620	COMP+CAN	1/4	6.0 TBP (s)		U A	7358	COMP+CAN	5/32	4.0 TTG		U A
4161	COMP+CAN	5/32	4.0 TPG (s)		U A	7359	COMP+CAN	3/16	5.0 TTG		U A
6621	COMP+CAN	3/16	5.0 TPG (s)		U A	7360	COMP+CAN	1/4	6.0 TTG		U A
6622	COMP+CAN	1/4	6.0 TPG (s)		U A	7361	COMP+CAN	5/16	8.0 TTG		U A
3957	COMP+CAN	1/8	3.0 TTG		U A	7362	COMP+CAN	3/8	10.0 TTG		U A
3958	COMP+CAN	5/32	4.0 TTG		U A	8038	COMP+CAN	*	12.0 TTG (3)		U A
3959	COMP+CAN	3/16	5.0 TTG		U A	Limca Dekoratif Cam Anya San Tic ve AS ; Yenimahalle, Ankara:					
3960	COMP+CAN	1/4	6.0 TTG		U A	10164	COMP+CAN	5/16	8.0 TTG		U A
3961	COMP+CAN	5/16	8.0 TTG		U A	Lippert Components ; Bristol, IN:					
3962	COMP+CAN	3/8	10.0 TTG		U A	8061	COMP+CAN	1/8	3.0 TTG (MC)		U A
3963	COMP+CAN	1/2	12.0 TTG		U A	8062	COMP+CAN	1/4	6.0 TTG		U A
KAMRI Investments Limited ; Marabella, West Indies:						Long Ding Vietnam Glass Products Co. Ltd. ; Thu Dau Mot City, Binh Duang:					
8932	COMPOSITE	1/4	6.0 TTG		U A	10248	COMP+CAN	3/8	10.0 TPG (s)		U A
8933	COMPOSITE	3/8	10.0 TTG		U A	10243	COMP+CAN	3/16	5.0 TTG		U A
8934	COMPOSITE	1/2	12.0 TTG		U A	10244	COMP+CAN	1/4	6.0 TTG		U A
Kensington Glass Arts ; Ijamsville, MD:						10245	COMP+CAN	5/16	8.0 TTG		U A
5973	COMPOSITE	1/4	6.0 TTG		U A	10246	COMP+CAN	3/8	10.0 TTG		U A
5974	COMPOSITE	3/8	10.0 TTG		U A	10247	COMP+CAN	1/2	12.0 TTG		U A
5975	COMPOSITE	1/2	12.0 TTG		U A						
5976	COMPOSITE	5/8	16.0 TTG		U A						
5977	COMPOSITE	3/4	19.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong Province:						9891	COMPOSITE	1/4	6.0 TTG		U A
8619	COMP+CAN	1/8	3.0 TTG		U A	9892	COMPOSITE	3/8	10.0 TTG		U A
8175	COMP+CAN	3/16	5.0 TTG		U A	9893	COMPOSITE	*	12.0 TTG (4)		U A
8176	COMP+CAN	1/4	6.0 TTG		U A	Majestic Glass Inc. ; Hialeah, FL:					
Louisville Plate Glass ; Louisville, KY:						8582	COMPOSITE	1/4	6.0 TTG		U A
6070	COMPOSITE	1/8	3.0 TTG (MC)		U A	8583	COMPOSITE	3/8	10.0 TTG		U A
6072	COMPOSITE	3/16	5.0 TTG (MC)		U A	8584	COMPOSITE	1/2	12.0 TTG		U A
6073	COMPOSITE	1/4	6.0 TTG (MC)		U A	Major Tempered Glass LLC ; Keasbey, NJ:					
6074	COMPOSITE	3/8	10.0 TTG		U A	10135	COMPOSITE	1/8	3.0 TTG		U A
6075	COMPOSITE	1/2	12.0 TTG		U A	10136	COMPOSITE	3/16	5.0 TTG		U A
LTI Smart Glass, Inc. ; Pittsfield, MA:						10137	COMPOSITE	1/4	6.0 TTG		U A
7079	COMP+CAN	1/8	3.0 TTG		U A	10138	COMPOSITE	3/8	10.0 TTG		U A
6922	COMP+CAN	3/16	5.0 TTG (MC)		U A	10139	COMPOSITE	1/2	12.0 TTG		U A
6923	COMP+CAN	1/4	6.0 TTG (MC)		U A	Making Glass North America Inc. ; Laval, Quebec:					
6924	COMP+CAN	5/16	8.0 TTG		U A	9033	COMP+CAN	3/16	5.0 TTG		U A
6925	COMP+CAN	3/8	10.0 TTG		U A	9034	COMP+CAN	1/4	6.0 TTG		U A
6926	COMP+CAN	1/2	12.0 TTG		U A	9035	COMP+CAN	5/16	8.0 TTG		U A
Luchuan Zhengda Tempered Glass Co., Ltd. ; Yulin, Guangxi:						8926	COMP+CAN	3/8	10.0 TTG		U A
9895	COMPOSITE	1/4	6.0 TTG		U A	8927	COMP+CAN	1/2	12.0 TTG		U A
9896	COMPOSITE	5/16	8.0 TTG		U A	Making Glass S.R.L. ; Cantu, Province of Como:					
9897	COMPOSITE	3/8	10.0 TTG		U A	10174	COMP+CAN	1/4	6.0 TTG		U A
Luoyang LandGlass Technology Co., LTD ; Luoyang, Henan Province:						10175	COMP+CAN	3/8	10.0 TTG		U A
7622	COMPOSITE	5/16	8.0 VIGT (MC)		U A	10176	COMP+CAN	1/2	12.0 TTG		U A
6476	COMPOSITE	3/8	10.0 VIGT (MC)		U A	Manko Window Systems ; Aurora, CO:					
LuxWall, Inc. ; Litchfield, MI:						6277	COMPOSITE	3/16	5.0 TTG (MC)		U A
9289	COMP+CAN	5/32	4.0 TTG (MC)		U A	6278	COMPOSITE	1/4	6.0 TTG (MC)		U A
9290	COMP+CAN	3/16	5.0 TTG (MC)		U A	6279	COMPOSITE	3/8	10.0 TTG		U A
10211	COMPOSITE	3/8	10.0 VIGT (MC)		U A	6280	COMPOSITE	1/2	12.0 TTG		U A
M & F Home Solutions LLC. ; Tampa, FL:						Manko Window Systems- KS ; Manhattan, KS:					
9149	COMPOSITE	1/4	6.0 TTG		U A	6833	COMPOSITE	1/8	3.0 TPG (s)		U A
9150	COMPOSITE	3/8	10.0 TTG		U A	6834	COMPOSITE	3/16	5.0 TPG (m)		U A
9276	COMPOSITE	1/2	12.0 TTG		U A	6835	COMPOSITE	1/4	6.0 TPG (m)		U A
M Industria S.A. DE C.V. ; Conkal, Yucatan:						6836	COMPOSITE	3/8	10.0 TPG (m)		U A
8054	COMP+CAN	1/4	6.0 TBG (MC)		U A	8928	COMPOSITE	1/8	3.0 TTG (MC)		U A
8951	COMP+CAN	5/16	8.0 TBG (MC)		U A	6826	COMPOSITE	5/32	4.0 TTG (MC)		U A
8055	COMP+CAN	3/8	10.0 TBG (MC)		U A	6827	COMPOSITE	3/16	5.0 TTG (MC)		U A
8056	COMP+CAN	1/2	12.0 TBG		U A	6828	COMPOSITE	1/4	6.0 TTG (MC)		U A
8952	COMP+CAN	3/4	19.0 TBG		U A	6829	COMPOSITE	3/8	10.0 TTG		U A
7708	COMP+CAN	1/8	3.0 TTG (MC)		U A	6830	COMPOSITE	1/2	12.0 TTG		U A
7709	COMP+CAN	5/32	4.0 TTG		U A	Manko Windows ; Des Moines, IA:					
7682	COMP+CAN	3/16	5.0 TTG (MC)		U A	6292	COMPOSITE	1/8	3.0 TPG (m)		U A
7683	COMP+CAN	1/4	6.0 TTG (MC)		U A	6293	COMPOSITE	5/32	4.0 TPG (m)		U A
7684	COMP+CAN	5/16	8.0 TTG (MC)		U A	6294	COMPOSITE	3/16	5.0 TPG (d)		U A
7685	COMP+CAN	3/8	10.0 TTG (MC)		U A	6295	COMPOSITE	1/4	6.0 TPG (m)		U A
7686	COMP+CAN	1/2	12.0 TTG		U A	6296	COMPOSITE	3/8	10.0 TPG (m)		U A
7687	COMP+CAN	3/4	19.0 TTG		U A	6286	COMPOSITE	1/8	3.0 TTG (MC)		U A
M&M Tempering Inc. ; Loganville, GA:						6287	COMPOSITE	5/32	4.0 TTG		U A
4280	COMPOSITE	1/4	6.0 TTG		U A	6288	COMPOSITE	3/16	5.0 TTG (MC)		U A
4281	COMPOSITE	3/8	10.0 TTG		U A	6289	COMPOSITE	1/4	6.0 TTG (MC)		U A
4282	COMPOSITE	1/2	12.0 TTG		U A	6290	COMPOSITE	3/8	10.0 TTG		U A
M3 Glass Technologies ; Irving, TX:						6291	COMPOSITE	1/2	12.0 TTG		U A
9985	COMP+CAN	1/4	6.0 TTG		U A	Maryland Glass & Mirror ; Baltimore, MD:					
5946	COMPOSITE	3/8	10.0 TTG		U A	4318	COMPOSITE	1/8	3.0 TTG (MC)		U A
5947	COMPOSITE	1/2	12.0 TTG		U A	4319	COMPOSITE	3/16	5.0 TTG		U A
M3 Glass Technologies - Austin ; Austin, Georgetown, TX:						4320	COMPOSITE	1/4	6.0 TTG (MC)		U A
9791	COMPOSITE	1/8	3.0 TTG		U A	8066	COMPOSITE	5/16	8.0 TTG		U A
9982	COMP+CAN	5/32	4.0 TTG		U A	4321	COMPOSITE	3/8	10.0 TTG		U A
9983	COMP+CAN	3/16	5.0 TTG		U A	4322	COMPOSITE	1/2	12.0 TTG		U A
9984	COMP+CAN	1/4	6.0 TTG		U A	7022	COMPOSITE	3/4	19.0 TTG		U A
Magic Mirror and Shower Enclosures Inc. ; West Palm Beach, FL:						McGrory Glass ; Paulsboro, NJ:					
9890	COMPOSITE	*	5.0 TTG (4)		U A	9266	COMPOSITE	1/4	6.0 TPG (m)		U A
						4819	COMPOSITE	3/8	10.0 TPG (s)		U A
						4820	COMPOSITE	1/2	12.0 TPG (s)(IN)		U A
						IN					

