



safety glazing certification council

July 2024

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



July 2024

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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Onyx Solar Energy, S.L.	Alvaro Beltran		
Opulux Glass	Mubeen Aslam		
P&C Tempered Glass, LLC.	Arnaldo Cruz Gonzales	Elsó Perez Sotolongo	
Panasonic Housing Solutions Co., Ltd.	Takeshi Kimura	Hiyoruki 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		
PGF Glass Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
Philly Glass Industry Inc.	Danny Zhu	Ben Zhu	
Pingdingshan Youbo Glass Technology Co., Ltd.	Zhao Zhenguo	Luo Qiaoliang	
Portland Glass Manufacturing	Dave Campbell		
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		
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	Michal Aleksandrowicz	Magdalena Pisera	
PT Abebersa Pratama	Mahud Halim		
Pulp Studio, Inc.	Bernard Lax		
Qianse Acrylic Co., LTD.	Spring Liang		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Qingdao Apis Glass Industries Co. Ltd.	Zhang Li		
Qingdao Chinastar Glass CO., Ltd.	Li Bangshan	Shirley Gan	
Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	Liang Wang	Frank Jia	
Qingdao Ideal Building Material Co. Ltd.	Yan Feng		
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 Mingjingyuan Safety Technology Glass	Gavin Pan		
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
Qinhuangdao Yaoyou Engineering Glass Co., LTD.	Yan Jun	Wang Jianbing	
Quaker Window Products, Inc.	Curtis Weavers		
Quality Enclosures Tempering, Inc.	Marvin Aguilar		
Quality Enclosures, Inc.	Michael Schwartz		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quest USA, Inc.	Joe Kuykendall	Charles Burt	
Quest Window Systems	Daniel Zalzman		
R&R Insulated Glass Products D.B.A. Aurora Windows	Ery Hernandez	Selena Hernandez	
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
Renin Canada Corp.	Shervin Shahriari	Mardi Huelsekopf	
Resman Glass PVC Aluminum SAN. VE TIC. A.S.	Buse Duygu Dagidir	Burak Koprulu	
Rider Glass Company Limited	Luis Liu	Simon Li	
Rizhao Huaye Glass Co., Ltd.	Alex Yin	Grant Lee	
Robover Inc.	Tommy Fortier	Alain Fortin	
Rohden Vidros LTDA	Edilene Kniess	Lenuir Kniess	
SAAND Inc.	Paul Ferguson	Steve Callahan	
Saban Acikgoz Ins Malz San Tic AS	Gunay Acikgoz	Sinah Acikgoz	
Safti First	Sean Ross	Josh Bascue	
SAGE Electrochromics Inc.	Chuck Hayes	Dianne Dahl	
Saint Gobain Mexico, S.A. de C.V.	Alberto Boix	Gladys Rios	
SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial	Magdalena Morgiewicz	Mateusz Krokosz	
Saudi American Glass Company	Geoff Sparks		
SC Olin S.R.L.	Marian Costache	Ioan Grigoras	
Selective Shower Glass Designs Inc.	Fabio Castiblanco	Luz Adriana Alvarez	
Senneca Holdings Inc. (Thermoseal Brand)	Joseph Sokalski		
Sfera SRL	Vianello Elio		
SGC International Inc.	James Huang		
SGP Acquisition Inc. (Specialty Glass Products)	Patrick Bloom	Richard Merdzinski	
Shandong Blue Glass Technology Co., Ltd.	Ma Qiang	Dou Jie	
ShanDong HaanGlas Co., LTD	Han XiaoQing	Zhang YongJian	
Shandong Kingtom Glass Co., Ltd.	Tao Zhenmin		
Shandong Taishan Huayue Glass Co., Ltd.	Gao Hu	Liu Fan	
Shandong Wensheng Glass Technology Co., Ltd.	Yuetao Liu	Bo Chen	
Shandong Yaohua Glass Co., Ltd.	James Hu		
Shanghai HJ Safety Glass Co., Ltd	Hou Longtao	Hui Zihua	
Shanghai Jiajie Glass Co., Ltd.	Li Hongzhen	Matt Wang	
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Da Hai		
Shanghai Zhenzhen Glassware Co., LTD.	Brian Y. L. Chong		
Shape Glass LLC.	Brian Bradford		
Shenzhen Sun Global Glass Co., Limited	Zhang Guanghui		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Shower Doors & More Inc.	Page Giacin	Larry Giacin	
Sichuan CSG Energy Conservation Glass Co., Ltd.	Liu Song		
Sierra Glass Fabrication Inc.	Jack Baum		
SIGCO, Inc.	David A. McElhinny	Matthew Dunn	
Simonton Windows	Tina Seese	Steven Saffell	
Singapore Safety Glass Pte Ltd.	Chua Teck Huat	Lim Chye Hong	
Sisecam Flat Glass Italy S.r.l.	Antonio Santoro		
Sky Land Glass Corp.	Ricky Zeng		
Skyline Design	David Wildfield		
Soluciones Arquitectonicas, S.A. De C.V.	Pablo Andres Rishmawi C.	Marco Ivan Mendoza R	
Soluciones Vitro Plano S.A. de C.V.	Alberto Vilchis Trujillo		
South Bay Showers, Inc.	Michael Sutton		
Southern Wholesale Glass	Mark Michael		
Splendor Shower Door	John Wanamaker	Tom Wanamaker	
Standard Bent Glass	Denise Swigart		
Star Glass Tempering LLC	Grzegorz Putek	Monika Putek	
Stargrup Cam A.S.	Ali Nurman		
Strong Tempering Glass Industry LLC	Mark Chen		
Sunfire Glass, Inc.	Dennys Fernandez		
Sunglas Technics Co., Ltd.	Zhao Jianxin	