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
4925	COMPOSITE	3/16	5.0 TTG		U A	Mr. Glass LLC. ; Philadelphia, PA:					
4813	COMPOSITE	1/4	6.0 TTG		U A	9825	COMPOSITE	5/32	4.0 TTG (MC)		U A
4814	COMPOSITE	3/8	10.0 TTG		U A	7693	COMPOSITE	3/16	5.0 TTG (MC)		U A
4815	COMPOSITE	1/2	12.0 TTG		U A	7660	COMPOSITE	1/4	6.0 TTG (MC)		U A
4816	COMPOSITE	5/8	16.0 TTG		U A	9100	COMPOSITE	3/8	10.0 TTG		U A
4817	COMPOSITE	3/4	19.0 TTG		U A	7662	COMPOSITE	1/2	12.0 TTG		U A
Megaglass DBA Megaluminio SA de CV ; Atlacomulco, State of Mexico:						Multiver ; Vanier, Quebec:					
9970	COMP+CAN	1/4	6.0 TTG		U A	2498	COMP+CAN	1/8	3.0 TTG (MC)		U A
9971	COMP+CAN	3/8	10.0 TTG		U A	2629	COMP+CAN	5/32	4.0 TTG (MC)		U A
9972	COMP+CAN	1/2	12.0 TTG		U A	6890	COMP+CAN	3/16	5.0 TTG (MC)		U A
Mercer Glass Fab LLC ; Trenton, NJ:						2499	COMP+CAN	1/4	6.0 TTG (MC)		U A
4257	COMPOSITE	1/4	6.0 TPG (m)		U A	5226	COMP+CAN	5/16	8.0 TTG (MC)		U A
4258	COMPOSITE	3/8	10.0 TPG (m)		U A	5227	COMP+CAN	3/8	10.0 TTG (MC)		U A
7671	COMPOSITE	1/4	6.0 TTG		U A	5228	COMP+CAN	1/2	12.0 TTG		U A
4530	COMPOSITE	5/16	8.0 TTG		U A	Multiver Ltee ; Saint-Leonard, Quebec:					
4255	COMPOSITE	3/8	10.0 TTG		U A	8547	COMP+CAN	5/32	4.0 TTG		U A
4256	COMPOSITE	1/2	12.0 TTG		U A	6978	COMP+CAN	3/16	5.0 TTG		U A
Mid-American Glass ; Davenport, IA:						8548	COMP+CAN	1/4	6.0 TTG		U A
7227	COMPOSITE	1/8	3.0 TTG (MC)		U A	6980	COMP+CAN	3/8	10.0 TTG		U A
7228	COMPOSITE	5/32	4.0 TTG		U A	Nanjing Feitian Varo Glass Product Co., Ltd. ; Nanjing, Jiangsu:					
7229	COMPOSITE	3/16	5.0 TTG (MC)		U A	10034	COMP+CAN	3/16	5.0 TTG		U A
7230	COMPOSITE	1/4	6.0 TTG (MC)		U A	9743	COMP+CAN	3/8	10.0 TTG		U A
7231	COMPOSITE	3/8	10.0 TTG		U A	Nashville Tempered Glass Corp. ; Nashville, TN:					
7232	COMPOSITE	1/2	12.0 TTG		U A	1416	COMP+CAN	1/8	3.0 TTG (MC)		U A
Midwest Glass Fabricators ; Highland, MI:						2497	COMP+CAN	5/32	4.0 TTG		U A
7920	COMP+CAN	3/16	5.0 TPG (m)		U A	1467	COMP+CAN	3/16	5.0 TTG		U A
6037	COMP+CAN	3/8	10.0 TPG (m)		U A	1417	COMP+CAN	1/4	6.0 TTG		U A
6027	COMP+CAN	1/8	3.0 TTG (MC)		U A	5729	COMP+CAN	5/16	8.0 TTG		U A
6028	COMP+CAN	5/32	4.0 TTG		U A	2494	COMP+CAN	3/8	10.0 TTG		U A
6029	COMP+CAN	3/16	5.0 TTG (MC)		U A	Nashville Tempered Glass LLC ; Hendersonville, TN:					
6030	COMP+CAN	1/4	6.0 TTG (MC)		U A	2691	COMP+CAN	5/32	4.0 TTG (MC)		U A
6031	COMP+CAN	3/8	10.0 TTG		U A	2692	COMP+CAN	3/16	5.0 TTG (MC)		U A
6032	COMP+CAN	1/2	12.0 TTG		U A	2693	COMP+CAN	1/4	6.0 TTG (MC)		U A
6033	COMP+CAN	5/8	16.0 TTG		U A	7980	COMP+CAN	5/16	8.0 TTG (MC)		U A
6034	COMP+CAN	3/4	19.0 TTG		U A	2694	COMP+CAN	3/8	10.0 TTG (MC)		U A
Milkana OOD ; Plevan Center, Plevan:						4148	COMP+CAN	1/2	12.0 TTG		U A
8922	COMP+CAN	5/32	4.0 TTG		U A	New Angle Beveling ; Clearfield, PA:					
8923	COMP+CAN	1/4	6.0 TTG (MC)		U A	5772	COMPOSITE	1/8	3.0 TTG (MC)		U A
8924	COMP+CAN	5/16	8.0 TTG (MC)		U A	5774	COMPOSITE	3/16	5.0 TTG (MC)		U A
8925	COMP+CAN	3/8	10.0 TTG		U A	5773	COMPOSITE	1/4	6.0 TTG (MC)		U A
Minneapolis Glass Company ; Minneapolis, MN:						5775	COMPOSITE	3/8	10.0 TTG		U A
9265	COMP+CAN	5/32	4.0 TPG (m)		U A	5776	COMPOSITE	1/2	12.0 TTG		U A
9795	COMP+CAN	3/16	5.0 TPG (s)		U A	New Angle Beveling ; Hyde, PA:					
9796	COMP+CAN	3/8	10.0 TPG (s)		U A	4593	COMPOSITE	1/8	3.0 TTG		U A
9260	COMP+CAN	1/8	3.0 TTG		U A	4594	COMPOSITE	3/16	5.0 TTG		U A
9848	COMP+CAN	5/32	4.0 TTG		U A	4595	COMPOSITE	1/4	6.0 TTG		U A
9261	COMP+CAN	3/16	5.0 TTG		U A	4591	COMPOSITE	3/8	10.0 TTG		U A
9262	COMP+CAN	1/4	6.0 TTG (MC)		U A	4592	COMPOSITE	1/2	12.0 TTG		U A
9263	COMP+CAN	3/8	10.0 TTG		U A	New Century Glass & Aluminum LLC ; Woodside, NY:					
9264	COMP+CAN	1/2	12.0 TTG		U A	5455	COMPOSITE	3/16	5.0 TTG		U A
9691	COMP+CAN	3/4	19.0 TTG		U A	5456	COMPOSITE	1/4	6.0 TTG (MC)		U A
Mirror Works Inc. ; Ottawa, Ontario:						5457	COMPOSITE	3/8	10.0 TTG		U A
8165	COMP+CAN	3/16	5.0 TTG		U A	5458	COMPOSITE	1/2	12.0 TTG		U A
8166	COMP+CAN	1/4	6.0 TTG		U A	Newmar Window Mfg. Inc. ; Woodbridge, ON:					
10068	COMP+CAN	3/8	10.0 TTG		U A	10085	COMP+CAN	5/32	4.0 TTG		U A
8168	COMP+CAN	1/2	12.0 TTG (4)		U A	10086	COMP+CAN	3/16	5.0 TTG		U A
Mitrex Inc. ; Toronto, Ontario:						10087	COMP+CAN	1/4	6.0 TTG		U A
9045	COMP+CAN	1/8	3.0 TTG (MC)		U A	10088	COMP+CAN	5/16	8.0 TTG		U A
M-Power Glass Ltd. ; Richmond, British Columbia:						Ningbo Gaosheng Special Glass CO., LTD ; Ningbo, Zhejiang:					
9887	COMP+CAN	1/4	6.0 TTG		U A	10153	COMPOSITE	5/32	4.0 TPG (m)		U A
9934	COMP+CAN	5/16	8.0 TTG		U A	10156	COMPOSITE	1/4	6.0 TPG (m)		U A
9888	COMP+CAN	3/8	10.0 TTG		U A	10155	COMPOSITE	5/32	4.0 TTG		U A
9889	COMP+CAN	*	12.0 TTG (4)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
10154	COMPOSITE	1/4	6.0 TTG		U A	Novatech Group Inc. ; St-Agapit, Quebec:					
10152	COMPOSITE	5/16	8.0 TTG		U A	7006	COMP+CAN	1/8	3.0 TTG (MC)		U A
10157	COMPOSITE	3/8	10.0 TTG		U A	7007	COMP+CAN	5/32	4.0 TTG (MC)		U A
Ningbo Runner Industrial Corporation ; Ningbo, Zhejiang:						7008	COMP+CAN	3/16	5.0 TTG (MC)		U A
10049	COMP+CAN	5/32	4.0 TPG (s)		U A	8478	COMP+CAN	1/4	6.0 TTG (MC)		U A
8597	COMP+CAN	7/32	6.0 TPG (s)(IN)		U A	Novavetro S.r.l. ; San Severino Marche, Italy:					
IN						7768	COMP+CAN	3/16	5.0 TTG		U A
8598	COMP+CAN	3/8	10.0 TPG (IN)(s)		U A	7769	COMP+CAN	1/4	6.0 TTG (MC)		U A
IN						7770	COMP+CAN	5/16	8.0 TTG (MC)		U A
8591	COMP+CAN	5/32	4.0 TTG		U A	7771	COMP+CAN	3/8	10.0 TTG (MC)		U A
8592	COMP+CAN	3/16	5.0 TTG		U A	7772	COMP+CAN	1/2	12.0 TTG		U A
8593	COMP+CAN	1/4	6.0 TTG		U A	7773	COMP+CAN	*	15.0 TTG (4)		U A
8594	COMP+CAN	5/16	8.0 TTG		U A	ODL, Inc. ; Zeeland, MI:					
8595	COMP+CAN	3/8	10.0 TTG		U A	9991	COMP+CAN	1/8	3.0 TPG (m)		U A
8596	COMP+CAN	1/2	12.0 TTG (3)		U A	9992	COMP+CAN	5/32	4.0 TPG (s)		U A
Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang:						9907	COMP+CAN	1/8	3.0 TTG (MC)		U A
6273	COMPOSITE	5/32	4.0 TPG (m)(IN)		U A	9908	COMP+CAN	5/32	4.0 TTG (MC)		U A
IN						Oldcastle BuildingEnvelope® ; Albertville, MN:					
6274	COMPOSITE	1/4	6.0 TPG (s)		U A	3127	COMP+CAN	3/8	10.0 TPG (m)		U A
6845	COMPOSITE	3/8	10.0 TPG (s)		U A	3104	COMP+CAN	1/8	3.0 TTG (MC)		U A
6271	COMPOSITE	5/32	4.0 TTG (IN)		U A	3105	COMP+CAN	5/32	4.0 TTG (MC)		U A
IN						3106	COMP+CAN	3/16	5.0 TTG (MC)		U A
6272	COMPOSITE	1/4	6.0 TTG		U A	3107	COMP+CAN	1/4	6.0 TTG (MC)		U A
8828	COMPOSITE	5/16	8.0 TTG		U A	4882	COMP+CAN	5/16	8.0 TTG		U A
7873	COMPOSITE	3/8	10.0 TTG		U A	3108	COMP+CAN	3/8	10.0 TTG		U A
Niskayuna Glass ; Schenectady, NY:						3109	COMP+CAN	1/2	12.0 TTG		U A
7471	COMP+CAN	1/8	3.0 TTG (MC)		U A	3110	COMP+CAN	5/8	16.0 TTG		U A
7472	COMP+CAN	3/16	5.0 TTG (MC)		U A	3111	COMP+CAN	3/4	19.0 TTG		U A
7473	COMP+CAN	1/4	6.0 TTG		U A	Oldcastle BuildingEnvelope® ; Battle Ground, WA:					
Nissink Business Glass BV ; IJsselmuiden, Overijssel:						3226	COMP+CAN	1/8	3.0 TPG (s)		U A
8414	COMP+CAN	1/4	6.0 TBG		U A	7424	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A
8415	COMP+CAN	5/16	8.0 TTG		U A	IN					
8416	COMP+CAN	3/8	10.0 TTG		U A	3228	COMP+CAN	3/16	5.0 TPG (m)		U A
NOLA Showers, L.L.C. ; New Orleans, LA:						3229	COMP+CAN	1/4	6.0 TPG (m)		U A
8487	COMPOSITE	3/8	10.0 TTG		U A	3230	COMP+CAN	3/8	10.0 TPG (m)		U A
8488	COMPOSITE	1/2	12.0 TTG		U A	3219	COMP+CAN	1/8	3.0 TTG (MC)		U A
Norabath Sanitary Wares SDN. BHD ; Batu Pahat, Johor:						3220	COMP+CAN	5/32	4.0 TTG (MC)		U A
10026	COMPOSITE	1/4	6.0 TTG		U A	3221	COMP+CAN	3/16	5.0 TTG (MC)		U A
10027	COMPOSITE	5/16	8.0 TTG		U A	3222	COMP+CAN	1/4	6.0 TTG (MC)		U A
10028	COMPOSITE	3/8	10.0 TTG		U A	3223	COMP+CAN	5/16	8.0 TTG (IN)		U A
Norfinch Glass & Mirror Mfg. Ltd. ; Etobicoke, Ontario:						IN					
8252	COMP+CAN	1/4	6.0 TTG		U A	3224	COMP+CAN	3/8	10.0 TTG		U A
8253	COMP+CAN	3/8	10.0 TTG		U A	3225	COMP+CAN	1/2	12.0 TTG		U A
8254	COMP+CAN	1/2	12.0 TTG (4)		U A	Oldcastle BuildingEnvelope® ; Calgary, Alberta:					
Northwest Glass Manufacturing Inc. ; Snohomish, WA:						3273	COMP+CAN	5/32	4.0 TPG (d)		U A
9857	COMPOSITE	1/8	3.0 TTG		U A	3274	COMP+CAN	3/16	5.0 TPG (d)		U A
9858	COMPOSITE	3/16	5.0 TTG		U A	3262	COMP+CAN	3/8	10.0 TPG (d)		U A
9859	COMPOSITE	1/4	6.0 TTG		U A	3263	COMP+CAN	1/8	3.0 TTG (MC)		U A
9860	COMPOSITE	3/8	10.0 TTG		U A	3264	COMP+CAN	5/32	4.0 TTG (MC)		U A
9861	COMPOSITE	1/2	12.0 TTG		U A	3265	COMP+CAN	3/16	5.0 TTG (MC)		U A
Northwestern Glass Fab ; Fridley, MN:						3266	COMP+CAN	1/4	6.0 TTG (MC)		U A
6733	COMP+CAN	1/8	3.0 TTG (MC)		U A	3267	COMP+CAN	5/16	8.0 TTG		U A
8840	COMP+CAN	5/32	4.0 TTG (MC)		U A	3268	COMP+CAN	3/8	10.0 TTG (MC)		U A
6734	COMP+CAN	3/16	5.0 TTG (MC)		U A	3269	COMP+CAN	1/2	12.0 TTG		U A
6735	COMP+CAN	1/4	6.0 TTG (MC)		U A	3270	COMP+CAN	5/8	16.0 TTG		U A
6736	COMP+CAN	3/8	10.0 TTG		U A	3271	COMP+CAN	3/4	19.0 TTG		U A
6737	COMP+CAN	1/2	12.0 TTG		U A	Oldcastle BuildingEnvelope® ; Concord, Ontario:					
Northwestern Industries - Arizona, Inc. ; Yuma, AZ:						4424	COMP+CAN	3/16	5.0 TPG (s)		U A
6566	COMPOSITE	3/16	5.0 TTG (MC)		U A	3440	COMP+CAN	5/32	4.0 TTG		U A
6567	COMPOSITE	1/4	6.0 TTG (MC)		U A	3441	COMP+CAN	3/16	5.0 TTG		U A
6568	COMPOSITE	5/16	8.0 TTG (MC)		U A	3442	COMP+CAN	1/4	6.0 TTG (MC)		U A
6569	COMPOSITE	3/8	10.0 TTG (MC)		U A	3443	COMP+CAN	5/16	8.0 TTG		U A
						3444	COMP+CAN	3/8	10.0 TTG		U A
						3445	COMP+CAN	1/2	12.0 TTG		U A
						3446	COMP+CAN	5/8	16.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope® ; Covington, GA:						5442	COMP+CAN	1/4	6.0 TPG (m)		U A
3331	COMP+CAN	3/16	5.0 TTG (MC)		U A	3259	COMP+CAN	3/8	10.0 TPG (m)		U A
3332	COMP+CAN	1/4	6.0 TTG (MC)		U A	2210	COMP+CAN	1/8	3.0 TTG (MC)		U A
8407	COMP+CAN	5/16	8.0 TTG		U A	2216	COMP+CAN	5/32	4.0 TTG		U A
3333	COMP+CAN	3/8	10.0 TTG (MC)		U A	2211	COMP+CAN	3/16	5.0 TTG (MC)		U A
3334	COMP+CAN	1/2	12.0 TTG		U A	2212	COMP+CAN	1/4	6.0 TTG (MC)		U A
4390	COMP+CAN	5/8	16.0 TTG		U A	2213	COMP+CAN	3/8	10.0 TTG		U A
3335	COMP+CAN	3/4	19.0 TTG		U A	2214	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Denver, CO:						7250	COMP+CAN	5/8	16.0 TTG		U A
3317	COMP+CAN	1/8	3.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Langley, British Columbia:					
3318	COMP+CAN	5/32	4.0 TPG (d)		U A	3295	COMP+CAN	1/8	3.0 TPG (m)		U A
3319	COMP+CAN	3/16	5.0 TPG (m)		U A	3296	COMP+CAN	5/32	4.0 TPG (d)		U A
3321	COMP+CAN	3/8	10.0 TPG (m)		U A	3297	COMP+CAN	3/16	5.0 TPG (d)		U A
3310	COMP+CAN	1/8	3.0 TTG (MC)		U A	4710	COMP+CAN	3/8	10.0 TPG (s)		U A
3311	COMP+CAN	5/32	4.0 TTG		U A	3286	COMP+CAN	1/8	3.0 TTG (MC)		U A
3312	COMP+CAN	3/16	5.0 TTG (MC)		U A	3287	COMP+CAN	5/32	4.0 TTG (MC)		U A
3313	COMP+CAN	1/4	6.0 TTG (MC)		U A	3288	COMP+CAN	3/16	5.0 TTG (MC)		U A
3314	COMP+CAN	3/8	10.0 TTG		U A	3289	COMP+CAN	1/4	6.0 TTG (MC)		U A
3315	COMP+CAN	1/2	12.0 TTG		U A	3290	COMP+CAN	5/16	8.0 TTG (MC)		U A
Oldcastle BuildingEnvelope® ; Fremont, CA:						3291	COMP+CAN	3/8	10.0 TTG		U A
3199	COMP+CAN	1/8	3.0 TPG (s)		U A	3292	COMP+CAN	1/2	12.0 TTG		U A
3201	COMP+CAN	3/16	5.0 TPG (m)		U A	3293	COMP+CAN	5/8	16.0 TTG		U A
3907	COMP+CAN	1/4	6.0 TPG (m)		U A	3294	COMP+CAN	3/4	19.0 TTG		U A
3203	COMP+CAN	3/8	10.0 TPG (m)		U A	Oldcastle BuildingEnvelope® ; Miami, FL:					
3191	COMP+CAN	1/8	3.0 TTG		U A	3502	COMP+CAN	3/16	5.0 TPG (m)		U A
3192	COMP+CAN	5/32	4.0 TTG		U A	4477	COMP+CAN	1/4	6.0 TPG (d)		U A
3193	COMP+CAN	3/16	5.0 TTG		U A	3503	COMP+CAN	3/8	10.0 TPG (s)		U A
3194	COMP+CAN	1/4	6.0 TTG (MC)		U A	7847	COMP+CAN	5/32	4.0 TTG		U A
5387	COMP+CAN	5/16	8.0 TTG		U A	3497	COMP+CAN	3/16	5.0 TTG		U A
3195	COMP+CAN	3/8	10.0 TTG		U A	3498	COMP+CAN	1/4	6.0 TTG (MC)		U A
3196	COMP+CAN	1/2	12.0 TTG		U A	7848	COMP+CAN	5/16	8.0 TTG		U A
4458	COMP+CAN	5/8	16.0 TTG		U A	3499	COMP+CAN	3/8	10.0 TTG		U A
3197	COMP+CAN	3/4	19.0 TTG		U A	3500	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Grand Prairie, TX:						7849	COMP+CAN	5/8	16.0 TTG		U A
3426	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A	7850	COMP+CAN	3/4	19.0 TTG		U A
IN						Oldcastle BuildingEnvelope® ; Moorestown, NJ:					
3427	COMP+CAN	3/16	5.0 TPG (s)		U A	3186	COMP+CAN	1/8	3.0 TPG (s)		U A
3428	COMP+CAN	3/8	10.0 TPG (s)		U A	3188	COMP+CAN	3/16	5.0 TPG (m)		U A
3250	COMP+CAN	1/8	3.0 TTG (MC)		U A	3189	COMP+CAN	1/4	6.0 TPG (s)		U A
3252	COMP+CAN	3/16	5.0 TTG		U A	3190	COMP+CAN	3/8	10.0 TPG (m)(IN)		U A
3253	COMP+CAN	1/4	6.0 TTG (MC)		U A	IN					
3255	COMP+CAN	3/8	10.0 TTG		U A	3180	COMP+CAN	1/8	3.0 TTG (MC)		U A
3256	COMP+CAN	1/2	12.0 TTG		U A	3182	COMP+CAN	3/16	5.0 TTG (MC)		U A
7039	COMP+CAN	5/8	16.0 TTG (IN)		U A	3183	COMP+CAN	1/4	6.0 TTG (MC)		U A
IN						3184	COMP+CAN	3/8	10.0 TTG		U A
Oldcastle BuildingEnvelope® ; Hauppauge, NY:						3185	COMP+CAN	1/2	12.0 TTG		U A
1546	COMP+CAN	1/8	3.0 TTG (MC)		U A	4054	COMP+CAN	5/8	16.0 TTG		U A
1547	COMP+CAN	3/16	5.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Perrysburg, OH:					
1548	COMP+CAN	1/4	6.0 TTG (MC)		U A	3243	COMP+CAN	3/16	5.0 TPG (s)		U A
4180	COMP+CAN	5/16	8.0 TTG (MC)		U A	3244	COMP+CAN	1/4	6.0 TPG (m)		U A
1549	COMP+CAN	3/8	10.0 TTG (MC)		U A	3233	COMP+CAN	1/8	3.0 TTG (MC)		U A
1550	COMP+CAN	1/2	12.0 TTG		U A	3234	COMP+CAN	5/32	4.0 TTG (IN)		U A
Oldcastle BuildingEnvelope® ; Houston, TX:						IN					
7914	COMPOSITE	3/16	5.0 TPG (s)		U A	3235	COMP+CAN	3/16	5.0 TTG (MC)		U A
7915	COMPOSITE	3/8	10.0 TPG (s)		U A	3236	COMP+CAN	1/4	6.0 TTG (MC)		U A
7909	COMPOSITE	5/32	4.0 TTG		U A	4443	COMP+CAN	5/16	8.0 TTG		U A
7910	COMPOSITE	3/16	5.0 TTG		U A	3237	COMP+CAN	3/8	10.0 TTG		U A
6728	COMPOSITE	1/4	6.0 TTG (MC)		U A	3238	COMP+CAN	1/2	12.0 TTG		U A
7911	COMPOSITE	5/16	8.0 TTG		U A	3239	COMP+CAN	5/8	16.0 TTG		U A
6729	COMPOSITE	3/8	10.0 TTG		U A	3240	COMP+CAN	3/4	19.0 TTG		U A
6730	COMPOSITE	1/2	12.0 TTG		U A	Oldcastle BuildingEnvelope® ; Phoenix, AZ:					
7912	COMPOSITE	5/8	16.0 TTG		U A	3136	COMP+CAN	3/16	5.0 TPG (m)		U A
7913	COMPOSITE	3/4	19.0 TTG		U A	3999	COMP+CAN	1/4	6.0 TPG (m)		U A
Oldcastle BuildingEnvelope® ; Indianapolis, IN:						3729	COMP+CAN	3/8	10.0 TPG (m)		U A
2215	COMP+CAN	3/16	5.0 TPG (m)		U A	3128	COMP+CAN	1/8	3.0 TTG (MC)		U A
						3130	COMP+CAN	3/16	5.0 TTG (MC)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
3131	COMP+CAN	1/4	6.0 TTG (MC)		U A	P&C Tempered Glass, LLC. ; Medley, FL:					
3132	COMP+CAN	3/8	10.0 TTG		U A	8342	COMPOSITE	1/4	6.0 TTG		U A
3133	COMP+CAN	1/2	12.0 TTG		U A	8343	COMPOSITE	3/8	10.0 TTG		U A
6394	COMP+CAN	3/4	19.0 TTG		U A	8542	COMPOSITE	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Rock Hill, SC:						PAN- DUR Glass GmbH ; Ilmenau, Thuringen:					
3281	COMP+CAN	1/8	3.0 TPG (s)(IN)		U A	6738	COMPOSITE	5/32	4.0 TTG (MC)		U A
IN						6739	COMPOSITE	1/4	6.0 TTG		U A
4396	COMP+CAN	5/32	4.0 TPG (d)(IN)		U A	Panasonic Housing Solutions Co., Ltd. ; Oyabe, Toyama:					
IN						8731	COMPOSITE	1/4	6.0 VIGT (MC)		U A
9728	COMP+CAN	1/4	6.0 TPG (s)		U A	8561	COMPOSITE	5/16	8.0 VIGT (MC)		U A
3285	COMP+CAN	3/8	10.0 TPG (d)		U A	Panoramic Doors LLC ; Fort Worth, TX:					
3276	COMP+CAN	1/8	3.0 TTG (IN)		U A	8198	COMP+CAN	5/32	4.0 TTG (MC)		U A
IN						8504	COMP+CAN	3/16	5.0 TTG (MC)		U A
3462	COMP+CAN	5/32	4.0 TTG (MC)		U A	Paragon Tempered Glass ; Antwerp, OH:					
3277	COMP+CAN	3/16	5.0 TTG (MC)		U A	5242	COMPOSITE	3/16	5.0 TBG		U A
3278	COMP+CAN	1/4	6.0 TTG (MC)		U A	8863	COMPOSITE	1/4	6.0 TBG		34X4 0 A
4787	COMP+CAN	5/16	8.0 TTG (IN)		U A	2684	COMPOSITE	1/8	3.0 TTG (MC)		U A
IN						2685	COMPOSITE	5/32	4.0 TTG		U A
3279	COMP+CAN	3/8	10.0 TTG		U A	2686	COMPOSITE	3/16	5.0 TTG (MC)		U A
3280	COMP+CAN	1/2	12.0 TTG		U A	2687	COMPOSITE	1/4	6.0 TTG (MC)		U A
Oldcastle BuildingEnvelope® ; Schofield, WI:						Patio Enclosures ; Macedonia, OH:					
3178	COMP+CAN	3/16	5.0 TPG (d)		U A	7843	COMP+CAN	1/8	3.0 TTG (MC)		U A
3167	COMP+CAN	1/8	3.0 TTG (MC)		U A	8670	COMP+CAN	5/32	4.0 TTG (MC)		U A
3168	COMP+CAN	5/32	4.0 TTG (MC)		U A	Patriot Armored Systems, LLC ; Lee, MA:					
3169	COMP+CAN	3/16	5.0 TTG (MC)		U A	6688	COMPOSITE	1/8	3.0 TTG		U A
3170	COMP+CAN	1/4	6.0 TTG (MC)		U A	6689	COMPOSITE	3/16	5.0 TTG		U A
3171	COMP+CAN	5/16	8.0 TTG (MC)		U A	6690	COMPOSITE	1/4	6.0 TTG (MC)		U A
3172	COMP+CAN	3/8	10.0 TTG (MC)		U A	6691	COMPOSITE	3/8	10.0 TTG		U A
3173	COMP+CAN	1/2	12.0 TTG		U A	Perficom S.A. DE C.V. ; San Juan Del Rio, Queretaro:					
Oldcastle BuildingEnvelope® ; Warrenton, MO:						4512	COMPOSITE	1/8	3.0 TTG (MC)		U A
3152	COMP+CAN	5/32	4.0 TPG (s)		U A	9174	COMPOSITE	1/4	6.0 TTG		U A
3153	COMP+CAN	3/16	5.0 TPG (m)		U A	9185	COMPOSITE	1/2	12.0 TTG		U A
3154	COMP+CAN	1/4	6.0 TPG (m)		U A	PFG Glass ; Langley, British Columbia:					
3155	COMP+CAN	3/8	10.0 TPG (d)		U A	3547	COMP+CAN	1/8	3.0 TPG (s)		U A
3144	COMP+CAN	1/8	3.0 TTG (MC)		U A	3548	COMP+CAN	5/32	4.0 TPG (m)		U A
3145	COMP+CAN	5/32	4.0 TTG		U A	3549	COMP+CAN	3/16	5.0 TPG (s)		U A
3146	COMP+CAN	3/16	5.0 TTG (MC)		U A	3711	COMP+CAN	1/4	6.0 TPG (s)		U A
3147	COMP+CAN	1/4	6.0 TTG (MC)		U A	3538	COMP+CAN	1/8	3.0 TTG (MC)		U A
3796	COMP+CAN	5/16	8.0 TTG		U A	3539	COMP+CAN	5/32	4.0 TTG (MC)		U A
3148	COMP+CAN	3/8	10.0 TTG		U A	3540	COMP+CAN	3/16	5.0 TTG (MC)		U A
3149	COMP+CAN	1/2	12.0 TTG		U A	3542	COMP+CAN	5/16	8.0 TTG		U A
5904	COMP+CAN	5/8	16.0 TTG		U A	3543	COMP+CAN	3/8	10.0 TTG		U A
Oldcastle BuildingEnvelope® ; Wright City, MO:						3544	COMP+CAN	1/2	12.0 TTG		U A
3137	COMP+CAN	1/8	3.0 TTG (MC)		U A	PGT Industries ; North Venice, FL:					
3138	COMP+CAN	5/32	4.0 TTG		U A	3880	COMPOSITE	1/8	3.0 TPG (s)		U A
3139	COMP+CAN	3/16	5.0 TTG (MC)		U A	3881	COMPOSITE	3/16	5.0 TPG (s)		U A
3140	COMP+CAN	1/4	6.0 TTG (MC)		U A	2389	COMPOSITE	1/8	3.0 TTG (MC)		U A
3141	COMP+CAN	5/16	8.0 TTG (MC)		U A	2390	COMPOSITE	3/16	5.0 TTG (MC)		U A
3142	COMP+CAN	3/8	10.0 TTG (MC)		U A	2391	COMPOSITE	1/4	6.0 TTG (MC)		U A
3143	COMP+CAN	1/2	12.0 TTG		U A	Philly Glass Industry Inc. ; Philadelphia, PA:					
Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec:						7652	COMP+CAN	3/16	5.0 TTG (MC)		U A
4247	COMP+CAN	5/32	4.0 TTG		U A	7653	COMP+CAN	1/4	6.0 TTG (MC)		U A
1997	COMP+CAN	3/16	5.0 TTG		U A	7654	COMP+CAN	3/8	10.0 TTG		U A
2543	COMP+CAN	1/4	6.0 TTG (MC)		U A	7655	COMP+CAN	1/2	12.0 TTG		U A
2884	COMP+CAN	5/16	8.0 TTG		U A	7656	COMP+CAN	5/8	16.0 TTG (IN)		U A
2544	COMP+CAN	3/8	10.0 TTG		U A	IN					
2062	COMP+CAN	1/2	12.0 TTG		U A	7657	COMP+CAN	3/4	19.0 TTG (IN)		U A
7397	COMP+CAN	5/8	16.0 TTG		U A	Pilkington IGP Sp. z.o.o. Branch Skierniewice, Poland ; Skierniewice, Poland:					
7398	COMP+CAN	3/4	19.0 TTG		U A	10114	COMP+CAN	5/32	4.0 TTG (MC)		U A
Opulux Glass ; East Hanover, NJ:						10115	COMP+CAN	1/4	6.0 TTG (MC)		U A
8450	COMP+CAN	3/16	5.0 TTG (MC)		U A						
8451	COMP+CAN	1/4	6.0 TTG (MC)		U A						
8452	COMP+CAN	3/8	10.0 TTG		U A						
8453	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
10116	COMP+CAN	5/16	8.0 TTG (MC)		U A	Press Glass Inc. ; Ridgeway, VA:					
10117	COMP+CAN	3/8	10.0 TTG (MC)		U A	7810	COMP+CAN	3/16	5.0 TTG (MC)		U A
Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan:						7811	COMP+CAN	1/4	6.0 TTG (MC)		U A
8100	COMP+CAN	3/16	5.0 TTG		U A	7812	COMP+CAN	5/16	8.0 TTG (MC)		U A
Polflam Sp. zo.o. ; Tarczyn, Mazowieckie:						7813	COMP+CAN	3/8	10.0 TTG (MC)		U A
10058	COMP+CAN	5/32	4.0 TTG		U A	7814	COMP+CAN	1/2	12.0 TTG		U A
10059	COMP+CAN	3/16	5.0 TTG		U A	7815	COMP+CAN	5/8	16.0 TTG		U A
10060	COMP+CAN	1/4	6.0 TTG		U A	7816	COMP+CAN	3/4	19.0 TTG		U A
10061	COMP+CAN	5/16	8.0 TTG		U A	PRESS GLASS SP ZOO ; Radomsko, Poland:					
10062	COMP+CAN	3/8	10.0 TTG		U A	5845	COMP+CAN	5/32	4.0 TTG (MC)		U A
10063	COMP+CAN	1/2	12.0 TTG		U A	6963	COMP+CAN	3/16	5.0 TTG (MC)		U A
Portland Glass Manufacturing ; Clackamas, OR:						5846	COMP+CAN	1/4	6.0 TTG (MC)		U A
6372	COMPOSITE	1/4	6.0 TTG (MC)		U A	5847	COMP+CAN	5/16	8.0 TTG (MC)		U A
6373	COMPOSITE	3/8	10.0 TTG		U A	5848	COMP+CAN	3/8	10.0 TTG (MC)		U A
6510	COMPOSITE	1/2	12.0 TTG		U A	5849	COMP+CAN	1/2	12.0 TTG (MC)		U A
Precision Glass Bending Corporation ; Greenwood, AR:						5850	COMP+CAN	*	15.0 TTG (4)		U A
7149	COMP+CAN	1/4	6.0 TBG (IN)		U A	PRESS GLASS SP ZOO ; Tychy, Poland:					
7150	COMP+CAN	3/8	10.0 TBG (IN)		U A	7509	COMP+CAN	3/16	5.0 TBG		U A
7151	COMP+CAN	1/2	12.0 TBG (IN)		U A	7510	COMP+CAN	1/4	6.0 TBG		U A
7152	COMP+CAN	5/8	16.0 TBG (IN)		U A	7511	COMP+CAN	5/16	8.0 TBG		U A
7153	COMP+CAN	3/4	19.0 TBG (IN)		U A	7512	COMP+CAN	3/8	10.0 TBG		U A
Precision Glass Industries ; Houston, TX:						7513	COMP+CAN	*	12.0 TBG (2)		U A
8992	COMPOSITE	3/16	5.0 TPG (m)		U A	7514	COMP+CAN	*	15.0 TBG (2)		U A
7605	COMPOSITE	3/8	10.0 TPG (s)		U A	5852	COMP+CAN	5/32	4.0 TTG (MC)		U A
6886	COMPOSITE	3/16	5.0 TTG		U A	6404	COMP+CAN	3/16	5.0 TTG (MC)		U A
6887	COMPOSITE	1/4	6.0 TTG (MC)		U A	5853	COMP+CAN	1/4	6.0 TTG (MC)		U A
6888	COMPOSITE	3/8	10.0 TTG		U A	5854	COMP+CAN	5/16	8.0 TTG (MC)		U A
6889	COMPOSITE	1/2	12.0 TTG		U A	5855	COMP+CAN	3/8	10.0 TTG (MC)		U A
Prelco Inc. ; Riviere-du-loup, Quebec:						5856	COMP+CAN	1/2	12.0 TTG (MC)		U A
2034	COMP+CAN	1/8	3.0 TTG (MC)		U A	5857	COMP+CAN	*	15.0 TTG (4)		U A
2035	COMP+CAN	5/32	4.0 TTG (MC)		U A	PRESS GLASS UAB ; Kauno r., Lithuania:					
2713	COMP+CAN	3/16	5.0 TTG (MC)		U A	10259	COMP+CAN	5/32	4.0 TTG (MC)		U A
7800	COMP+CAN	1/4	6.0 TTG (MC)		U A	10260	COMP+CAN	3/16	5.0 TTG (MC)		U A
2751	COMP+CAN	5/16	8.0 TTG (MC)		U A	10261	COMP+CAN	1/4	6.0 TTG (MC)		U A
2381	COMP+CAN	3/8	10.0 TTG (MC)		U A	10262	COMP+CAN	5/16	8.0 TTG (MC)		U A
2048	COMP+CAN	1/2	12.0 TTG		U A	10263	COMP+CAN	3/8	10.0 TTG (MC)		U A
Prelco Inc. ; Saint-Jacques, New Brunswick:						PRL Glass Systems ; City of Industry, CA:					
4912	COMP+CAN	5/32	4.0 TTG (MC)		U A	6508	COMPOSITE	1/4	6.0 TTG (MC)		U A
4913	COMP+CAN	3/16	5.0 TTG (MC)		U A	Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro:					
4914	COMP+CAN	1/4	6.0 TTG (MC)		U A	6716	COMPOSITE	1/8	3.0 TTG (MC)		U A
4915	COMP+CAN	5/16	8.0 TTG		U A	6717	COMPOSITE	1/4	6.0 TTG (MC)		U A
4916	COMP+CAN	3/8	10.0 TTG		U A	Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco:					
4917	COMP+CAN	1/2	12.0 TTG		U A	6718	COMPOSITE	1/4	6.0 TTG		U A
5610	COMP+CAN	5/8	16.0 TTG		U A	6719	COMPOSITE	3/8	10.0 TTG		U A
5611	COMP+CAN	3/4	19.0 TTG		U A	6720	COMPOSITE	*	12.0 TTG (4)		U A
Prelco MTL Inc. ; Montreal, Quebec:						Procesadora de Ventanas SA de CV ; Parque Industrial Escobedo, Nuevo Leon:					
7481	COMP+CAN	5/32	4.0 TTG (MC)		U A	10159	COMP+CAN	1/4	6.0 TTG (MC)		U A
7482	COMP+CAN	3/16	5.0 TTG (MC)		U A	10158	COMP+CAN	3/8	10.0 TTG		U A
7483	COMP+CAN	1/4	6.0 TTG (MC)		U A	Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon:					
7484	COMP+CAN	5/16	8.0 TTG (MC)		U A	6517	COMPOSITE	1/4	6.0 TTG		U A
7485	COMP+CAN	3/8	10.0 TTG		U A	6518	COMPOSITE	3/8	10.0 TTG		U A
Premier Glass Products ; Atlanta, GA:						Produits Verrier International Inc. ; Montreal, Quebec:					
8837	COMP+CAN	1/4	6.0 TBG		U A	5504	COMP+CAN	1/8	3.0 TPG (m)		U A
8838	COMP+CAN	3/8	10.0 TBG		U A	5505	COMP+CAN	3/16	5.0 TPG (m)		U A
8839	COMP+CAN	1/2	12.0 TBG		U A	5498	COMP+CAN	1/8	3.0 TTG (MC)		U A
8562	COMP+CAN	3/16	5.0 TTG		U A	5499	COMP+CAN	5/32	4.0 TTG (MC)		U A
8377	COMP+CAN	1/4	6.0 TTG		U A	5500	COMP+CAN	3/16	5.0 TTG (MC)		U A
8378	COMP+CAN	3/8	10.0 TTG		U A	5501	COMP+CAN	1/4	6.0 TTG (MC)		U A
8379	COMP+CAN	1/2	12.0 TTG		U A	7844	COMP+CAN	5/16	8.0 TTG		U A
						5502	COMP+CAN	3/8	10.0 TTG (MC)		U A
						5503	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
ProTemp Glass, Inc. ; Concord, Ontario:						Qinhuangdao Entrylite Technology Co.,Ltd. ; Qinhuangdao, Hebei:					
7410	COMP+CAN	5/32	4.0 TTG (MC)		U A	9872	COMPOSITE	1/8	3.0 TPG (s)		U A
7411	COMP+CAN	3/16	5.0 TTG (MC)		U A	9870	COMPOSITE	1/8	3.0 TTG (MC)		U A
7382	COMP+CAN	1/4	6.0 TTG (MC)		U A	9871	COMPOSITE	5/32	4.0 TTG (MC)		U A
7312	COMP+CAN	5/16	8.0 TTG (MC)		U A	Qinhuangdao Huaguang Technology Glass Co., Ltd. ; Qinhuangdao, Hebei:					
7313	COMP+CAN	3/8	10.0 TTG		U A	8352	COMPOSITE	1/8	3.0 TTG (MC)		U A
7314	COMP+CAN	1/2	12.0 TTG (MC)		U A	Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao, Hebei:					
7315	COMP+CAN	5/8	16.0 TTG		U A	5280	COMP+CAN	1/8	3.0 TTG (MC)		U A
7316	COMP+CAN	3/4	19.0 TTG		U A	Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:					
Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz:						5141	COMPOSITE	1/8	3.0 TTG (MC)		U A
9862	COMP+CAN	1/4	6.0 TPG (s)		U A	Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:					
9084	COMP+CAN	5/32	4.0 TTG		U A	10163	COMP+CAN	5/32	4.0 TPG (d)		U A
9081	COMP+CAN	1/4	6.0 TTG		U A	Qinhuangdao Shengrui Glass Processing CO., LTD. ; Qinhuangdao, Hebei:					
9082	COMP+CAN	5/16	8.0 TTG		U A	8664	COMPOSITE	1/8	3.0 TTG (MC)		U A
9083	COMP+CAN	3/8	10.0 TTG		U A	QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei:					
PT Abebersa Pratama ; Bekasi, Indonesia:						3690	COMPOSITE	1/8	3.0 TTG (MC)		U A
8000	COMPOSITE	5/32	4.0 TPG (s)		U A	9195	COMPOSITE	5/32	4.0 TTG (MC)		U A
3905	COMPOSITE	5/32	4.0 TTG (MC)		U A	Quaker Window Products, Inc. ; Freeburg, MO:					
3906	COMPOSITE	3/16	5.0 TTG		U A	2968	COMP+CAN	1/8	3.0 TPG (m)		U A
Pulp Studio, Inc. ; Gardena, CA:						2969	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A
7860	COMP+CAN	3/16	5.0 TTG (MC)		U A	3486	COMP+CAN	3/16	5.0 TPG (m)		U A
6416	COMP+CAN	1/4	6.0 TTG (MC)		U A	2970	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
7807	COMP+CAN	3/8	10.0 TTG		U A	2985	COMP+CAN	1/8	3.0 TTG (MC)		U A
7808	COMP+CAN	1/2	12.0 TTG		U A	5297	COMP+CAN	5/32	4.0 TTG (MC)		U A
Qianse Acrylic Co., LTD. ; Dongguan, Guangdong Province:						2986	COMP+CAN	3/16	5.0 TTG (MC)		U A
7247	ANSI ONLY	1/8	3.0 SPS		U A	3485	COMP+CAN	1/4	6.0 TTG (MC)		U A
Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong Province:						7935	COMP+CAN	5/16	8.0 TTG		U A
9073	COMP+CAN	3/16	5.0 TTG		U A	Quality Enclosures ; Central Islip, NY:					
8349	COMP+CAN	1/4	6.0 TTG		U A	6444	COMP+CAN	3/16	5.0 TPG (s)		U A
9074	COMP+CAN	5/16	8.0 TTG		U A	6445	COMP+CAN	1/4	6.0 TPG (s)		U A
8350	COMP+CAN	3/8	10.0 TTG		U A	6446	COMP+CAN	3/8	10.0 TPG (m)		U A
Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong Province:						6440	COMP+CAN	3/16	5.0 TTG		U A
8516	COMP+CAN	1/4	6.0 TTG		U A	6441	COMP+CAN	1/4	6.0 TTG		U A
8517	COMP+CAN	3/8	10.0 TTG		U A	6442	COMP+CAN	3/8	10.0 TTG		U A
8518	COMP+CAN	1/2	12.0 TTG		U A	6443	COMP+CAN	1/2	12.0 TTG		U A
Qingdao Himalaya Building Materials Co., Ltd ; Jiaozhou City Qindao, Shandong Province:						Quality Enclosures Inc. ; Albemarle, NC:					
10012	COMP+CAN	1/2	12.0 TTG		U A	9926	COMPOSITE	3/16	5.0 TPG (m)		U A
Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong Province:						9927	COMPOSITE	1/4	6.0 TPG (m)		U A
6776	COMP+CAN	1/8	3.0 TTG		U A	9928	COMPOSITE	3/8	10.0 TPG (s)		U A
6777	COMP+CAN	5/32	4.0 TTG		U A	9922	COMPOSITE	3/16	5.0 TTG		U A
Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong Province:						9923	COMPOSITE	1/4	6.0 TTG		U A
8410	COMP+CAN	1/4	6.0 TTG		U A	9924	COMPOSITE	3/8	10.0 TTG		U A
7681	COMP+CAN	*	12.0 TTG (3)		U A	9925	COMPOSITE	1/2	12.0 TTG		U A
Qingdao Laurel Glass Technology Co., Ltd ; Zibo City, Shandong Province:						Quality Enclosures Tempering, Inc. ; Port Orange, FL:					
7125	COMP+CAN	1/8	3.0 TTG		U A	6247	COMPOSITE	3/16	5.0 TPG (m)		U A
7110	COMP+CAN	5/32	4.0 TTG		U A	6248	COMPOSITE	1/4	6.0 TPG (s)		U A
8063	COMP+CAN	1/4	6.0 TTG		U A	6249	COMPOSITE	3/8	10.0 TPG (s)		U A
8019	COMP+CAN	5/16	8.0 TTG		U A	6243	COMPOSITE	3/16	5.0 TTG		U A
7126	COMP+CAN	3/8	10.0 TTG		U A	6244	COMPOSITE	1/4	6.0 TTG		U A
8020	COMP+CAN	1/2	12.0 TTG		U A	6245	COMPOSITE	3/8	10.0 TTG		U A
Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong Province:						6246	COMPOSITE	1/2	12.0 TTG		U A
8529	COMP+CAN	*	3.0 TTG (3)		U A	Quality Glass & Mirror, Inc. ; Mount Prospect, IL:					
8530	COMP+CAN	5/32	4.0 TTG		U A	8914	COMPOSITE	5/32	4.0 TTG		U A
8531	COMP+CAN	3/16	5.0 TTG		U A	8915	COMPOSITE	3/16	5.0 TTG		U A
8532	COMP+CAN	1/4	6.0 TTG		U A	8916	COMPOSITE	1/4	6.0 TTG		U A
8216	COMP+CAN	3/8	10.0 TTG		U A	8917	COMPOSITE	3/8	10.0 TTG		U A
Qingdao Runya Glass Products Co., LTD ; Qingdao, Shandong Province:						8918	COMPOSITE	1/2	12.0 TTG		U A
8620	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Quality Glass Fabrication, Inc. ; Manning, SC:						S.F. Tempering ; Pompano Beach, FL:					
9878	COMP+CAN	5/32	4.0 TPG (m)		U A	10250	COMP+CAN	3/8	10.0 TPG (m)		U A
9879	COMP+CAN	3/16	5.0 TPG (m)		U A	10252	COMP+CAN	3/16	5.0 TPG		U A
9880	COMP+CAN	1/4	6.0 TPG (m)		U A	10253	COMP+CAN	1/4	6.0 TPG		U A
9881	COMP+CAN	3/8	10.0 TPG (s)		U A	10254	COMP+CAN	3/8	10.0 TPG		U A
9873	COMP+CAN	5/32	4.0 TPG		U A	10255	COMP+CAN	1/2	12.0 TPG		U A
9874	COMP+CAN	3/16	5.0 TPG		U A	SAAND Inc. ; Toronto, Ontario:					
9875	COMP+CAN	1/4	6.0 TPG		U A	2481	COMP+CAN	1/8	3.0 TPG		U A
9876	COMP+CAN	5/16	8.0 TPG		U A	2482	COMP+CAN	5/32	4.0 TPG		U A
9877	COMP+CAN	3/8	10.0 TPG		U A	3023	COMP+CAN	3/16	5.0 TPG (MC)		U A
Quest USA, Inc. ; Garland, TX:						2484	COMP+CAN	1/4	6.0 TPG (MC)		U A
10149	COMP+CAN	3/16	5.0 TPG		U A	4356	COMP+CAN	5/16	8.0 TPG		U A
7659	COMP+CAN	1/4	6.0 TPG (MC)		U A	4357	COMP+CAN	3/8	10.0 TPG		U A
10150	COMP+CAN	5/16	8.0 TPG (MC)		A	4358	COMP+CAN	1/2	12.0 TPG		U A
Ready Glass & Mirror, Inc. ; Hialeah, FL:						SAAND London ; London, Ontario:					
3745	COMPOSITE	3/16	5.0 TPG		U A	3978	COMP+CAN	1/8	3.0 TPG (MC)		U A
3746	COMPOSITE	1/4	6.0 TPG		U A	4278	COMP+CAN	5/32	4.0 TPG (MC)		U A
3747	COMPOSITE	3/8	10.0 TPG		U A	3979	COMP+CAN	3/16	5.0 TPG (MC)		U A
3748	COMPOSITE	1/2	12.0 TPG		U A	3980	COMP+CAN	1/4	6.0 TPG (MC)		U A
Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates:						7658	COMP+CAN	5/16	8.0 TPG		U A
4675	COMP+CAN	1/4	6.0 TPG		U A	3981	COMP+CAN	3/8	10.0 TPG		U A
4676	COMP+CAN	5/16	8.0 TPG		U A	7536	COMP+CAN	1/2	12.0 TPG		U A
4677	COMP+CAN	3/8	10.0 TPG		U A	SAAND Ottawa ; Stittsville, Ontario:					
Renin Canada Corp. ; Brampton, Ontario:						4949	COMP+CAN	1/8	3.0 TPG (MC)		U A
8318	COMP+CAN	1/4	6.0 TPG		U A	4950	COMP+CAN	5/32	4.0 TPG (MC)		U A
8278	COMP+CAN	3/8	10.0 TPG		U A	4951	COMP+CAN	3/16	5.0 TPG (MC)		U A
8319	COMP+CAN	1/2	12.0 TPG		U A	4952	COMP+CAN	1/4	6.0 TPG (MC)		U A
Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekoy:						4953	COMP+CAN	3/8	10.0 TPG		U A
8830	COMPOSITE	1/4	6.0 TPG		U A	4954	COMP+CAN	1/2	12.0 TPG		U A
8831	COMPOSITE	5/16	8.0 TPG		U A	SAAND Rexdale ; Rexdale, Ontario:					
8832	COMPOSITE	3/8	10.0 TPG		U A	4995	COMP+CAN	1/8	3.0 TPG		U A
8833	COMPOSITE	1/2	12.0 TPG		U A	4996	COMP+CAN	5/32	4.0 TPG		U A
Rider Glass Company Limited ; Qingdao, Shandong Province:						4997	COMP+CAN	3/16	5.0 TPG		U A
8624	COMP+CAN	1/8	3.0 TPG		U A	4998	COMP+CAN	1/4	6.0 TPG		U A
8625	COMP+CAN	5/32	4.0 TPG		U A	4999	COMP+CAN	3/8	10.0 TPG		U A
8464	COMP+CAN	3/16	5.0 TPG		U A	5000	COMP+CAN	1/2	12.0 TPG		U A
8465	COMP+CAN	1/4	6.0 TPG		U A	Saban Acikgoz Ins Malz San Tic AS ; Cerkezkoy, Tekirdag:					
8466	COMP+CAN	5/16	8.0 TPG		U A	9251	COMP+CAN	*	4.0 TPG (3)		U A
8467	COMP+CAN	3/8	10.0 TPG		U A	9252	COMP+CAN	*	5.0 TPG (3)		U A
8875	COMP+CAN	1/2	12.0 TPG		U A	9253	COMP+CAN	*	6.0 TPG (3)		U A
8876	COMP+CAN	*	15.0 TPG (3)		U A	9254	COMP+CAN	*	8.0 TPG (3)		U A
8877	COMP+CAN	3/4	19.0 TPG		U A	9255	COMP+CAN	*	10.0 TPG (3)		U A
Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong Province:						Sahti First ; Merced, CA:					
5566	COMP+CAN	5/32	4.0 TPG		U A	8983	COMP+CAN	1/8	3.0 TPG		U A
5567	COMP+CAN	3/16	5.0 TPG		U A	8984	COMP+CAN	3/16	5.0 TPG		U A
5568	COMP+CAN	1/4	6.0 TPG		U A	8985	COMP+CAN	1/4	6.0 TPG (MC)		U A
5569	COMP+CAN	5/16	8.0 TPG		U A	8986	COMP+CAN	3/8	10.0 TPG		U A
5570	COMP+CAN	3/8	10.0 TPG		U A	Saint-Gobain India Private Limited ; Sriperumbudur, Tamilnadu:					
5571	COMP+CAN	1/2	12.0 TPG		U A	10075	COMPOSITE	3/16	5.0 TPG		U A
5572	COMP+CAN	*	15.0 TPG (4)		U A	10076	COMPOSITE	1/4	6.0 TPG		U A
Robover Inc. ; Quebec City, Quebec:						10077	COMPOSITE	5/16	8.0 TPG		U A
5199	COMP+CAN	1/8	3.0 TPG (MC)		U A	10078	COMPOSITE	3/8	10.0 TPG		U A
5200	COMP+CAN	5/32	4.0 TPG (MC)		U A	10079	COMPOSITE	1/2	12.0 TPG		U A
5201	COMP+CAN	3/16	5.0 TPG (MC)		U A	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions ; Jaroszwiec, Poland:					
5202	COMP+CAN	1/4	6.0 TPG (MC)		U A	9256	COMP+CAN	*	4.0 TPG (3)(MC)		U A
5763	COMP+CAN	3/8	10.0 TPG		U A	9257	COMP+CAN	1/4	6.0 TPG (MC)		U A
5764	COMP+CAN	1/2	12.0 TPG		U A	9258	COMP+CAN	5/16	8.0 TPG (MC)		U A
Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Santa Catarina:						9259	COMP+CAN	3/8	10.0 TPG (MC)		U A
8103	COMP+CAN	5/32	4.0 TPG		U A	Saint-Gobain Polska SP. Z.O.O. Oddzial Glassolutions ; Brwinow, Poland:					
8192	COMP+CAN	1/4	6.0 TPG		U A	9301	COMP+CAN	5/32	4.0 TPG (MC)		U A
						9302	COMP+CAN	1/4	6.0 TPG (MC)		U A
						9303	COMP+CAN	5/16	8.0 TPG (MC)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
9304	COMP+CAN	3/8	10.0 TTG (MC)		U A	Shanghai Zhenzhen Glassware Co., LTD. ; Fengxian District, Shanghai:					
Saudi American Glass Company ; Riyadh, Saudi Arabia:						6125	COMP+CAN	1/4	6.0 TTG		U A
8500	COMPOSITE	1/4	6.0 TTG		U A	6126	COMP+CAN	3/8	10.0 TTG		U A
8501	COMPOSITE	5/16	8.0 TTG		U A	Shape Glass LLC. ; Sarasota, FL:					
Security Glass Ltd. ; Winnipeg, Manitoba:						6507	COMPOSITE	3/16	5.0 TPG (s)		U A
9976	COMP+CAN	1/8	3.0 TTG (MC)		U A	6947	COMPOSITE	3/8	10.0 TPG (s)		U A
9977	COMP+CAN	5/32	4.0 TTG (MC)		U A	6502	COMPOSITE	1/8	3.0 TTG		U A
9978	COMP+CAN	3/16	5.0 TTG (MC)		U A	6503	COMPOSITE	3/16	5.0 TTG		U A
9979	COMP+CAN	1/4	6.0 TTG (MC)		U A	6504	COMPOSITE	1/4	6.0 TTG		U A
9980	COMP+CAN	3/8	10.0 TTG (MC)		U A	6505	COMPOSITE	3/8	10.0 TTG		U A
10082	COMP+CAN	1/2	12.0 TTG		U A	6506	COMPOSITE	1/2	12.0 TTG		U A
10083	COMP+CAN	5/8	16.0 TTG		U A	Shenyang New North Glass Co., Ltd. ; Shenyang, Liaoning:					
10084	COMP+CAN	3/4	19.0 TTG		U A	10170	COMP+CAN	1/2	12.0 TTG		U A
Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX:						Shower Doors & More Inc. ; Fort Lauderdale, FL:					
7640	COMPOSITE	1/8	3.0 TTG		U A	5756	COMPOSITE	3/16	5.0 TTG		U A
8878	COMPOSITE	5/32	4.0 TTG (MC)		U A	5757	COMPOSITE	1/4	6.0 TTG		U A
7641	COMPOSITE	3/16	5.0 TTG (MC)		U A	5758	COMPOSITE	3/8	10.0 TTG		U A
7642	COMPOSITE	1/4	6.0 TTG		U A	5759	COMPOSITE	1/2	12.0 TTG		U A
Sfera SRL ; Meolo, Metropolitan City of Venice:						Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan:					
8087	COMP+CAN	5/32	4.0 TBG (MC)		U A	7050	COMPOSITE	3/16	5.0 TTG		U A
6079	COMP+CAN	1/4	6.0 TBG (MC)		U A	7051	COMPOSITE	1/4	6.0 TTG		U A
8086	COMP+CAN	5/16	8.0 TBG (MC)		U A	7052	COMPOSITE	5/16	8.0 TTG		U A
Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong Province:						7053	COMPOSITE	3/8	10.0 TTG		U A
9249	COMP+CAN	3/16	5.0 TTG		U A	7054	COMPOSITE	1/2	12.0 TTG		U A
ShanDong HaanGlas Co., LTD ; Tai'an, Shandong Province:						7055	COMPOSITE	*	15.0 TTG (4)		U A
9126	COMPOSITE	3/8	10.0 VIGT		U A	Sierra Glass Fabrication Inc. ; Sparks, NV:					
Shandong Jinjing Science & Technology Stock Co., Ltd. ; Zibo, Shandong Province:						7670	COMPOSITE	1/8	3.0 TTG (MC)		U A
10047	COMPOSITE	1/8	3.0 TTG		U A	6186	COMPOSITE	3/16	5.0 TTG (MC)		U A
9843	COMPOSITE	5/32	4.0 TTG		U A	SIGCO, Inc. ; Westbrook, ME:					
9844	COMPOSITE	3/8	10.0 TTG		U A	3028	COMPOSITE	3/16	5.0 TPG (m)		U A
9845	COMPOSITE	1/2	12.0 TTG		U A	4206	COMPOSITE	3/8	10.0 TPG (s)		U A
Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong Province:						2961	COMPOSITE	1/8	3.0 TTG (MC)		U A
7916	COMP+CAN	3/16	5.0 TPG (s)		U A	2962	COMPOSITE	5/32	4.0 TTG (MC)		U A
8312	COMP+CAN	1/4	6.0 TPG (s)		U A	2963	COMPOSITE	3/16	5.0 TTG (MC)		U A
8311	COMP+CAN	3/16	5.0 TTG		U A	2964	COMPOSITE	1/4	6.0 TTG (MC)		U A
7917	COMP+CAN	1/4	6.0 TTG		U A	5213	COMPOSITE	5/16	8.0 TTG		U A
7918	COMP+CAN	5/16	8.0 TTG		U A	2965	COMPOSITE	3/8	10.0 TTG		U A
7919	COMP+CAN	3/8	10.0 TTG		U A	2966	COMPOSITE	1/2	12.0 TTG		U A
Shandong Xingguan Glass Technology Co., Ltd. ; Weifang City, Shandong Province:						Simonton Windows ; Ellenboro, WV:					
10265	COMP+CAN	1/8	3.0 TTG		U A	5296	COMPOSITE	1/8	3.0 TPG (s)		U A
10266	COMP+CAN	5/32	4.0 TTG		U A	8411	COMPOSITE	3/16	5.0 TPG (s)		U A
9773	COMP+CAN	1/4	6.0 TTG		U A	2887	COMPOSITE	1/8	3.0 TTG (MC)		U A
9774	COMP+CAN	5/16	8.0 TTG		U A	2888	COMPOSITE	3/16	5.0 TTG (MC)		U A
Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong Province:						Simonton Windows ; Paris, IL:					
7335	COMP+CAN	3/16	5.0 TTG		U A	7251	COMPOSITE	1/8	3.0 TPG (m)		U A
7336	COMP+CAN	1/4	6.0 TTG		U A	9841	COMPOSITE	3/16	5.0 TPG (s)		U A
7337	COMP+CAN	3/8	10.0 TTG		U A	4979	COMPOSITE	1/8	3.0 TTG (MC)		U A
7338	COMP+CAN	*	12.0 TTG (3)		U A	4978	COMPOSITE	3/16	5.0 TTG (MC)		U A
Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai:						Sky Land Glass Corp. ; Richmond Hill, NY:					
9052	COMP+CAN	*	15.0 TTG (3)		U A	9189	COMPOSITE	3/16	5.0 TTG (MC)		U A
Shanghai SYP Engineering Glass ; Pudong, Shanghai:						9190	COMPOSITE	1/4	6.0 TTG (MC)		U A
4067	COMP+CAN	5/32	4.0 TTG (MC)		U A	9191	COMPOSITE	3/8	10.0 TTG		U A
4068	COMP+CAN	3/16	5.0 TTG (MC)		U A	9192	COMPOSITE	1/2	12.0 TTG		U A
4069	COMP+CAN	1/4	6.0 TTG (MC)		U A	9193	COMPOSITE	5/8	16.0 TTG (IN)		U A
4070	COMP+CAN	5/16	8.0 TTG (MC)		U A	IN					
4071	COMP+CAN	3/8	10.0 TTG (MC)		U A	9194	COMPOSITE	3/4	19.0 TTG (IN)		U A
4072	COMP+CAN	1/2	12.0 TTG (MC)		U A	Skyline Design ; Chicago, IL:					
4073	COMP+CAN	*	15.0 TTG (4)(MC)		U A	6347	COMP+CAN	1/4	6.0 TPG (s)		U A
						6350	COMP+CAN	1/2	12.0 TPG (s)		U A
						6340	COMP+CAN	1/4	6.0 TTG		U A
						6343	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras:						1556	COMPOSITE	3/16	5.0 TTG		U A
9967	COMP+CAN	3/16	5.0 TTG		U A	1557	COMPOSITE	1/4	6.0 TTG		U A
9968	COMP+CAN	1/4	6.0 TTG		U A	1558	COMPOSITE	3/8	10.0 TTG		U A
8585	COMP+CAN	3/8	10.0 TTG		U A	1559	COMPOSITE	1/2	12.0 TTG		U A
8586	COMP+CAN	1/2	12.0 TTG		U A	Syracuse Glass Company, LLC ; Syracuse, NY:					
Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico:						9177	COMP+CAN	5/32	4.0 TPG (s)		U A
4639	COMPOSITE	3/16	5.0 TTG		U A	9176	COMP+CAN	3/16	5.0 TPG (m)		U A
4645	COMPOSITE	1/4	6.0 TTG (MC)		U A	9175	COMP+CAN	3/8	10.0 TPG (s)		U A
4788	COMPOSITE	5/16	8.0 TTG		U A	2654	COMP+CAN	1/8	3.0 TTG (MC)		U A
4640	COMPOSITE	3/8	10.0 TTG		U A	9092	COMP+CAN	5/32	4.0 TTG (MC)		U A
4641	COMPOSITE	1/2	12.0 TTG		U A	2957	COMP+CAN	3/16	5.0 TTG (MC)		U A
4642	COMPOSITE	3/4	19.0 TTG		U A	2656	COMP+CAN	1/4	6.0 TTG (MC)		U A
South Bay Showers, Inc. ; Santa Clara, CA:						2958	COMP+CAN	3/8	10.0 TTG		U A
7254	COMPOSITE	3/8	10.0 TPG (s)		U A	2657	COMP+CAN	1/2	12.0 TTG		U A
7252	COMPOSITE	1/4	6.0 TTG		U A	Tacoma Glass Mfg. Inc. ; Burlington, WA:					
6927	COMPOSITE	3/8	10.0 TTG		U A	9291	COMP+CAN	1/8	3.0 TTG (MC)		U A
6928	COMPOSITE	1/2	12.0 TTG		U A	9292	COMP+CAN	5/32	4.0 TTG (MC)		U A
Southern Wholesale Glass, Inc. ; Americus, GA:						9293	COMP+CAN	3/16	5.0 TTG (MC)		U A
7349	COMPOSITE	1/4	6.0 TTG		U A	5165	COMPOSITE	1/4	6.0 TTG (MC)		U A
7350	COMPOSITE	3/8	10.0 TTG		U A	5166	COMPOSITE	3/8	10.0 TTG (MC)		U A
Specialty Glass Products ; Grand Rapids, MI:						5167	COMPOSITE	1/2	12.0 TTG (MC)		U A
9011	COMP+CAN	5/32	4.0 TTG		U A	Tacoma Glass Mfg. Inc. ; Tacoma, WA:					
9012	COMP+CAN	3/16	5.0 TTG		U A	8188	COMPOSITE	1/4	6.0 TTG (MC)		U A
9013	COMP+CAN	1/4	6.0 TTG		U A	8189	COMPOSITE	3/8	10.0 TTG		U A
9014	COMP+CAN	3/8	10.0 TTG		U A	8190	COMPOSITE	1/2	12.0 TTG		U A
9015	COMP+CAN	1/2	12.0 TTG		U A	Taicang Zhuogao Glass Product Co., Ltd. ; Taicang, Jiangsu:					
Splendor Shower Door ; Holland, OH:						9994	COMP+CAN	3/16	5.0 TTG		U A
7758	COMPOSITE	5/32	4.0 TPG (s)		U A	9995	COMP+CAN	1/4	6.0 TTG		U A
7759	COMPOSITE	3/16	5.0 TPG (m)		U A	9996	COMP+CAN	5/16	8.0 TTG		U A
7761	COMPOSITE	3/8	10.0 TPG (s)		U A	9997	COMP+CAN	3/8	10.0 TTG		U A
7753	COMPOSITE	5/32	4.0 TTG		U A	9998	COMP+CAN	*	12.0 TTG (3)		U A
7754	COMPOSITE	3/16	5.0 TTG		U A	Technical Glass Company ; Jeddah, Saudi Arabia:					
7755	COMPOSITE	1/4	6.0 TTG		U A	7952	COMP+CAN	1/4	6.0 TTG		U A
7756	COMPOSITE	3/8	10.0 TTG		U A	7953	COMP+CAN	5/16	8.0 TTG		U A
7757	COMPOSITE	1/2	12.0 TTG		U A	7954	COMP+CAN	3/8	10.0 TTG		U A
Star Glass Tempering LLC ; Elk Grove Village, IL:						7955	COMP+CAN	*	12.0 TTG (7)		U A
9717	COMP+CAN	1/4	6.0 TTG		U A	Techni-Glass LLC ; Surgoinsville, TN:					
9718	COMP+CAN	3/8	10.0 TTG		U A	3061	COMP+CAN	1/8	3.0 TPG (m)		U A
9719	COMP+CAN	1/2	12.0 TTG		U A	5050	COMP+CAN	5/32	4.0 TPG (m)		U A
Stargrup Cam A.S. ; Arnavutkoy, Istanbul:						2550	COMP+CAN	3/16	5.0 TPG (m)		U A
8219	COMP+CAN	5/32	4.0 TTG		U A	3060	COMP+CAN	1/4	6.0 TPG (s)		U A
8220	COMP+CAN	3/16	5.0 TTG		U A	2547	COMP+CAN	1/8	3.0 TTG (MC)(MC)		U A
6204	COMP+CAN	1/4	6.0 TTG		U A	2548	COMP+CAN	5/32	4.0 TTG		U A
7579	COMP+CAN	5/16	8.0 TTG		U A	2549	COMP+CAN	3/16	5.0 TTG		U A
6205	COMP+CAN	3/8	10.0 TTG		U A	2975	COMP+CAN	1/4	6.0 TTG		U A
6206	COMP+CAN	1/2	12.0 TTG		U A	3062	COMP+CAN	3/8	10.0 TTG		U A
Strong Tempering Glass Industry LLC ; Brooklyn, NY:						4509	COMP+CAN	1/2	12.0 TTG		U A
5939	COMPOSITE	3/16	5.0 TTG (MC)		U A	4510	COMP+CAN	5/8	16.0 TTG		U A
5940	COMPOSITE	1/4	6.0 TTG (MC)		U A	Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:					
5942	COMPOSITE	3/8	10.0 TTG		U A	10022	COMP+CAN	1/4	6.0 TBG		U A
5941	COMPOSITE	1/2	12.0 TTG		U A	10023	COMP+CAN	5/16	8.0 TBG		U A
Sunfire Glass, Inc. ; Medley, FL:						2133	COMP+CAN	1/8	3.0 TTG (MC)		U A
7038	COMPOSITE	3/16	5.0 TPG (s)		U A	2287	COMP+CAN	5/32	4.0 TTG (MC)		U A
7036	COMPOSITE	3/16	5.0 TTG		U A	1993	COMP+CAN	3/16	5.0 TTG (MC)		U A
7033	COMPOSITE	1/4	6.0 TTG		U A	1994	COMP+CAN	1/4	6.0 TTG (MC)		U A
Sunglas Technics Co., Ltd. ; Foshan, Guangdong Province:						2134	COMP+CAN	5/16	8.0 TTG (MC)		U A
8090	COMPOSITE	1/4	6.0 TTG		U A	1995	COMP+CAN	3/8	10.0 TTG (MC)		U A
9036	COMPOSITE	5/16	8.0 TTG		U A	2135	COMP+CAN	1/2	12.0 TTG		U A
9943	COMP+CAN	3/8	10.0 TTG		U A	2365	COMP+CAN	5/8	16.0 TTG		U A
Swift Glass Co., Inc. ; Elmira Heights, NY:						TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps:					
1555	COMPOSITE	1/8	3.0 TTG		U A	8535	COMPOSITE	1/4	6.0 TTG		U A
						8051	COMPOSITE	3/8	10.0 TTG		U A
						8050	COMPOSITE	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Temp Glass Inc. ; El Paso, TX:						9080	COMP+CAN	3/8	10.0 TTG (MC)		U A
6698	COMPOSITE	3/16	5.0 TTG		U A	The Glass Factory, LLC ; Donna, Texas:					
6699	COMPOSITE	1/4	6.0 TTG (MC)		U A	8889	COMPOSITE	1/4	6.0 TTG		U A
6700	COMPOSITE	3/8	10.0 TTG		U A	8890	COMPOSITE	3/8	10.0 TTG		U A
6701	COMPOSITE	1/2	12.0 TTG		U A	8891	COMPOSITE	1/2	12.0 TTG		U A
Tempco Glass ; Flushing, NY:						The Glass Guild Ltd. ; Calgary, Alberta:					
6715	COMPOSITE	1/8	3.0 TTG (MC)		U A	8631	COMP+CAN	5/32	4.0 TTG		U A
5010	COMPOSITE	3/16	5.0 TTG (MC)		U A	8632	COMP+CAN	3/16	5.0 TTG		U A
5011	COMPOSITE	1/4	6.0 TTG (MC)		U A	8633	COMP+CAN	1/4	6.0 TTG		U A
7285	COMPOSITE	5/16	8.0 TTG		U A	8634	COMP+CAN	3/8	10.0 TTG		U A
5012	COMPOSITE	3/8	10.0 TTG		U A	8635	COMP+CAN	1/2	12.0 TTG		U A
5013	COMPOSITE	1/2	12.0 TTG		U A	Thermafix A.J. Inc. ; Baie St. Paul, Quebec:					
Tempered Glass Inc. ; Chicago, IL:						8665	COMP+CAN	5/32	4.0 TPG (s)		U A
10050	COMP+CAN	1/4	6.0 TTG (MC)		U A	8326	COMP+CAN	1/8	3.0 TTG (MC)		U A
10051	COMP+CAN	3/8	10.0 TTG		U A	8327	COMP+CAN	5/32	4.0 TTG (MC)		U A
10052	COMP+CAN	*	12.0 TTG (4)		U A	8328	COMP+CAN	3/16	5.0 TTG (MC)		U A
Tempered Glass Industries, INC. ; Clearwater, FL:						8329	COMP+CAN	1/4	6.0 TTG (MC)		U A
8494	COMPOSITE	3/8	10.0 TPG (s)		U A	8330	COMP+CAN	3/8	10.0 TTG		U A
8490	COMPOSITE	5/32	4.0 TTG		U A	Thermal Seal Insulating Glass ; Uxbridge, MA:					
8979	COMPOSITE	3/16	5.0 TTG		U A	5730	COMPOSITE	1/8	3.0 TPG (s)		U A
8491	COMPOSITE	1/4	6.0 TTG		U A	5731	COMPOSITE	1/8	3.0 TTG (MC)		U A
8980	COMPOSITE	3/8	10.0 TTG		U A	5732	COMPOSITE	5/32	4.0 TTG (MC)		U A
8493	COMPOSITE	1/2	12.0 TTG		U A	5733	COMPOSITE	3/16	5.0 TTG (MC)		U A
Tempion Tempering Glass LLC. ; Brooklyn, NY:						5734	COMPOSITE	1/4	6.0 TTG (MC)		U A
9802	COMPOSITE	3/16	5.0 TTG		U A	5735	COMPOSITE	3/8	10.0 TTG		U A
9803	COMPOSITE	1/4	6.0 TTG (MC)		U A	5736	COMPOSITE	1/2	12.0 TTG		U A
9804	COMPOSITE	3/8	10.0 TTG		U A	Thermalsun Glass Products ; Santa Rosa, CA:					
9805	COMPOSITE	1/2	12.0 TTG		U A	10000	COMPOSITE	1/8	3.0 TTG (MC)		U A
Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato:						10001	COMPOSITE	5/32	4.0 TTG (MC)		U A
9079	COMP+CAN	3/16	5.0 TTG		U A	10002	COMPOSITE	3/16	5.0 TTG (MC)		U A
8966	COMP+CAN	1/4	6.0 TTG		U A	10003	COMPOSITE	1/4	6.0 TTG (MC)		U A
8967	COMP+CAN	3/8	10.0 TTG		U A	10004	COMPOSITE	3/8	10.0 TTG		U A
8968	COMP+CAN	1/2	12.0 TTG		U A	10005	COMPOSITE	1/2	12.0 TTG		U A
Templados Industriales S.A. de C.V. ; Chihuahua, Chihuahua:						Thermo BSL ; Riviere-du-loup, Quebec:					
7880	COMPOSITE	1/4	6.0 TTG (MC)		U A	4290	COMP+CAN	1/8	3.0 TTG (MC)		U A
7881	COMPOSITE	3/8	10.0 TTG		U A	4291	COMP+CAN	5/32	4.0 TTG (MC)		U A
Templex USA ; Palmetto, FL:						4292	COMP+CAN	3/16	5.0 TTG (MC)		U A
9687	COMP+CAN	1/4	6.0 TTG		U A	4293	COMP+CAN	1/4	6.0 TTG (MC)		U A
9688	COMP+CAN	3/8	10.0 TTG		U A	Thermos Rive Nord Inc. ; Terrebonne, Quebec:					
9689	COMP+CAN	*	12.0 TTG (4)		U A	10216	COMP+CAN	5/32	4.0 TTG (MC)		U A
Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong Province:						10217	COMP+CAN	3/16	5.0 TTG (MC)		U A
6424	COMP+CAN	5/32	4.0 TPG (s)		U A	10218	COMP+CAN	1/4	6.0 TTG (MC)		U A
6425	COMP+CAN	3/16	5.0 TPG (s)		U A	Therval ; Hermosillo, Sonora:					
6426	COMP+CAN	*	6.0 TPG (s)(4)		U A	9788	COMPOSITE	3/16	5.0 TTG		U A
10203	COMP+CAN	3/8	10.0 TPG (s)		U A	9787	COMPOSITE	1/4	6.0 TTG (MC)		U A
8861	COMP+CAN	5/32	4.0 TTG		U A	9789	COMPOSITE	3/8	10.0 TTG		U A
6418	COMP+CAN	3/16	5.0 TTG		U A	9790	COMPOSITE	*	12.0 TTG (3)		U A
6419	COMP+CAN	1/4	6.0 TTG		U A	Thompson I.G. LLC. ; Fenton, MI:					
6420	COMP+CAN	5/16	8.0 TTG		U A	5303	COMP+CAN	1/8	3.0 TTG (MC)		U A
6421	COMP+CAN	3/8	10.0 TTG		U A	8762	COMP+CAN	5/32	4.0 TTG		U A
6422	COMP+CAN	1/2	12.0 TTG (s)		U A	5304	COMP+CAN	3/16	5.0 TTG (MC)		U A
9776	COMP+CAN	*	15.0 TTG (3)		U A	5305	COMP+CAN	1/4	6.0 TTG (MC)		U A
9777	COMP+CAN	3/4	19.0 TTG		U A	8763	COMP+CAN	5/16	8.0 TTG		U A
TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu:						5298	COMP+CAN	3/8	10.0 TTG		U A
7446	COMP+CAN	3/16	5.0 TTG (MC)		U A	5299	COMP+CAN	1/2	12.0 TTG		U A
7447	COMP+CAN	1/4	6.0 TTG (MC)		U A	Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin:					
7448	COMP+CAN	5/16	8.0 TTG (MC)		U A	4021	COMP+CAN	5/32	4.0 TTG		U A
7449	COMP+CAN	3/8	10.0 TTG (MC)		U A	4022	COMP+CAN	3/16	5.0 TTG		U A
7450	COMP+CAN	1/2	12.0 TTG (MC)		U A	4023	COMP+CAN	1/4	6.0 TTG		U A
TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin:						4024	COMP+CAN	5/16	8.0 TTG		U A
8473	COMP+CAN	1/4	6.0 TTG (MC)		U A	4025	COMP+CAN	3/8	10.0 TTG		U A
8474	COMP+CAN	5/16	8.0 TTG (MC)		U A	4026	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
4027	COMP+CAN	*	15.0 TTG (4)		U A	6613	COMPOSITE	3/16	5.0 TTG (MC)		U A
4028	COMP+CAN	3/4	19.0 TTG		U A	5343	COMPOSITE	1/4	6.0 TTG (MC)		U A
Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin:						5344	COMPOSITE	3/8	10.0 TTG		U A
5220	COMPOSITE	5/16	8.0 TTG (MC)		U A	5345	COMPOSITE	1/2	12.0 TTG		U A
5221	COMPOSITE	*	12.0 TTG (3)(MC)		U A	5346	COMPOSITE	3/4	19.0 TTG		U A
Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin:						Trulite Glass and Aluminum Solutions ; Bradenton, FL:					
4075	COMP+CAN	3/16	5.0 TTG (MC)		U A	6189	COMPOSITE	3/16	5.0 TPG (s)		U A
4076	COMP+CAN	1/4	6.0 TTG (MC)		U A	6190	COMPOSITE	3/8	10.0 TPG (s)		U A
4077	COMP+CAN	5/16	8.0 TTG (MC)		U A	5860	COMPOSITE	3/16	5.0 TTG		U A
4078	COMP+CAN	3/8	10.0 TTG (MC)		U A	4225	COMPOSITE	1/4	6.0 TTG		U A
4079	COMP+CAN	*	12.0 TTG (3)(MC)		U A	4226	COMPOSITE	3/8	10.0 TTG		U A
4080	COMP+CAN	*	15.0 TTG (3)(MC)		U A	4227	COMPOSITE	1/2	12.0 TTG		U A
4081	COMP+CAN	3/4	19.0 TTG (MC)		U A	7998	COMPOSITE	5/8	16.0 TTG		U A
Transparent Design S.R.L. ; Popesti-Leordeni, Romania:						7999	COMPOSITE	3/4	19.0 TTG		U A
9778	COMP+CAN	5/32	4.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Cheswick, PA:					
9779	COMP+CAN	1/4	6.0 TTG		U A	1790	COMPOSITE	3/16	5.0 TPG		U A
9780	COMP+CAN	5/16	8.0 TTG		U A	4453	COMPOSITE	3/8	10.0 TPG (s)		U A
9781	COMP+CAN	3/8	10.0 TTG		U A	10171	COMP+CAN	1/8	3.0 TTG (MC)		U A
9782	COMP+CAN	*	12.0 TTG (3)		U A	1785	COMPOSITE	3/16	5.0 TTG		U A
9783	COMP+CAN	*	15.0 TTG (3)		U A	1786	COMPOSITE	1/4	6.0 TTG (MC)		U A
9784	COMP+CAN	3/4	19.0 TTG		U A	8576	COMPOSITE	5/16	8.0 TTG		U A
Treaty City Industries Inc. ; Greenville OH:						1787	COMPOSITE	3/8	10.0 TTG		U A
8373	COMP+CAN	1/8	3.0 TTG (MC)		U A	1788	COMPOSITE	1/2	12.0 TTG		U A
8374	COMP+CAN	5/32	4.0 TTG (IN)		U A	4134	COMPOSITE	5/8	16.0 TTG		U A
Tristar Glass, Inc. ; Catoosa, OK:						4135	COMPOSITE	3/4	19.0 TTG		U A
7590	COMPOSITE	5/32	4.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; City of Industry, CA:					
4011	COMPOSITE	3/16	5.0 TPG (m)		U A	4184	COMPOSITE	3/16	5.0 TTG (MC)		U A
4004	COMPOSITE	1/8	3.0 TTG (MC)		U A	4185	COMPOSITE	1/4	6.0 TTG (MC)		U A
4005	COMPOSITE	5/32	4.0 TTG		U A	4186	COMPOSITE	3/8	10.0 TTG		U A
4007	COMPOSITE	1/4	6.0 TTG (MC)		U A	4187	COMPOSITE	1/2	12.0 TTG		U A
7072	COMPOSITE	5/16	8.0 TTG		U A	4522	COMPOSITE	5/8	16.0 TTG		U A
4008	COMPOSITE	3/8	10.0 TTG		U A	4371	COMPOSITE	3/4	19.0 TTG		U A
4009	COMPOSITE	1/2	12.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Columbus, OH:					
Tristar Glass, Inc. ; Grand Prairie, TX:						6165	COMPOSITE	1/8	3.0 TPG (m)		U A
9147	COMPOSITE	1/4	6.0 TTG (MC)		U A	6166	COMPOSITE	5/32	4.0 TPG (d)		U A
9219	COMP+CAN	5/16	8.0 TTG		U A	6167	COMPOSITE	3/16	5.0 TPG (m)		U A
9220	COMP+CAN	3/8	10.0 TTG		U A	6168	COMPOSITE	1/4	6.0 TPG (m)		U A
9715	COMP+CAN	1/2	12.0 TTG		U A	6169	COMPOSITE	3/8	10.0 TPG (s)		U A
Tristar Glass, Inc. ; Houston, TX:						4745	COMPOSITE	1/8	3.0 TTG (MC)		U A
5762	COMPOSITE	1/4	6.0 TTG (MC)		U A	8362	COMPOSITE	5/32	4.0 TTG		U A
7080	COMPOSITE	5/16	8.0 TTG		U A	4746	COMPOSITE	3/16	5.0 TTG (MC)		U A
Triton Glass LLC ; Albemarle, NC:						4747	COMPOSITE	1/4	6.0 TTG (MC)		U A
5690	COMPOSITE	1/8	3.0 TTG (MC)		U A	8191	COMPOSITE	5/16	8.0 TTG		U A
5691	COMPOSITE	3/16	5.0 TTG (MC)		U A	6159	COMPOSITE	3/8	10.0 TTG		U A
5692	COMPOSITE	1/4	6.0 TTG (MC)		U A	4748	COMPOSITE	1/2	12.0 TTG		U A
5693	COMPOSITE	3/8	10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Fort Worth, TX:					
5694	COMPOSITE	1/2	12.0 TTG		U A	5404	COMPOSITE	3/16	5.0 TPG (m)		U A
Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec:						5405	COMPOSITE	3/8	10.0 TPG (m)		U A
9819	COMP+CAN	3/8	10.0 TPG (m)		U A	5397	COMPOSITE	5/32	4.0 TTG		U A
6061	COMP+CAN	3/16	5.0 TTG		U A	5398	COMPOSITE	3/16	5.0 TTG (MC)		U A
6062	COMP+CAN	1/4	6.0 TTG		U A	5399	COMPOSITE	1/4	6.0 TTG (MC)		U A
6063	COMP+CAN	5/16	8.0 TTG		U A	5400	COMPOSITE	3/8	10.0 TTG		U A
6064	COMP+CAN	3/8	10.0 TTG		U A	5401	COMPOSITE	1/2	12.0 TTG		U A
6065	COMP+CAN	1/2	12.0 TTG		U A	6389	COMPOSITE	5/8	16.0 TTG		U A
6066	COMP+CAN	5/8	16.0 TTG		U A	6388	COMPOSITE	3/4	19.0 TTG		U A
6067	COMP+CAN	3/4	19.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Grenada, MS:					
Trulite Glass and Aluminum Solutions ; Aurora, CO:						2787	COMPOSITE	1/8	3.0 TTG (MC)		U A
5349	COMPOSITE	3/16	5.0 TPG (m)		U A	2788	COMPOSITE	3/16	5.0 TTG		U A
5350	COMPOSITE	3/8	10.0 TPG (s)		U A	2789	COMPOSITE	1/4	6.0 TTG		U A
5341	COMPOSITE	1/8	3.0 TTG		U A	2840	COMPOSITE	3/8	10.0 TTG		U A
5348	COMPOSITE	5/32	4.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Houston, TX:					
						5433	COMP+CAN	1/8	3.0 TPG (s)		U A
						3931	COMP+CAN	3/16	5.0 TPG (m)		U A
						5432	COMP+CAN	1/8	3.0 TTG (MC)		U A
						7018	COMP+CAN	5/32	4.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
3925	COMP+CAN	3/16	5.0 TTG (MC)		U A	Trulite Glass and Aluminum Solutions ; Phoenix, AZ:					
5483	COMP+CAN	1/4	6.0 TTG (MC)		U A	7878	COMPOSITE	5/32	4.0 TPG (d)		U A
3927	COMP+CAN	3/8	10.0 TTG		U A	5706	COMPOSITE	3/16	5.0 TPG (m)		U A
3928	COMP+CAN	1/2	12.0 TTG		U A	6759	COMPOSITE	1/4	6.0 TPG (s)		U A
5477	COMP+CAN	5/8	16.0 TTG		U A	5747	COMPOSITE	3/8	10.0 TPG (s)		U A
7828	COMP+CAN	3/4	19.0 TTG		U A	5701	COMPOSITE	5/32	4.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Indianapolis, IN:						5702	COMPOSITE	3/16	5.0 TTG (MC)		U A
4750	COMPOSITE	3/16	5.0 TPG (s)		U A	5746	COMPOSITE	1/4	6.0 TTG (MC)		U A
4922	COMPOSITE	3/16	5.0 TTG (MC)		U A	5703	COMPOSITE	3/8	10.0 TTG		U A
4923	COMPOSITE	1/4	6.0 TTG (MC)		U A	5704	COMPOSITE	1/2	12.0 TTG		U A
4754	COMPOSITE	3/8	10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Salt Lake City, UT:					
4753	COMPOSITE	1/2	12.0 TTG		U A	6006	COMPOSITE	3/16	5.0 TPG (m)		U A
7086	COMPOSITE	5/8	16.0 TTG		U A	6007	COMPOSITE	1/4	6.0 TPG (m)		U A
8798	COMP+CAN	3/4	19.0 TTG		U A	6008	COMPOSITE	3/8	10.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; Knoxville, TN:						6447	COMPOSITE	1/8	3.0 TTG (MC)		U A
4207	COMPOSITE	1/8	3.0 TPG (m)		U A	5337	COMPOSITE	3/16	5.0 TTG (MC)		U A
4160	COMPOSITE	3/16	5.0 TPG (m)		U A	5338	COMPOSITE	1/4	6.0 TTG (MC)		U A
5134	COMPOSITE	3/8	10.0 TPG (s)		U A	5339	COMPOSITE	3/8	10.0 TTG		U A
4209	COMPOSITE	1/8	3.0 TTG (MC)		U A	5340	COMPOSITE	1/2	12.0 TTG		U A
4827	COMPOSITE	5/32	4.0 TTG		U A	7580	COMPOSITE	5/8	16.0 TTG		U A
4152	COMPOSITE	3/16	5.0 TTG (MC)		U A	Trulite Glass and Aluminum Solutions ; Tulsa, OK:					
4153	COMPOSITE	1/4	6.0 TTG (MC)		U A	5688	COMPOSITE	1/8	3.0 TPG (s)		U A
4158	COMPOSITE	3/8	10.0 TTG		U A	5448	COMPOSITE	5/32	4.0 TPG (d)		U A
4159	COMPOSITE	1/2	12.0 TTG		U A	5449	COMPOSITE	3/16	5.0 TPG (m)		U A
Trulite Glass and Aluminum Solutions ; Las Vegas, NV:						5451	COMPOSITE	3/8	10.0 TPG (s)		U A
4217	COMPOSITE	1/8	3.0 TPG (s)		U A	5687	COMPOSITE	1/8	3.0 TTG (MC)		U A
4219	COMPOSITE	3/16	5.0 TPG (m)		U A	5443	COMPOSITE	5/32	4.0 TTG (MC)		U A
4220	COMPOSITE	1/4	6.0 TPG (s)		U A	5444	COMPOSITE	3/16	5.0 TTG (MC)		U A
4221	COMPOSITE	3/8	10.0 TPG (s)		U A	5445	COMPOSITE	1/4	6.0 TTG (MC)		U A
4210	COMPOSITE	1/8	3.0 TTG (MC)		U A	5446	COMPOSITE	3/8	10.0 TTG		U A
4212	COMPOSITE	3/16	5.0 TTG (MC)		U A	5447	COMPOSITE	1/2	12.0 TTG		U A
4213	COMPOSITE	1/4	6.0 TTG (MC)		U A	Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario:					
4214	COMPOSITE	3/8	10.0 TTG		U A	5507	COMP+CAN	5/32	4.0 TTG (MC)		U A
4215	COMPOSITE	1/2	12.0 TTG		U A	5508	COMP+CAN	3/16	5.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Lithia Springs, GA:						5509	COMP+CAN	1/4	6.0 TTG (MC)		U A
6113	COMP+CAN	3/16	5.0 TPG (m)		U A	5510	COMP+CAN	5/16	8.0 TTG (MC)		U A
6114	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A	5511	COMP+CAN	3/8	10.0 TTG		U A
6115	COMP+CAN	3/8	10.0 TPG (s)		U A	5782	COMP+CAN	1/2	12.0 TTG		U A
6102	COMP+CAN	3/16	5.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Youngsville, NC:					
6103	COMP+CAN	1/4	6.0 TTG (MC)		U A	5279	COMPOSITE	3/16	5.0 TPG (m)		U A
6104	COMP+CAN	3/8	10.0 TTG		U A	8961	COMPOSITE	3/8	10.0 TPG (s)		U A
6105	COMP+CAN	1/2	12.0 TTG		U A	9228	COMP+CAN	1/8	3.0 TTG		U A
6106	COMP+CAN	5/8	16.0 TTG		U A	5517	COMPOSITE	5/32	4.0 TTG		U A
6107	COMP+CAN	3/4	19.0 TTG		U A	5273	COMPOSITE	3/16	5.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; New Berlin, WI:						5274	COMPOSITE	1/4	6.0 TTG (MC)		U A
5876	COMPOSITE	1/8	3.0 TTG (IN)		U A	5518	COMPOSITE	5/16	8.0 TTG		U A
5318	COMPOSITE	3/16	5.0 TTG (MC)		U A	5275	COMPOSITE	3/8	10.0 TTG		U A
5877	COMPOSITE	1/4	6.0 TTG (MC)		U A	5276	COMPOSITE	1/2	12.0 TTG		U A
5320	COMPOSITE	5/16	8.0 TTG		U A	6009	COMPOSITE	5/8	16.0 TTG		U A
5321	COMPOSITE	3/8	10.0 TTG		U A	5277	COMPOSITE	3/4	19.0 TTG		U A
5322	COMPOSITE	1/2	12.0 TTG		U A	Tweddells Inc. ; Santa Ana, CA:					
5896	COMPOSITE	5/8	16.0 TTG		U A	5384	COMP+CAN	1/8	3.0 TTG		U A
5897	COMPOSITE	3/4	19.0 TTG		U A	4993	COMP+CAN	3/16	5.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Orlando, FL:						5385	COMP+CAN	1/4	6.0 TTG		U A
5189	COMPOSITE	1/8	3.0 TPG (s)		U A	5386	COMP+CAN	3/8	10.0 TTG		U A
5190	COMPOSITE	3/16	5.0 TPG (m)		U A	U.S. Glass Distributors Inc. ; Enfield, CT:					
5191	COMPOSITE	1/4	6.0 TPG (m)		U A	5917	COMP+CAN	5/32	4.0 TPG (d)		U A
5192	COMPOSITE	3/8	10.0 TPG (s)		U A	5918	COMP+CAN	3/16	5.0 TPG (m)		U A
5183	COMPOSITE	1/8	3.0 TTG (MC)		U A	5920	COMP+CAN	3/8	10.0 TPG (s)		U A
5185	COMPOSITE	3/16	5.0 TTG (MC)		U A	5921	COMP+CAN	1/8	3.0 TTG (MC)		U A
5184	COMPOSITE	1/4	6.0 TTG (MC)		U A	5922	COMP+CAN	3/16	5.0 TTG (MC)		U A
5186	COMPOSITE	3/8	10.0 TTG		U A	5923	COMP+CAN	1/4	6.0 TTG (MC)		U A
5187	COMPOSITE	1/2	12.0 TTG		U A	5924	COMP+CAN	5/16	8.0 TTG		U A
5680	COMPOSITE	5/8	16.0 TTG		U A	5925	COMP+CAN	3/8	10.0 TTG		U A
						5926	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
5927	COMP+CAN	5/8	16.0 TTG		U A	4902	COMP+CAN	3/8	10.0 TTG		U A
6157	COMP+CAN	3/4	19.0 TTG		U A	4903	COMP+CAN	1/2	12.0 TTG		U A
UAB Stronglases ; Alytus, Lithuania:						Utah Glass Manufacturing ; Springville, UT:					
10089	COMP+CAN	5/32	4.0 TTG (MC)		U A	10042	COMPOSITE	1/4	6.0 TTG		U A
10090	COMP+CAN	1/4	6.0 TTG (MC)		U A	10043	COMPOSITE	3/8	10.0 TTG		U A
10091	COMP+CAN	5/16	8.0 TTG (MC)		U A	10044	COMPOSITE	1/2	12.0 TTG		U A
10092	COMP+CAN	3/8	10.0 TTG (MC)		U A	VA Glass, LLC. ; Ridgeway, VA:					
Uniglass ; Riyadh, Saudi Arabia:						12 IN	COMPOSITE	3/16	5.0 TTG (IN)		U A
8404	COMP+CAN	1/4	6.0 TTG		U A	14	COMPOSITE	1/4	6.0 TTG		U A
7030	COMPOSITE	5/16	8.0 TTG		U A	8116	COMPOSITE	5/16	8.0 TTG		U A
7031	COMPOSITE	3/8	10.0 TTG		U A	93	COMPOSITE	3/8	10.0 TTG		U A
7032	COMPOSITE	*	12.0 TTG (7)		U A	94	COMPOSITE	1/2	12.0 TTG		U A
United Plate Glass Co., Inc. ; Butler, PA:						2182	COMPOSITE	5/8	16.0 TTG		U A
6375	COMP+CAN	5/32	4.0 TPG (m)		U A	95	COMPOSITE	3/4	19.0 TTG		U A
2467	COMP+CAN	1/8	3.0 TTG (MC)		U A	Valentini Glass & Components srl ; Calcinato, Province of Brescia:					
2468	COMP+CAN	3/16	5.0 TTG (MC)		U A	4246	COMPOSITE	5/32	4.0 TBG (MC)		U A
9241	COMP+CAN	1/4	6.0 TTG (MC)		U A	7826	COMPOSITE	3/16	5.0 TBG (MC)		U A
9227	COMP+CAN	3/8	10.0 TTG		U A	2898	COMPOSITE	1/4	6.0 TBG (MC)		U A
2471	COMP+CAN	1/2	12.0 TTG		U A	2423	COMPOSITE	5/32	4.0 TTG (MC)		U A
United Plate Glass Company of Charlotte ; Lincolnton, NC:						7825	COMPOSITE	3/16	5.0 TTG (MC)		U A
3954	COMP+CAN	1/8	3.0 TPG (s)		U A	6816	COMPOSITE	*	12.0 TTG (3)		U A
4636	COMPOSITE	5/32	4.0 TPG (m)		U A	Vandaglas Eckelt GmbH ; Steyr, Austria:					
3955	COMP+CAN	3/16	5.0 TPG (s)		U A	2850	COMPOSITE	1/4	6.0 TTG		U A
3948	COMP+CAN	1/8	3.0 TTG (MC)		U A	2851	COMPOSITE	5/16	8.0 TTG		U A
4197	COMPOSITE	5/32	4.0 TTG		U A	2852	COMPOSITE	3/8	10.0 TTG		U A
3949	COMP+CAN	3/16	5.0 TTG (MC)		U A	2853	COMPOSITE	*	12.0 TTG (4)		U A
3950	COMP+CAN	1/4	6.0 TTG (MC)		U A	2854	COMPOSITE	*	15.0 TTG (4)(IN)		U A
3951	COMP+CAN	3/8	10.0 TTG		U A	IN					
3952	COMP+CAN	1/2	12.0 TTG		U A	2855	COMPOSITE	3/4	19.0 TTG (IN)		U A
United Plate Glass of Maryland LLC ; Frederick, MD:						IN					
7889	COMP+CAN	3/16	5.0 TTG		U A	Verre Select Inc. ; Terrebonne, Quebec:					
7890	COMP+CAN	1/4	6.0 TTG		U A	9277	COMP+CAN	1/8	3.0 TPG (s)		U A
7891	COMP+CAN	3/8	10.0 TTG		U A	9282	COMP+CAN	1/8	3.0 TTG (MC)		U A
7892	COMP+CAN	1/2	12.0 TTG		U A	9281	COMP+CAN	3/16	5.0 TTG (MC)		U A
9183	COMP+CAN	5/8	16.0 TTG		U A	9280	COMP+CAN	(*)	6.0 TTG (3)		U A
9184	COMP+CAN	3/4	19.0 TTG		U A	9279	COMP+CAN	3/8	10.0 TTG		U A
Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:						9278	COMP+CAN	1/2	12.0 TTG		U A
5462	COMP+CAN	1/8	3.0 TTG		U A	Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza:					
5463	COMP+CAN	5/32	4.0 TTG		U A	8105	COMPOSITE	1/4	6.0 TTG		U A
5407	COMP+CAN	3/16	5.0 TTG		U A	7855	COMPOSITE	5/16	8.0 TTG		U A
5408	COMP+CAN	1/4	6.0 TTG		U A	7856	COMPOSITE	3/8	10.0 TTG		U A
6519	COMP+CAN	5/16	8.0 TTG		U A	7857	COMPOSITE	1/2	12.0 TTG		U A
5414	COMP+CAN	3/8	10.0 TTG		U A	Vetriko S.A. ; Duran, Guayas:					
6520	COMP+CAN	1/2	12.0 TTG		U A	8769	COMPOSITE	1/4	6.0 TTG		U A
Upstate Glass Tempering Inc. ; Middletown, NY:						8770	COMPOSITE	5/16	8.0 TTG		U A
5157	COMPOSITE	1/4	6.0 TTG		U A	8771	COMPOSITE	3/8	10.0 TTG		U A
4927	COMPOSITE	3/8	10.0 TTG		U A	Vetrodomus SpA ; Brescia, Province of Brescia:					
5158	COMPOSITE	1/2	12.0 TTG		U A	7492	COMPOSITE	1/4	6.0 TTG (MC)		U A
US Glass Depot LLC ; Plainview, NY:						7493	COMPOSITE	5/16	8.0 TTG (MC)		U A
9153	COMP+CAN	3/16	5.0 TTG (MC)		U A	7494	COMPOSITE	3/8	10.0 TTG (MC)		U A
9154	COMP+CAN	1/4	6.0 TTG (MC)		U A	Vidplex Universal S.A.S ; Bogota, Bogota DC:					
9155	COMP+CAN	3/8	10.0 TTG		U A	8994	COMP+CAN	3/16	5.0 TTG (MC)		U A
9156	COMP+CAN	1/2	12.0 TTG		U A	8995	COMP+CAN	1/4	6.0 TTG (MC)		U A
US Glass Tempering Inc. ; San Leandro, CA:						8996	COMP+CAN	3/8	10.0 TTG		U A
7996	COMPOSITE	3/8	10.0 TPG (s)		U A	Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon:					
7156	COMPOSITE	1/8	3.0 TTG		U A	4966	COMP+CAN	1/4	6.0 TTG		U A
7159	COMPOSITE	3/16	5.0 TTG		U A	4967	COMP+CAN	3/8	10.0 TTG		U A
7157	COMPOSITE	1/4	6.0 TTG		U A	Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon:					
7160	COMPOSITE	3/8	10.0 TTG		U A	5840	COMP+CAN	1/4	6.0 TTG (MC)		U A
7161	COMPOSITE	1/2	12.0 TTG		U A	5781	COMP+CAN	3/8	10.0 TTG		U A
US Tempering LLC ; Maspeth, NY:											
4900	COMP+CAN	3/16	5.0 TTG (MC)		U A						
4901	COMP+CAN	1/4	6.0 TTG (MC)		U A						

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon:						8292	COMP+CAN	5/8	16.0 TTG		U A
7735	COMP+CAN	1/8	3.0 TTG (MC)		U A	7381	COMP+CAN	3/4	19.0 TTG		U A
8381	COMP+CAN	5/32	4.0 TTG		U A	Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:					
8382	COMP+CAN	3/16	5.0 TTG		U A	9134	COMP+CAN	3/16	5.0 TPG (m)		U A
8383	COMP+CAN	1/4	6.0 TTG (MC)		U A	9135	COMP+CAN	1/4	6.0 TPG (m)		U A
Viewrail ; Goshen, IN Eisenhower Dr. North:						7530	COMP+CAN	5/32	4.0 TTG (MC)		U A
9676	COMP+CAN	3/8	10.0 TTG		U A	7531	COMP+CAN	3/16	5.0 TTG (MC)		U A
9769	COMP+CAN	1/2	12.0 TTG		U A	7532	COMP+CAN	1/4	6.0 TTG		U A
Viracon Inc. ; Owatonna, MN:						7533	COMP+CAN	5/16	8.0 TTG		U A
4354	COMP+CAN	5/32	4.0 TTG		U A	7534	COMP+CAN	3/8	10.0 TTG		U A
1403	COMP+CAN	3/16	5.0 TTG (MC)		U A	7535	COMP+CAN	1/2	12.0 TTG		U A
1404	COMP+CAN	1/4	6.0 TTG (MC)		U A	Viwinco, Inc. ; Morgantown, PA:					
3689	COMP+CAN	5/16	8.0 TTG		U A	6803	COMPOSITE	1/8	3.0 TPG (s)		U A
1508	COMP+CAN	3/8	10.0 TTG (MC)		U A	3074	COMPOSITE	1/8	3.0 TTG (MC)		U A
1509	COMP+CAN	1/2	12.0 TTG		U A	3405	COMPOSITE	3/16	5.0 TTG (MC)		U A
Vision En Cristal Y Aluminio SA DE CV ; Santa Catarina, Nuevo Leon:						VTC Tecnologia de Vidros Temperados Ltda ; Sao Paulo, Brazil:					
8692	COMP+CAN	5/32	4.0 TTG (MC)		U A	10264	COMP+CAN	5/32	4.0 TTG (MC)		U A
8693	COMP+CAN	1/4	6.0 TTG (MC)		U A	W. A. Wilson Inc. ; Wheeling, WV:					
8694	COMP+CAN	3/8	10.0 TTG		U A	5173	COMPOSITE	1/8	3.0 TPG (d)		U A
Vista Glass Corporation ; Vaughan, Ontario:						4169	COMPOSITE	1/8	3.0 TTG		U A
8444	COMP+CAN	3/16	5.0 TTG (MC)		U A	4170	COMPOSITE	3/16	5.0 TTG		U A
8445	COMP+CAN	1/4	6.0 TTG (MC)		U A	4171	COMPOSITE	1/4	6.0 TTG (MC)		U A
8446	COMP+CAN	5/16	8.0 TTG (MC)		U A	4172	COMPOSITE	3/8	10.0 TTG		U A
8447	COMP+CAN	3/8	10.0 TTG		U A	4173	COMPOSITE	1/2	12.0 TTG		U A
8448	COMP+CAN	1/2	12.0 TTG		U A	W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA:					
Vistamatic, LLC ; Coral Springs, FL:						6088	COMP+CAN	*	3.0 TPG (s) (4)		U A
6535	COMPOSITE	5/32	4.0 TTG		U A	6089	COMP+CAN	5/32	4.0 TPG (m)		U A
6536	COMPOSITE	3/16	5.0 TTG		U A	6090	COMP+CAN	3/16	5.0 TPG (d)		U A
6537	COMPOSITE	1/4	6.0 TTG		U A	6084	COMP+CAN	1/8	3.0 TTG (MC)		U A
6538	COMPOSITE	3/8	10.0 TTG		U A	6085	COMP+CAN	5/32	4.0 TTG (MC)		U A
6539	COMPOSITE	1/2	12.0 TTG		U A	6086	COMP+CAN	3/16	5.0 TTG (MC)		U A
Vitelsa Mosquera ; Bogota, Cundinamarca:						6087	COMP+CAN	1/4	6.0 TTG (MC)		U A
7719	COMPOSITE	3/8	10.0 TTG		U A	8181	COMP+CAN	5/16	8.0 TTG (MC)		U A
7401	COMPOSITE	1/2	12.0 TTG		U A	7075	COMP+CAN	3/8	10.0 TTG (MC)		U A
Vitralum Glass Solutions Inc. ; Altamonte Springs, FL:						7076	COMP+CAN	1/2	12.0 TTG		U A
7853	COMPOSITE	3/8	10.0 TTG		U A	Washington Glass Fabrication LLC. ; Manassas, VA:					
8107	COMPOSITE	1/2	12.0 TTG		U A	8536	COMPOSITE	1/4	6.0 TTG		U A
Vitre-Art C.A.B. (1988) Inc. ; Montreal Nord, Quebec:						8537	COMPOSITE	3/8	10.0 TTG		U A
9065	COMP+CAN	1/8	3.0 TTG		U A	8538	COMPOSITE	1/2	12.0 TTG		U A
9066	COMP+CAN	5/32	4.0 TTG		U A	9284	COMPOSITE	5/8	16.0 TTG		U A
9067	COMP+CAN	3/16	5.0 TTG		U A	9285	COMPOSITE	3/4	19.0 TTG		U A
Vitro Architectural Glass ; Barrie, Ontario:						Weifang Guanghua Glass Technology Co., Ltd. ; Weifang City, Shandong:					
10212	COMP+CAN	1/8	3.0 TPG (s)		U A	10144	COMP+CAN	3/16	5.0 TTG		U A
7083	COMP+CAN	5/32	4.0 TPG (m)		U A	10145	COMP+CAN	1/4	6.0 TTG		U A
10213	COMP+CAN	3/16	5.0 TPG (s)		U A	10146	COMP+CAN	5/16	8.0 TTG		U A
5207	COMP+CAN	1/8	3.0 TTG (MC)		U A	10147	COMP+CAN	*	12.0 TTG (3)		U A
5204	COMP+CAN	5/32	4.0 TTG (MC)		U A	Werkman (Shandong) Vacuum Glass Technology Co., Ltd. ; Jinan, Shandong Province:					
5205	COMP+CAN	3/16	5.0 TTG (MC)		U A	9229	COMPOSITE	3/8	10.0 VIGT (MC)		U A
5206	COMP+CAN	1/4	6.0 TTG		U A	West Seal Ltd.(AWG Northern Dist.) ; Prince George, British Columbia:					
Vitrum Industries Ltd. ; Langley, British Columbia:						8689	COMP+CAN	5/32	4.0 TTG (MC)		U A
7720	COMP+CAN	1/8	3.0 TPG (s)		U A	8690	COMP+CAN	3/16	5.0 TTG (MC)		U A
7721	COMP+CAN	5/32	4.0 TPG (m)		U A	8691	COMP+CAN	1/4	6.0 TTG (MC)		U A
7722	COMP+CAN	3/16	5.0 TPG (m)		U A	9670	COMP+CAN	3/8	10.0 TTG		U A
7790	COMP+CAN	1/4	6.0 TPG (m)		U A	9671	COMP+CAN	1/2	12.0 TTG (4)		U A
7723	COMP+CAN	1/8	3.0 TTG (MC)		U A	Wexford Viking Glass Limited ; Wexford, Leinster:					
7118	COMP+CAN	5/32	4.0 TTG (MC)		U A	8287	COMP+CAN	1/4	6.0 TTG		U A
7119	COMP+CAN	3/16	5.0 TTG (MC)		U A	Whalley Glass Co ; Derby, CT:					
7117	COMP+CAN	1/4	6.0 TTG (MC)		U A	8808	COMPOSITE	1/8	3.0 TTG (MC)		U A
7120	COMP+CAN	5/16	8.0 TTG (MC)		U A	6227	COMPOSITE	3/16	5.0 TTG (MC)		U A
8291	COMP+CAN	3/8	10.0 TTG (MC)		U A	6228	COMPOSITE	1/4	6.0 TTG (MC)		U A
7122	COMP+CAN	1/2	12.0 TTG		U A	9163	COMPOSITE	3/8	10.0 TTG		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC #	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates:						7901	COMP+CAN	3/8	10.0 TTG		U A
7085	COMP+CAN	5/32	4.0 TTG (MC)		U A	7902	COMP+CAN	1/2	12.0 TTG		U A
4598	COMP+CAN	1/4	6.0 TTG (MC)		U A	Woon-Tech Inc. ; Whitinsville, MA:					
4597	COMP+CAN	5/16	8.0 TTG (MC)		U A	6364	COMP+CAN	1/8	3.0 TTG		U A
7477	COMP+CAN	3/8	10.0 TTG (MC)		U A	6365	COMP+CAN	5/32	4.0 TTG		U A
Wholesale Glass Dist. ; Memphis, TN:						6366	COMP+CAN	3/16	5.0 TTG		U A
7703	COMPOSITE	1/8	3.0 TTG (MC)		U A	6367	COMP+CAN	1/4	6.0 TTG		U A
4379	COMPOSITE	3/16	5.0 TTG		U A	10025	COMP+CAN	5/16	8.0 TTG		U A
4380	COMPOSITE	1/4	6.0 TTG		U A	6368	COMP+CAN	3/8	10.0 TTG		U A
4381	COMPOSITE	3/8	10.0 TTG		U A	6369	COMP+CAN	1/2	12.0 TTG		U A
4382	COMPOSITE	1/2	12.0 TTG		U A	WSD Glass, Inc. ; Winston-Salem, NC:					
WHTB Glass, LLC ; Shirley, NY:						4048	COMPOSITE	3/16	5.0 TTG		U A
7741	COMP+CAN	3/16	5.0 TTG (MC)		U A	4049	COMPOSITE	1/4	6.0 TTG		U A
7742	COMP+CAN	1/4	6.0 TTG (MC)		U A	4052	COMPOSITE	3/8	10.0 TTG		U A
7743	COMP+CAN	5/16	8.0 TTG		U A	4050	COMPOSITE	1/2	12.0 TTG		U A
7744	COMP+CAN	3/8	10.0 TTG		U A	Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu:					
7745	COMP+CAN	1/2	12.0 TTG		U A	6784	COMPOSITE	3/16	5.0 TTG		U A
Window Creations, LLC ; Fort Jennings, OH:						6785	COMPOSITE	1/4	6.0 TTG		U A
8127	COMP+CAN	3/16	5.0 TTG		U A	6786	COMPOSITE	5/16	8.0 TTG		U A
8128	COMP+CAN	1/4	6.0 TTG		U A	6787	COMPOSITE	3/8	10.0 TTG		U A
8129	COMP+CAN	3/8	10.0 TTG		U A	6788	COMPOSITE	*	12.0 TTG (4)		U A
8130	COMP+CAN	1/2	12.0 TTG (IN)		U A	6789	COMPOSITE	*	15.0 TTG (4)		U A
WinTech ; Monett, MO:						Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian:					
10010	COMP+CAN	1/8	3.0 TPG (s)		U A	9974	COMP+CAN	3/16	5.0 TPG (s)		U A
6433	COMP+CAN	1/8	3.0 TTG (MC)		U A	9975	COMP+CAN	1/4	6.0 TPG (s)		U A
6434	COMP+CAN	1/4	6.0 TTG (MC)		U A	8484	COMP+CAN	1/8	3.0 TTG		U A
Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI:						8348	COMP+CAN	5/32	4.0 TTG		U A
5592	COMPOSITE	1/8	3.0 TPG (s)		U A	7948	COMP+CAN	3/16	5.0 TTG		U A
5594	COMPOSITE	3/16	5.0 TPG (s)		U A	7949	COMP+CAN	1/4	6.0 TTG		U A
5595	COMPOSITE	1/4	6.0 TPG (m)		U A	8485	COMP+CAN	5/16	8.0 TTG		U A
5596	COMPOSITE	3/8	10.0 TPG (m)		U A	7950	COMP+CAN	3/8	10.0 TTG		U A
5597	COMPOSITE	1/2	12.0 TPG (m)		U A	8682	COMP+CAN	1/2	12.0 TTG		U A
5585	COMPOSITE	1/8	3.0 TTG (MC)		U A	Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei:					
5587	COMPOSITE	3/16	5.0 TTG (MC)		U A	5979	COMP+CAN	3/16	5.0 TTG		U A
5588	COMPOSITE	1/4	6.0 TTG		U A	6004	COMP+CAN	1/4	6.0 TTG		U A
5589	COMPOSITE	3/8	10.0 TTG		U A	6005	COMP+CAN	5/16	8.0 TTG		U A
5590	COMPOSITE	1/2	12.0 TTG		U A	5980	COMP+CAN	3/8	10.0 TTG		U A
W-M Glass sp. zo.o. ; Bartoszyce, Poland:						5981	COMP+CAN	1/2	12.0 TTG		U A
9745	COMP+CAN	1/4	6.0 TTG		U A	5982	COMP+CAN	*	15.0 TTG (4)		U A
9746	COMP+CAN	5/16	8.0 TTG		U A	5983	COMP+CAN	3/4	19.0 TTG		U A
WMB Windows Inc. ; Ontario, CA:						Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin:					
10018	COMP+CAN	5/32	4.0 TPG (s)		U A	5532	COMP+CAN	3/16	5.0 TTG (MC)		U A
10017	COMP+CAN	5/32	4.0 TTG (MC)		U A	5533	COMP+CAN	1/4	6.0 TTG (MC)		U A
Wolverine Glass Products, Inc. ; Wyoming, MI:						5534	COMP+CAN	5/16	8.0 TTG (MC)		U A
7986	COMP+CAN	1/8	3.0 TPG (m)		U A	5535	COMP+CAN	3/8	10.0 TTG (MC)		U A
7987	COMP+CAN	5/32	4.0 TPG (d)		U A	5536	COMP+CAN	1/2	12.0 TTG (MC)		U A
8036	COMP+CAN	1/8	3.0 TTG (MC)		U A	6329	COMP+CAN	*	15.0 TTG (4)(MC)		U A
7981	COMP+CAN	5/32	4.0 TTG		U A	Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning:					
7982	COMP+CAN	3/16	5.0 TTG		U A	6848	COMP+CAN	1/4	6.0 TTG (MC)		U A
8037	COMP+CAN	1/4	6.0 TTG (MC)		U A	6849	COMP+CAN	5/16	8.0 TTG (MC)		U A
7983	COMP+CAN	5/16	8.0 TTG		U A	6850	COMP+CAN	3/8	10.0 TTG (MC)		U A
7984	COMP+CAN	3/8	10.0 TTG		U A	6851	COMP+CAN	1/2	12.0 TTG (MC)		U A
7985	COMP+CAN	1/2	12.0 TTG		U A	Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province:					
Woodbridge Glass Distribution Inc. ; Concord, Ontario:						3085	COMP+CAN	3/16	5.0 TTG (MC)		U A
7903	COMP+CAN	5/32	4.0 TPG (m)		U A	3053	COMP+CAN	1/4	6.0 TTG (MC)		U A
7904	COMP+CAN	3/16	5.0 TPG (s)		U A	4648	COMP+CAN	5/16	8.0 TTG (MC)		U A
7905	COMP+CAN	3/8	10.0 TPG (s)		U A	3054	COMP+CAN	3/8	10.0 TTG (MC)		U A
7896	COMP+CAN	1/8	3.0 TTG (MC)		U A	3055	COMP+CAN	1/2	12.0 TTG (MC)		U A
7897	COMP+CAN	5/32	4.0 TTG (MC)		U A	4179	COMP+CAN	*	15.0 TTG (4)(MC)		U A
7898	COMP+CAN	3/16	5.0 TTG (MC)		U A	Xuancheng Mingyang Glass Technology Co., Ltd. ; Xuancheng, Anhui:					
7899	COMP+CAN	1/4	6.0 TTG (MC)		U A	9953	COMP+CAN	1/4	6.0 TBG		U A
7900	COMP+CAN	5/16	8.0 TTG		U A	9954	COMP+CAN	5/32	4.0 TPG (s)		U A

Certified Products-Alphabetical By Plant-Tempered/Other

SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI	SGCC #	TEST STD	INCHES (MM)	TYPE	MAX SIZE	ANSI
		(THICKNESS CLASS)		CERTIFIED	CLASS			(THICKNESS CLASS)		CERTIFIED	CLASS
9955	COMP+CAN	3/16	5.0 TPG (s)		U A	8409	COMP+CAN	5/32	4.0 TTG		U A
9956	COMP+CAN	1/4	6.0 TPG (s)		U A	Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu:					
9947	COMP+CAN	1/8	3.0 TTG		U A	5465	COMP+CAN	3/8	10.0 TTG		U A
9948	COMP+CAN	5/32	4.0 TTG		U A	5466	COMP+CAN	1/2	12.0 TTG		U A
9949	COMP+CAN	3/16	5.0 TTG		U A	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Suzhou, Jiangsu:					
9950	COMP+CAN	1/4	6.0 TTG		U A	5737	COMP+CAN	1/8	3.0 TTG		U A
9951	COMP+CAN	5/16	8.0 TTG		U A	5738	COMP+CAN	5/32	4.0 TTG		U A
9952	COMP+CAN	3/8	10.0 TTG		U A	Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province:					
Yakut Cam A.S ; Sancaktepe, Istanbul:						8563	COMP+CAN	1/4	6.0 TTG		U A
7957	COMP+CAN	1/4	6.0 TTG		U A	8564	COMP+CAN	5/16	8.0 TTG		U A
7958	COMP+CAN	5/16	8.0 TTG		U A	8565	COMP+CAN	3/8	10.0 TTG		U A
7959	COMP+CAN	3/8	10.0 TTG		U A	8566	COMP+CAN	1/2	12.0 TTG		U A
7960	COMP+CAN	1/2	12.0 TTG		U A	Zhejiang Jincheng Glass Co., Ltd. ; Huzhou, Zhejiang:					
Yantai Bluesky Glass Co., Ltd ; Yantai, Shandong Province:						8205	COMP+CAN	5/32	4.0 TBG		U A
8288	COMPOSITE	5/32	4.0 TTG		U A	8206	COMP+CAN	3/16	5.0 TBG		U A
8289	COMPOSITE	1/4	6.0 TTG		U A	6676	COMP+CAN	1/8	3.0 TTG		U A
8290	COMPOSITE	3/8	10.0 TTG		U A	8209	COMP+CAN	5/32	4.0 TTG		U A
Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong Province:						Zhejiang Pusaisi Intelligent Glass Co., LTD ; Shaoxing City, Zhejiang:					
8234	COMP+CAN	3/16	5.0 TTG		U A	8669	COMP+CAN	1/4	6.0 TPG (s) (4)		U A
8235	COMP+CAN	1/4	6.0 TTG		U A	8666	COMP+CAN	5/32	4.0 TTG		U A
8236	COMP+CAN	3/8	10.0 TTG		U A	8667	COMP+CAN	1/4	6.0 TTG		U A
Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong Province:						9123	COMP+CAN	5/16	8.0 TTG		U A
3738	COMP+CAN	1/4	6.0 TTG		U A	8668	COMP+CAN	3/8	10.0 TTG		U A
3739	COMP+CAN	5/16	8.0 TTG		U A	Zhongli Glass Co., Ltd ; Huzhou, Zhejiang:					
3740	COMP+CAN	3/8	10.0 TTG		U A	8495	COMP+CAN	3/16	5.0 TTG (MC)		U A
Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli:						8496	COMP+CAN	1/4	6.0 TTG (MC)		U A
8677	COMP+CAN	1/4	6.0 TTG (MC)		U A	8497	COMP+CAN	5/16	8.0 TTG (MC)		U A
8678	COMP+CAN	5/16	8.0 TTG (MC)		U A	8498	COMP+CAN	3/8	10.0 TTG (MC)		U A
7923	COMP+CAN	3/8	10.0 TTG (MC)		U A	Zhongshan Baiyi Glass Co., Ltd. ; Zhongshan, Guangdong Province:					
7924	COMP+CAN	1/2	12.0 TTG (3)		U A	10125	COMPOSITE	1/4	6.0 TTG		U A
8680	COMP+CAN	*	15.0 TTG (4)		U A	10126	COMPOSITE	5/16	8.0 TTG		U A
Yin Fu (Dong Guan) Glass Co., Ltd. ; Dongguan, Guangdong Province:						10127	COMPOSITE	3/8	10.0 TTG		U A
9027	COMP+CAN	3/16	5.0 TBG		U A	Zhongshan Shengchang Glass Product Ltd. ; Zhongshan, Guangdong Province:					
9028	COMP+CAN	1/4	6.0 TBG		U A	9696	COMPOSITE	1/4	6.0 TTG		U A
9029	COMP+CAN	5/16	8.0 TBG		U A	9697	COMPOSITE	5/16	8.0 TTG		U A
9025	COMP+CAN	5/32	4.0 TPG (m)		U A	9698	COMPOSITE	3/8	10.0 TTG		U A
9026	COMP+CAN	1/4	6.0 TPG (s)		U A	Zhongshan Walle Glass Product Co., Ltd ; Zhongshan, Guangdong Province:					
9112	COMP+CAN	3/8	10.0 TPG (s)		U A	8142	COMPOSITE	1/4	6.0 TTG		U A
9018	COMP+CAN	1/8	3.0 TTG		U A	8143	COMPOSITE	5/16	8.0 TTG		U A
9019	COMP+CAN	5/32	4.0 TTG		U A	8144	COMPOSITE	3/8	10.0 TTG		U A
9020	COMP+CAN	3/16	5.0 TTG		U A	Zhongshan Xinghe Glass Co., Ltd. ; Zhongshan, Guangdong Province:					
9021	COMP+CAN	1/4	6.0 TTG		U A	9294	COMP+CAN	1/4	6.0 TTG		U A
9022	COMP+CAN	5/16	8.0 TTG		U A	9295	COMP+CAN	5/16	8.0 TTG		U A
9023	COMP+CAN	3/8	10.0 TTG		U A	9296	COMP+CAN	3/8	10.0 TTG		U A
9024	COMP+CAN	*	12.0 TTG (3)		U A						
Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province:											
6453	COMP+CAN	1/4	6.0 TTG		U A						
6454	COMP+CAN	5/16	8.0 TTG		U A						
6455	COMP+CAN	3/8	10.0 TTG		U A						
8528	COMP+CAN	*	12.0 TTG (3)		U A						
Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong Province:											
7066	COMP+CAN	3/16	5.0 TBG		U A						
5894	COMP+CAN	1/4	6.0 TBG		U A						
6879	COMP+CAN	5/16	8.0 TBG		U A						
6877	COMP+CAN	5/32	4.0 TTG		U A						
5890	COMP+CAN	3/16	5.0 TTG		U A						
5891	COMP+CAN	1/4	6.0 TTG		U A						
5892	COMP+CAN	5/16	8.0 TTG		U A						
5893	COMP+CAN	3/8	10.0 TTG		U A						
8789	COMP+CAN	1/2	12.0 TTG		U A						
Yorglass Endustriyel Cam Sanayi Ve Ticaret A.S. ; Yunusemre, Manisa:											
8408	COMP+CAN	1/8	3.0 TTG		U A						

CERTIFIED PRODUCTS KEY

Glass Kind Codes

(AN)	ANNEALED
(HS)	HEAT STRENGTHENED
(FT)	FULLY TEMPERED
(CS)	CHEMICALLY STRENGTHENED

Glass Product Type Codes

TTG	TEMPERED TRANSPARENT GLASS
TPG	TEMPERED PATTERNED GLASS
TBG	TEMPERED BENT GLASS
TBP	TEMPERED BENT PATTERNED GLASS
LSG	LAMINATED SAFETY GLASS
OCG	ORGANIC COATED GLASS
OCH	ORGANIC COATED GLASS HYBRID
SPS	SAFETY PLASTIC SHEET
VIGT	VACUUM INSULATING GLASS TEMPERED
VIGL	VACUUM INSULATING GLASS LAMINATED
VITL	VACUUM INSULATING GLASS TEMPERED LAMINATED
CSSG	CHEMICALLY STRENGTHENED SAFETY GLASS

Pattern Glass Attribute Codes

(s)	SHALLOW PATTERN
(m)	MEDIUM PATTERN
(d)	DEEP PATTERN

Miscellaneous Codes

(IN)	INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing for this certification period due to inactive production)
MC	METALIZED COATED

Glass Standard Attribute Codes

U	UNLIMITED SIZE CATEGORY
A	ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP
B	ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP
(2)	CONFORMS TO EN 572-7 THICKNESS TOLERANCES FOR BENT/CHANNEL GLASS
(3)	CONFORMS TO EN 572-2 THICKNESS TOLERANCES FOR TEMPERED GLASS
(4)	CONFORMS TO EN 12150 THICKNESS TOLERANCES FOR TEMPERED GLASS
(5)	CONFORMS TO EN 572-5 THICKNESS TOLERANCES FOR PATTERNED GLASS
(6)	INDOOR USE ONLY
(7)	CONFORMS TO JIS 3202:2011 THICKNESS TOLERANCES FOR TEMPERED GLASS
(c1)	CPSC CAT 1 ONLY
(*)	INDICATES EN STANDARD THICKNESS TOLERANCE

Laminated - Interlayer Generic Codes

(b)	POLY VINYL BUTRAL INTERLAYER
(el)	EPOXY LIQUID CRYSTAL POLYMER
(ip)	IONOMER
(lc)	LIQUID RESIN - MULTI COMPONENT
(lu)	LIQUID RESIN - UV CURE
(p)	POLYETHYLENE TEREPHTHALATE
(f)	FLUORINATED ETHYLENE PROPYLENE INTERLAYER
(u)	POLYURETHANE
(ev)	ETHYLENE-VINYL ACETATE
(PRO)	PROPRIETARY (CONTACT SGCC MANUFACTURER)

Classified Tempered Glass Patterns Key (SD-100)

S (Shallow)

M (Medium)

D (Deep)

X (Pattern available but pattern depth not yet classified.)

*Indicates EN Standard Thickness Tolerance

Pattern Name	Manufacturer	Thickness & Pattern Depth											
inches		1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2	5/8	3/4
mm		3	4	5	0.21	5.5	6	7	8	10	12	16	19
Abstracto	Saint Gobain		D										
Altdeutsch F	Saint Gobain		S										
Altdeutsch K	Saint Gobain		S										
Antique	Saint Gobain		S										
Aqua	AGC	S	S	S			S						
Aqualite	Qingdao Jinjing		S				S						
Aquatex	AGC	S	S	S	S	S	S						
Aqui	AGC	S	S	S			S			S			
Arctic*	Pilkington		D										
Arena C/SR Arena	Saint Gobain	S	S	S			S						
Austral*	Pilkington		D										
Autumn	Saint Gobain						S						
Autumn*	Pilkington		M				X						
Bamboo	AGC			D									
Bamboo	Guardian									S			
Bamboo	Shixing			M			S						
Bamboo	Kibing		D										
Bubble	Guardian	S	S	S		S	S			S			
Cascade	AGC				S	S							
Cast	Saint Gobain									S			
Chantilly*	Pilkington		S										
Charcoal Sticks*	Pilkington		S										
Chinchilla	AGC			S	S	S							
Citrus	AGC	S	S	S									
Contora*	Pilkington		S										
Cotswold*	Pilkington		M				X						
Convex Squares 3"	Nathan Allan									D			
Cross Reeded	AGC		D				M						
Delta	AGC		D				M						
Digital*	Pilkington												
Esto	Guardian						M			M	M		
Estriado/SR Estr	Saint Gobain		M				M						
Etre	Guardian		S				S			S	S		
Everglade*	Pilkington		M				X						
Flax	AGC	M	M, S	S	S	S							
Flemish*	Pilkington		S				M						
Floralite	Guardian		M										
Florex	AGC	M	M										
Florielle*	Pilkington		S										
Fluted	Shandong Jinjing						D		M	S			
Fluted	Qingdao Jinjing			D			M		D				
Flutes	AGC		M	D			D						
Flutex	AGC			D						M			
Glacier	AGC	M	M	D			D			M			
Gluechip	Guardian	M	M	M		M	M			S			
Ground Glass	AGC	S	S	S			S						
Hammered	AGC	S	S	S			S						
Illusions	AGC	S	S	S			S						
Ima	Guardian						M			M	M		
Industrex	AGC	S	S	S	S	S	S						
Kathedral Klein	AGC	S	S	S			S						
Kathedral Max	Saint Gobain		S	S				S					
Kathedral Min	Saint Gobain		S										
Konfeta	AGC		M										
Krystal Flutes	AGC			D									
Krystal Illusions	AGC	S	S	S			S						
Krystal Industrex	AGC	S	S	S			S			S			
Krystal Serenity	AGC	S	S	S			S						
Krystal Storm	AGC		S	S			S			S			
Laliva weiss	Saint Gobain		S										
Leaf	AGC	M											
Listral A	Saint Gobain		S										
Listral D	Saint Gobain		M										

Pattern Name	Manufacturer	Thickness & Pattern Depth											
inches		1/8	5/32	3/16	n/a	7/32	1/4	n/a	5/16	3/8	1/2	5/8	3/4
mm		3	4	5	0.21	5.5	6	7	8	10	12	16	19
Listral F	Saint Gobain		M										
Listral K	Saint Gobain		S										
Listral M	Saint Gobain		D										
Lozenge	Pilkington			D									
Madera	Saint Gobain		D										
Maris	Saint Gobain		M										
Master-Carre	Saint Gobain		M										
Master-Carre	Saint Gobain		M				M		M	M			
Master-Lens w	Saint Gobain		D				D		D				
Master-Ligne	Saint Gobain		M				M		M				
Master-Point	Saint Gobain		M				M		M				
Master-Ray	Saint Gobain		D				D		D				
Master-Shine	Saint Gobain		M				M		M	M			
Mayflower*	Pilkington		S										
Minster*	Pilkington		S										
Mistlite	Qingdao Jinjing		S	S			S						
Monumental M	Saint Gobain		D										
Monumental S	Saint Gobain		M										
Morisco*	Pilkington		M										
Nashiji	Qingdao Jinjing		S										
Niagara	Guardian	D	M	M		M	M			S	M		
Niagara Rain	Qingdao Jinjing			M									
Oak*	Pilkington		S										
Oceanic	Qingdao Jinjing		D										
Optica	Saint Gobain		M										
P-516	Guardian	S	S	S	S	S	S			S	S		
Pattern 62	AGC	S	S	S	S	S	S						
Pattern 73	AGC	M	M										
Pear	Qingdao Jinjing						S						
Pebbles	AGC		M				M			M			
Pelerine*	Pilkington		S										
Pinhead	Taiwan Glass	S		S						S			
Pixels	AGC		M										
Rain	AGC	M	M	M			M		S	S			
Rain	Qingdao Jinjing	M											
Rattan*	Pilkington	M											
Rayado*	Pilkington			S									
Reed	Saint Gobain						M						
Reeded*	Pilkington		D	M			M			M			
Sahara	Saint Gobain		S										
Sateen	Skyline Design		S				S		S	S	S	S	S
Seashell	AGC			M		M							
Serenity	AGC	S	S	S			S						
Silvit	Saint Gobain		D						D	D			
Skytex	AGC				S								
Solatex	AGC	S	S	S									
Solite	AGC	S	S	S									
Sparkel*	Pilkington		D										
Spotlyte	Saint Gobain		D										
Spraylite	Guardian	S	S	S	S	S	S			S			
SR Listral L	Saint Gobain						S		S	S			
Stippolite*	Pilkington		S				X			X			
Storm	AGC		S	S			S			S			
Sunadex	AGC			S									
Sycamore*	Pilkington		S				X						
Taffeta*	Pilkington		S										
Warwick*	Pilkington		S										
Wired 1/2"	Saint Gobain						S						
Wired 1/2"	Saint Gobain							S					
Wired Abstract	Saint Gobain							M					
Visio Sun Glass	Saint Gobain						S						
Wired Listral	Saint Gobain						S						
Wired Waterdrop	Saint Gobain							M					
Waterdrop	Saint Gobain		M										
Yacare*	Pilkington		M										
Zefiro Weiss	Saint Gobain		M										

SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)

In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data.

L.1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).

All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data. All Indoor use only products must submit Indoor Use Only Weathering requirements to ANSI Z97.1-2015 by 12/31/2016 to maintain approval on this list. Interlayer suppliers not providing weathering data to SGCC by 12/31/16, will no longer be available for manufacturers to use in SGCC certified products. (7/1/16)

Generic Code & Description							
	(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(u) Polyurethane	(ev) Ethylene-Vinyl Acetate	
	(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(p) Polyethylene Terephthalate	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	Min. Interlayer Thickness (mm)	Weathering Data on file
(b)	Polyvinyl Butyral	Eastman Chemical Company	Saflex IIIG/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex Specialty	Saflex Q, AG, DB/DS	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex Composite	Saflex V, K series	(0.030)	(0.76)	✓
		Eastman Chemical Company	Saflex FlySafe 3D		(0.060)	(1.52)	✓
		Kuraray	Trosifol Clear & Decorative	Clear (B200&B500), UltraClear, XT UltraClear, HR (HR100), UV ExtraProtect (EP), Natural UV(NUV), BirdSecure Pro, Brilliant Colors/Tints	(0.015)	(0.38)	✓
		Kuraray	Trosifol Specialties	SentryGlas Expressions, Extra Stiff (ES), SC Monolayer, Solar R40 (B900)	(0.030)	(0.76)	✓
		Chang Chun	Winlite		(0.015)	(0.38)	✓
		Sekisui S-Lec	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film		(0.030)	(0.76)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™	NC0, LAM50, LCM50	(0.015)	(0.38)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™ SUPER TOUGH	LAM72T	(0.030)	(0.76)	✓
		Kingboard (FO Gang) Specialty Resins Ltd.	Kingboard		(0.015)	(0.38)	✓
		Anhui Wanwei Bisheng Co., Ltd.	Bisn©		(0.030)	(0.76)	✓
		Gutmann PVB Plastic Sheets Manufacturing LLC	Gutmann PVB	Clear	(0.030)	(0.76)	✓
		Anhui MEIBANG Resin Technology Co., Ltd	MEIBANG PVB		(0.030)	(0.76)	✓
		Zhejiang Decent New Material Co., Ltd.	Architectural PVB		(0.030)	(0.76)	✓
(u)	Polyurethane	SWM International	ArgoBond®	ST-6050	(0.050)	(1.27)	✓
		Satinal S.p.a	Strato®		(0.015)	(0.38)	✓
(ip)	Ionoplast	Kuraray	Trosifol SentryGlas®, SentryGlas® BirdSecure Pro		(0.035)	(0.89)	✓
		Kuraray	Trosifol SentryGlas® Xtra™		(0.035)	(0.89)	✓
		China E&N Film Technology	ENsafe-MG		(0.030)	(0.76)	✓
		Fujian Meidi Plastic Technology Co., Ltd.	R-SGP		(0.060)	(1.52)	✓
		Dongguan Jinfu New Material Technology Co., Ltd.	SGPGlas		(0.035)	(0.89)	✓
(lu)	Liquid Resin - UV Cure	Bestroom Co. Ltd.	UVLAM		(0.040)	(1.02)	✓
		H.B. Fuller- Kommerling	Kodilan GS-LED		(0.040)	(1.02)	✓
		ALLNEX	UVEKOL		(0.040)	(1.02)	✓
(ev)	Ethylene-Vinyl Acetate	Interlayer Solutions, inc.	EVALAYER		(0.015)	(0.38)	✓
		Folienwerk Wolfen GmbH	Evguard® - UV380, Polar White, Milky White		(0.015)	(0.38)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Crystal		(0.015)	(0.38)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Visual		(0.015)	(0.38)	✓
		RCN Solution SRL	REVA BF		(0.015)	(0.38)	✓

Generic Code & Description							
	(b) Polyvinyl Butyral	(lu) Liquid Resin - UV Cure	(f) Fluorinated Ethylene Propylene	(lc) Liquid Resin-Multi Component	(u) Polyurethane	(ev) Ethylene-Vinyl Acetate	
	(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(p) Polyethylene Terephthalate	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	Min. Interlayer Thickness (mm)	Weathering Data on file
(ev)	(Continued)	IGE Supply Solutions, Inc.	Shenzhen Gaoren Electronic New Material Co.,Ltd - ASQ1X Extra Clear EVA Film		(0.015)	(0.38)	✓
		SWM International	ArgoBond®	SE-381TF	(0.030)	(0.76)	✓
		TPI All Seasons Company Ltd.	Vistasafe- VS103		(0.015)	(0.38)	✓
		Satinal S.p.a.	Strato®		(0.015)	(0.38)	✓
		Shanghai HIUV New Materials Co., Ltd.	HIUV-PVE		(0.015)	(0.38)	✓
		Tianjin Caida New Materials Technology Co., Ltd.	PVG® EVA		(0.030)	(0.76)	✓
(ev)(p)	Ethylene-Vinyl Acetate / Polyethylene Terephthalate	Folienwerk Wolfen GmbH	Evguard®+ MPE		(0.015)(0.008) (0.015)	(0.38)(0.20) (0.38)	✓
		Satinal S.p.a.	Strato® EVA + Strato® Rigido		(0.015)(0.020) (0.015)	(0.38)(0.51) (0.38)	✓
(el)(p)	Epoxy-Liquid Crystal Polymer / Polyethylene Terephthalate	Polytronix, Inc.	Polyvision Film		(0.075)	(1.905)	✓
(su)	Solid resin UV cure	Seeory Materials Corp	Seeory Interlayer		(0.030)	(0.76)	✓

SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN THE ANSI AND CAN/CGSB CERTIFICATION PROGRAMS (SD-101)

The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory. **Please note:** For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.

California	Georgia
125 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 2524 East Jensen Ave.; Fresno, CA 93706 Attn: Kenny White, Mr. Joshua Lannum, Mr. Tyler Westerling, Ms. Marisela Saavedra, Ms. Shannon Stein Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kenny.white@intertek.com, joshua.lannum@intertek.com, Tyler.Westerling@Intertek.com, Marisela.Saavedra@Intertek.com, Shannon.Stein@Intertek.com	165 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1701 Westfork Dr., Suite 106; Lithia Springs, GA 30122 Attn: Ms. Melissa Nuttall, Daniel Carroll, Mr. Niles Curry, Ms. Andrea Torrey Phone: (770) 941-6916 Fax: (770) 941-2930 Email: melissa.nuttall@intertek.com, daniel.carroll@intertek.com, Niles.Curry@intertek.com, andrea.torrey@intertek.com
Florida	Iowa
250 - Construction Consulting Laboratory West Inc. Construction Consulting Laboratory West Inc., 4751 W State St Ste B; Ontario, CA 91762 Attn: Mr. Jack Jackson, Ms. Cheyenne Jackson, Mr. Chad Jackson Phone: (909) 591-1789 Fax: (909) 627-9020 Email: Jack@ccl-west.com, cheyenne@ccl-west.com, chad@ccl-west.com	500 - Element Materials Technology Des Moines Element Materials Technology Des Moines, 3922 Delaware Avenue; Des Moines, IA 50313 Attn: Austin Heiselman, Adam Scarlett, Brian Escherich, Ms. Amy Suedmeier Phone: (515) 266-5101 Fax: (505) 262-1910 Email: austin.heiselman@element.com, adam.scarlett@element.com, brian.escherich@element.com, amy.suedmeier@element.com
Florida	Minnesota
75 - Blackwater Technical Services, Inc. Blackwater Technical Services, Inc., 7341 Westport Place, Suite 1A; West Palm Beach, FL Attn: Mr. Michael Caldwell, Mr. Wyatt Sherman, Mr. Craig Cunningham, Mr. Warner Ward, Ms. Estefany Camargo Phone: (561) 508-2830 Fax: (888) 704-4084 Email: mikecaldwell@blackwatertesting.com, wsherman@blackwatertesting.com, ccunningham@blackwatertesting.com, wward@blackwatertesting.com, bwreception@blackwatertesting.com	150 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 40 51st Way NE Suite 100; Fridley, MN Attn: Mr. Lukas Bayer, Georgia Degel Phone: (651) 636-3835 Fax: (651) 636-3843 Email: lukas.bayer@intertek.com, georgia.degel@intertek.com
Florida	New York
285 - QAI Laboratories, Inc. QAI Laboratories, Inc., 8148 NW 74th Avenue; Medley, FL 33166 Attn: Jose Sanchez, Mr. Luis Sanchez, Sarah Hernandez Phone: (305) 885-3328 Fax: (305) 885-3329 Email: jsanchez@qai.org, lsanchez@qai.org, shernandez@qai.org	400 - Intertek Intertek, 75 Clinton Avenue; Cortland, NY 13045 Attn: Mr. Justin Morgan, Mr. Ken Morgan, Mr. Russell Mantey, Mr. Tanner Lang, Mr. Kevin Reese Phone: (607) 758-6687 Fax: (607) 758-6666 Email: justin.morgan@intertek.com, ken.morgan@intertek.com, russell.mantey@intertek.com, tanner.lang@intertek.com, kevin.reese@intertek.com
Florida	Ohio
850 - PRI Construction Materials Technologies PRI Construction Materials Technologies, 6412 Badger Dr; Tampa, FL 33610 Attn: Mr. Brad Grzybowski, Tim Efaw Phone: (813) 621-5777 Fax: (813) 621-5840 Email: brad.grzybowski@pri-group.com, tim.efaw@pri-group.com	200 - Bowser-Morner Inc. Bowser-Morner Inc., 4518 Taylorsville Rd; Dayton, OH 45424 Attn: Vicki Appora Phone: (937) 236-8805 Fax: (937) 237-9947 Email: vappora@bowser-morner.com

SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN THE ANSI AND CAN/CGSB CERTIFICATION PROGRAMS (SD-101)

The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory. **Please note:** For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.

Pennsylvania	Washington
100 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 130 Derry Court; York, PA 17406-9405 Attn: Intertek York SGCC, Mr. Chad Peterman, Mr. Cory Straub, Mr. Jeffrey Zwiener, Mr. Thomas Mickley Phone: (717) 764-7700 Fax: (717) 764-4129 Email: yorksggroup@intertek.com, chad.peterman@intertek.com, cory.straub@intertek.com, jeffrey.zwiener@intertek.com, tom.mickley@intertek.com	195 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 22155 68th Ave. South; Kent, WA 98032-1937 Attn: Mr. Steve Kim, Mr Arbind Raj, Mr. Tony Donaldson, Ms. Rachel Pankaskie Phone: (253) 395-5656 Fax: (717) 764-4129 Email: steve.y.kim@intertek.com, arbind.raj@intertek.com, tony.donaldson@intertek.com, rachel.pankaskie@intertek.com
103 - Architectural Testing Inc. (an Intertek Co.) Architectural Testing Inc. (an Intertek Co.), 850 Poplar Street; Pittsburgh, PA 15220 Attn: Mr. Steve Shank, Mr. Benjamin Rysak, Mr. Matthew Hollinger, Mr. Daniel Vasko Phone: (724) 351-1536 Fax: Email: Stephen.Shank@Intertek.com, benjamin.rysak@intertek.com, matthew.hollinger@intertek.com, daniel.vasko@intertek.com	Canada Ontario 450 - Intertek Testing Services NA, Ltd. Intertek Testing Services NA, Ltd., 6225 Kenway Dr.; Mississauga, ON L5T 2L3 Attn: Mr. Matheo Iturralde Rodriguez, Mr. Tyrone Williams, Mr. Abdul Shahnawaz, Mr. Nahom Resom Phone: (905) 678-7820 Fax: Email: matheo.rodriguez@intertek.com, tyrone.williams@intertek.com, abdul.shahnawaz@intertek.com, nahom.resom@intertek.com
911 - Molimo, LLC. Molimo, LLC., 1410 Eden Road; York, PA 17402 Attn: Mr. Lance Cunningham, Mr. Jon Leaf, Mr. Justin Bupp, Ms. Carrie Castriota Phone: (717) 916-6300 Fax: (717) 318-5788 Email: lcunningham@molimo.com, jleaf@molimo.com, jbupp@molimo.com, ccastriota@molimo.com	Canada British Columbia 950 - Intertek Intertek, 1500 Brigantine Dr. ; Coquitlam, BC V3K 7C1 Attn: Baldeep Sandhu, Mr. Chris Chang Phone: (604) 520-3321 Fax: Email: baldeep.sandhu@intertek.com, chris.e.chang@intertek.com
955 - Molimo, LLC. Molimo, LLC., 1140 Lincoln Ave; Springdale, PA 15144 Attn: Joe Allison, Mr. James Wilson, Mr. Mike Matovcik, Mr. Michael Stremmel, Ms Sandy DiCaro Phone: 724-410-7324 Fax: Email: jallison@molimo.com, jwilson@molimo.com, mmatovcik@molimo.com, mstremmel@molimo.com, sdicaro@molimo.com	
Texas	
175 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1909 10th Street, Suite 100; Plano, TX 75074-8009 Attn: Mr. Jacob MacMaster, Mr. Jeff Crump, Cassandra Matthews Phone: (469) 814-0687 Fax: Email: Jacob.MacMaster@intertek.com, jeffrey.crump@intertek.com, cassandra.matthews@intertek.com	

Appendix A

*Guidance for the SGCC Certification of
Laminated Glass (SD-210)*



safety glazing certification council

P.O. BOX 730

SACKETS HARBOR, N. Y. 13685 PHONE 315-646-2234

FAX 315-646-2297

Guidance for the SGCC Certification of Laminated Glass

(Approved 09/13/2023)

Summary

The concept for the SGCC Certification of laminated glass is that initial testing must be performed on two sets of laminated glass units comprised of 1.) thinnest nominal overall thickness constructed from two lites of the thinnest nominal glass thickness to be used in a laminated glass construction for which certification is desired and 2.) thickest nominal overall thickness constructed from two lites of the thickest nominal glass thickness to be used in a laminated glass construction for which certification is desired. Certification of a laminate with a nominal overall thickness of 16 mm or greater (containing two lites of minimum 8 mm glass) will automatically qualify laminates constructed with thicker glass. Glass thickness is defined by ASTM C1036. The glass Kind for each set must be the same based on the glass Kind for which certification is required. The interlayer in each of those sets shall be the thinnest for which certification is desired and shall be one of the interlayers listed on the SGCC Approved Interlayer list. Ongoing certification shall be conducted through testing of the thinnest nominal laminate thickness certified from that set with the same glass Kind and the same thickness and type of interlayer used in the original certification.

Despite thickness or generic class of interlayer, a product can only be certified to the performance requirements that it will consistently meet. Therefore, as an example, product AAAA (6mm LTG (b) (0.38) (CI) (B)) which will only pass Category I of CPSC and impact class B of ANSI, will need to be certified separately from product BBBB (6mm LTG (b) (0.76) (CII)(A)) which will pass Category II of CPSC and impact class A of ANSI. A laminate meeting the higher impact class (Cat II or Class A) automatically qualifies to meet the requirements of the lower impact class (Cat I or Class B) without further testing. But not vice versa, i.e if you test/certify initially to Impact class B of ANSI, you will need to certify products from impact class A of ANSI separately.

Definitions

Inserts: Layers of sheeting or materials, continuous or non-continuous, within an encapsulated system. *See diagram below for further guidance.*

Interlayer: A layer or multiple layers of material acting as an adhesive between lites of glass and/or plastic which add(s) additional performance to the finished product, for example, penetration resistance, glass or plastic shard retention, solar control, acoustical insulation, color, design, or combinations thereof.

Laminate: an assembly consisting of two or more lites of glass and/or plastic that are bonded together by interlayer material.

Lite: a panel or sheet of glass or a panel or sheet of laminated glass.

Ply: an individual layer of glass or plastic in a laminate.

Kind: A classification of flat glass based on strengthening. Kinds are: Annealed (AN), Heat-strengthened (HS), Fully tempered (FT) or chemically strengthened (CS).

SGCC List of Accepted Interlayers

SGCC shall maintain a list of accepted interlayers per generic code (please see the SGCC website <https://www.sgcc.org/laminated-glass>). Testing of an interlayer covers all thicker and colored interlayers of the same type. Impact certification of laminated glass containing one brand of accepted interlayer will allow use of other SGCC accepted interlayer brands within the same generic code.

See Appendix A for *How to get on the SGCC Accepted Interlayer List*.

Generic Interlayer/Film Categories

Table 1: Table of Accepted Interlayer Generic Codes.

Generic Code	Description
(b)	Polyvinyl Butyral (PVB)
(ip)	Ionoplast
(lc)	Liquid Resin-Multi Component
(lu)	Liquid Resin – UV Cure
(p)	Polyethylene Terephthalate (PET)
(f)	Fluorinated Ethylene Propylene
(u)	Polyurethane (PU/TPU)
(el)	Epoxy-Liquid Crystal Polymer
(ev)	Ethylene-vinyl Acetate (EVA)
(su)	Solid Resin UV Cure

Nominal Thickness

Nominal laminate thickness is not an exact or minimum thickness. It is a summation of the nominal thicknesses of the individual glass lites in the laminate; therefore, deviation around these values is expected. Using metric glass thicknesses, the convention of “glass 1 + glass 2 (mm), Interlayer thickness mm) and SGCC interlayer designation” gives tremendous flexibility and allows for rapid understanding and summation of overall thickness, thus leading to quick understanding of approvals based on thicknesses of components. Some examples follow in Table 2.

Table 2: Examples of laminated glass abbreviated nomenclature.

Detailed Configuration	Summary Nomenclature mm
3 mm (1/8 inch) glass 0.76 mm (0.030 inch) PVB interlayer 3 mm (1/8 inch) glass	3,3-0.76b
6 mm (1/4 inch) glass 1.52 mm (0.060 inch) TPU interlayer 6 mm (1/4 inch) glass	6,6-1.52u
4 mm (5/32 inch) glass 1.52 mm (0.060 inch) IP interlayer 6 mm (1/4 inch) glass	4,6-1.52ip

Testing of 16 mm (5/8 in.) laminated glass (i.e., 8,8-0.76b) or thicker covers all thicker laminated glasses with the same generic interlayer type. This guideline is in recognition that 1) such products are typically used for applications which require strength characteristics beyond normal human impact safety glazing and 2) SGCC testing has historically shown consistent compliance of such products.

Table 3: Typical Interlayer Nominal Thickness

Metric (mm)	Traditional (in)
0.38	0.015
0.51	0.020
0.64	0.025
0.76	0.030
0.89	0.035
1.14	0.045
1.27	0.050
1.52	0.060
1.905	0.075
2.286	0.090

Note: (Formerly L.6) Thickness of the interlayer shall be measured by the SGCC® standard method.

Testing of the thinnest interlayer of a type covers all thicker interlayers in laminates for that Class (Cat II or Class A; Cat I or Class B). This guideline is in recognition that 1) increase in interlayer thickness increases impact capability and 2) SGCC testing has historically shown consistent compliance of such products.

When two sets of laminated glass are tested, all nominal laminate thicknesses between and inclusive of the nominal thicknesses tested will be included in the certification. These laminates may have symmetrical or asymmetrical construction provided the overall nominal

laminate thickness is not below or above those configurations used to gain certification. The nominal thickness of the individual glass lites cannot be less than the nominal thickness of the glass plies used in initial testing of the thinnest nominal laminate thickness and cannot be greater than the nominal thickness of the glass plies used in initial testing of the thickest nominal laminate thickness unless units with 2 lites of 8 mm or greater have been used in the initial testing. For example: initial testing with 4mm | interlayer | 4mm does not certify 3mm | interlayer | 5 mm, AND initial testing with 3mm | interlayer | 5mm does not certify 4mm | interlayer | 4mm

The interlayer must be of the same type and the minimum thickness for which certification was achieved. For example, two sets of laminates are submitted and passed with 4,4-0.76b and 8,8-0.76b, laminate thicknesses with any combination of 4,5,6, and 8 mm glasses and a minimum thickness of 0.76 mm PVB are covered under the current certification. And, since the example above is certified for a nominal laminate thickness of 16 mm, a laminate with any glass lite at or thicker than 8 mm is also certified.

Initial Testing

Initial testing for certification of laminated glass at each fabrication facility will require two laminated glass sets to be submitted with the same glass Kind, and the same type and thickness of interlayer. The first set of laminates shall be constructed with the thinnest nominal glass thickness and the thinnest interlayer of each generic category of interlayer for which certification is desired (i.e., 2.7 mm glass | 0.76 mm interlayer | 2.7 mm glass). The second set of laminates shall be constructed with the thickest nominal glass thickness and the thinnest interlayer of each generic category of interlayer for which certification is desired (i.e., 8 mm glass | 0.76 mm interlayer | 8 mm glass). This is graphically described in Figure 1. A single set of laminates may be submitted for initial testing. Unless these laminates are made of 8 mm or greater lites of glass, their certification would be limited to that single nominal laminated thickness as tested and must use the same nominal glass thickness as what was tested. If testing was conducted with glass lites 8 mm or greater, certification would cover the laminate construction as tested plus any laminate having glass thicker than what was tested, but not anything thinner.

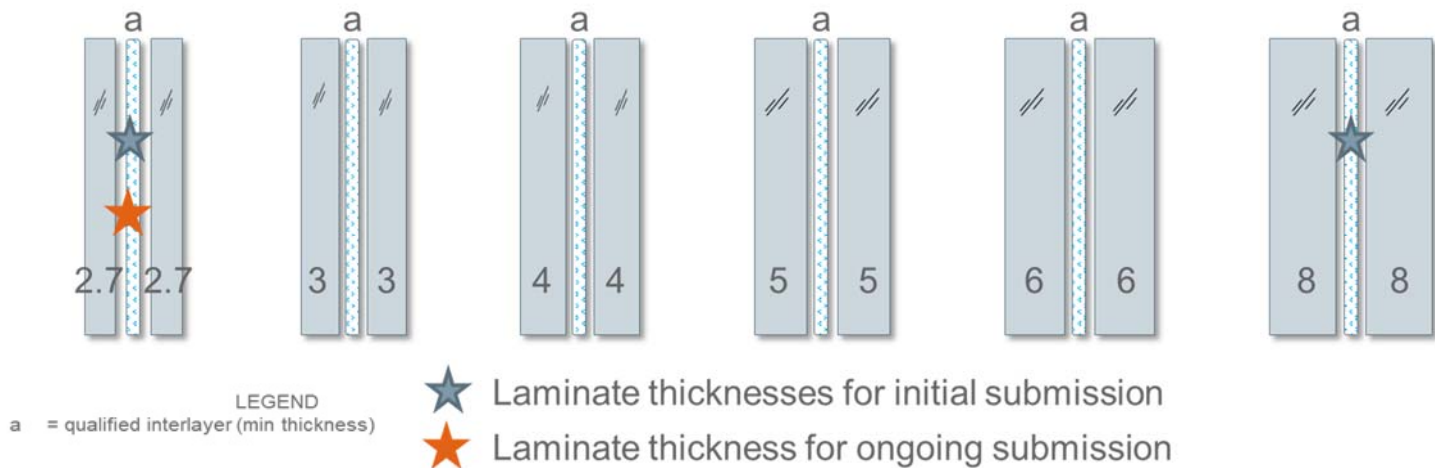


Figure 1 – Example of initial and ongoing laminated glass thickness submissions for certification (symmetrical glasses)



Figure 2 – Example of initial and ongoing laminated glass thickness submission with asymmetrical glasses

A product can only be certified to the performance requirements it will consistently meet, for example, an 0.38 mm (0.015 inch) interlayer meeting ANSI Class B will need to be certified separately from 0.76 mm (0.030 inch) and greater interlayer meeting ANSI Class A for each nominal thickness and each generic category of interlayer for which certification is desired.

Ongoing Certification

Ongoing certification testing shall be performed with the thinnest nominal laminate thickness certified from that set with the same glass Kind and the same thickness and type of interlayer used in the original certification.

Regular audit sample selection procedures shall apply for laminated glass. For **“Participant”** selected samples, ongoing testing shall be with the thinnest interlayer and the thinnest product certified for each generic interlayer category. For **“Auditor”** selected samples, ongoing testing shall be with any thickness product of the same glass Kind and generic interlayer category, at the discretion of the SGCC auditor.

Glass Modifications to Existing Certified Laminates

Glass Kind: Laminated glass is also certified by its base glass Kind (strength) or heat treatment (AN= annealed, HS= heat-strengthened, FT= tempered, CS= chemical strengthened). Certification with annealed (AN) glass will cover heat-strengthened (HS), fully tempered (FT), and chemical strengthened (CS). Testing to HS will only cover HS and FT. Testing to FT will only cover FT. Testing to CS will only cover CS. Figure 3 and Table 5 are provided to help visualize and quickly determine if a change in glass Kind requires testing.

Table 4 – Reference table for testing requirements for a change in glass Kind.

From	To	Acceptance
AN	HS	Automatic
AN	FT	Automatic
AN	CS	Automatic
HS	AN	TEST
HS	FT	Automatic
HS	CS	TEST
FT	AN	TEST
FT	HS	TEST
FT	CS	TEST
CS	FT	TEST
CS	HS	TEST
CS	AN	TEST

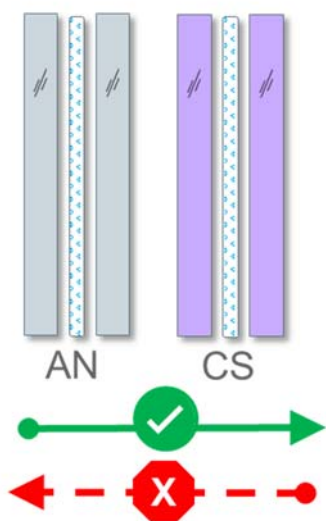


Figure 3: Diagram showing testing needs to change glass Kind for CS glass

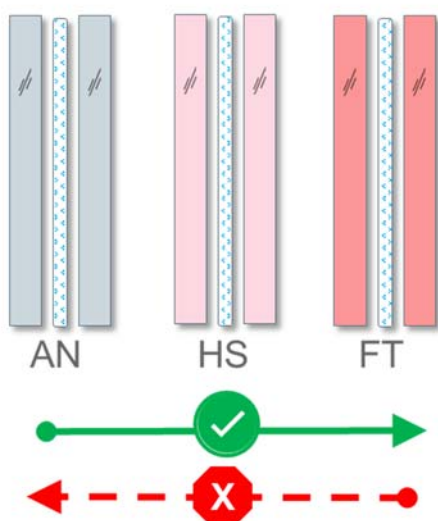


Figure 4 Diagram showing testing needs to change glass Kind for AN, HS and FT.

Glass changes other than glass Kind can also be modified without the need to test, provided a base configuration has been tested and meets the initial requirements. Figure 5 illustrates the configurations that are acceptable without additional weathering and impact testing.

Acceptable Modifications to Glass are the following: *See diagram below for further guidance.*

- Glass Metalized Coating: any change from uncoated to Low-e, reflective, sputtered (soft coat), pyrolytic (hard coat). The coatings are either toward the interlayer or on the exterior surfaces of the laminate.
- Decorative Coatings: Decorative coatings and prints which are inorganic and chemically bonded (fused) to glass (ceramic enamels) and within a laminated glass product, do not need additional testing and are included in certification if the base testing passes. Decorative coatings and prints which are organic or not chemically bonded (fused) to glass (elastomeric coatings, surface applied films or tapes) within a laminated glass product will require weathering and impact testing.
- Glass Color change
- Glass texture change (external to interlayer orientation only). This must be towards the exterior of the laminate and not in contact with the interlayer.

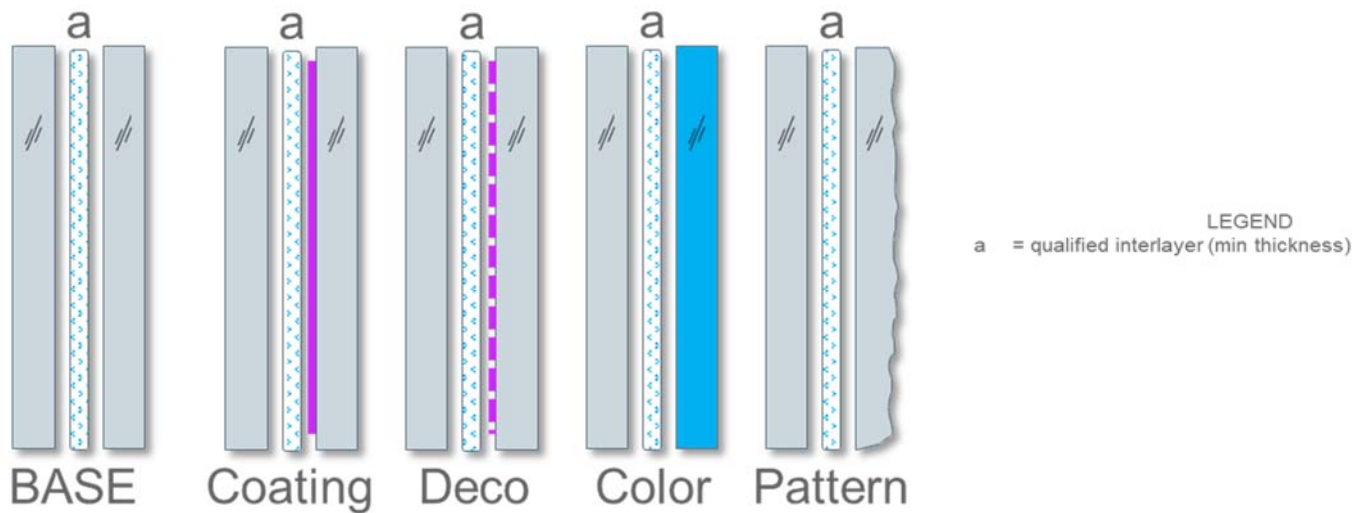


Figure 5: Allowable changes in or on glass without the need for additional weathering or additional impact testing.

A summary of the interlayer or insert changes which either qualify for automatic acceptance, or require weathering and/or impact testing are outlined and detailed in Figure 6.

Test Type	Base	Thickness	Color	Coating Print	Encap 1	Encap 2	Insert
Description	Qualified base product	Increase in interlayer thickness	Glass or interlayer color change	Coating or print applied to glass toward interlayer	Insert between qualified interlayers	Insert between qualified and unqualified interlayer	Insert between glass and interlayer
Weathering	Required	Not Required	Not Required	See note	Not Required	Required	Required
Impact	Required	Not Required	Not Required	See note	Not Required	Required	Required

NOTE: For inorganic coatings, weathering and impact testing **is not** required. For organic coatings, weathering and impact testing **is** required.

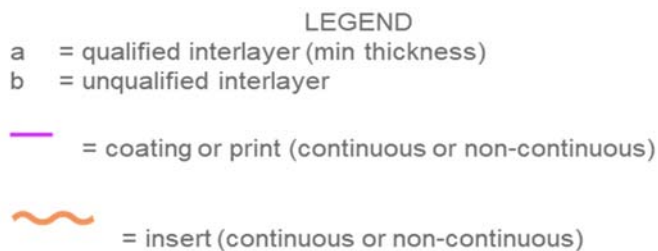


Figure 6: Changes to laminates with regard to interlayer contact to glazing or inserts

In summary, color changes, decorative or metalized coatings on glass such as pyrolytic (hard coat), sputtered (soft coat), ceramic enamels; and acid etch or sandblast (thinnest section no less than thickness qualified), in contact with the interlayer, or inserts are automatically accepted without the need for further testing if the interlayer is already on the SGCC accepted interlayer list with the following exceptions:

- a.) The interlayer on either side of an insert is not the same or greater thickness than the interlayer qualified as a single layer with regard to the performance class tested (Class A (Cat II) or Class B (Cat I)).
- b.) The insert material is placed between an interlayer and the glass. In this case weathering and impact testing must be done (even if the interlayer is already accepted).

If an interlayer is not already accepted by SGCC, then weathering and impact testing must be done.

The fabricator maintains sole responsibility for establishing compatibility, durability, and retention of impact properties for all materials used in any laminated composite or encapsulated interlayer system.

Sample Certified Products Directory (CPD) Listing

SGCC#	TEST STD	MIN CONFIGURATION	MAX CONFIGURATION	TYPE	KIND	MAX SIZE	ANSI CLASS
AAAA	Composite	3,3-0.38(b)	8,8-0.38(b)	LSG	AN	U	B
BBBB	Composite	3,3-0.76 (b)	6,6-0.76(b)	LSG	HS	U	A
CCCC	Composite	5,5-0.89(ip)	8,8-0.89(ip)	LSG	FT	U	A

The configuration columns shall indicate the range of the overall nominal thickness of the laminate and any limitations. For example, SGCC BBBB above is certified for all nominal thickness laminates from 6 mm to 12 mm.

SGCC Labeling Requirements

SGCC labeling guidelines shall apply with the addition of the nominal laminate thickness.

Sample Labels: (Minimum Requirements)

Federal Code (CPSC) designation 16 CFR 1201 – Performance Category (I or II)

The words “American National Standard Z97.1-2015” or the characters “ANSI Z97.1-2015”

SGCC number–ANSI Z97 test size classification (U or L) – drop height class (A or B)

Examples of labels:

ABC Glass	ABC Glass	ABC Glass
16 CFR 1201 I	Laminated	Plant Code
ANSI Z97.1 – 2015	16 CFR 1201 II	16 CFR 1201 II
SGCC AAAA UB	ANSI Z97.1 – 2015	ANSI Z97.1 – 2015
	SGCC BBBB UA	SGCC CCCC UA1

Optional label content: Supplier’s Name, distinctive mark, plant location code, glass type as defined in ANSI Z97-15 section 5.1.4 (Type 1,2,3, or 4) or spelled out (Laminated, Tempered, Organic Coated or Plastic), and date of manufacture.

Indoor Use Only Label Requirement (example)

ABC Glass
16 CFR 1201 I
ANSI Z97.1-2015
SGCC AAAA UB
INDOOR USE ONLY

Appendix A

How to get on the SGCC Accepted Interlayer List

SGCC shall maintain a list of accepted interlayers per generic category. For a specific model of interlayer to be placed on the accepted list, weathering, and impact data to the applicable reference standard (ANSI Z97.1, CPSC 16CFR 1201, or ASTM C1900) must be submitted to SGCC for review and acceptance.

(Formally Laminated Guideline L.10) For certification to ANSI Z97.1 section 5.4, weathering tests on laminated glasses shall be performed on the thinnest construction of all components in clear glass with clear interlayer. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. interlayer manufacturer. Since SGCC's acceptance of weathering data is a "one-time" event, no formal weathering lab approval will be required. However, at time of weathering data submittal, the weathering test facility shall submit an explanation why they are competent to perform such tests. Justification of competence shall be judged on any facility's history and experience. (Revised 1/30/2012)

Weathering data is accepted from interlayer manufacturers with a signed affidavit stating the weathering was carried out in accordance with either ANSI Z97.1 and/or ASTM C1900. The data showing zero-time values and delta values for visible light transmittance, yellowness, haze, and color (Delta E) must also be provided. All weathered laminates must be below 7.24 mm overall thickness. Testing of an interlayer covers all thicker and colored interlayers of the same type. Weathering data may also be submitted by independent third parties. Impact test reports must be provided by an SGCC licensee or by an interlayer supplier. Impact testing must be done at an SGCC Approved Testing Laboratory. A list of accepted interlayer brands per generic category shall be maintained and published by SGCC. Impact certification of laminated glass containing one brand of accepted interlayer will allow use of other SGCC accepted interlayer brands within the same generic category.

Once passing test results have been achieved, the report(s) should be forwarded to SGCC for review and an Approval Letter for Interlayer Acceptance will be issued to the supplier. Once approved, the *SGCC List of Accepted Interlayers (SD-99)* list will be updated and published to the SGCC public website.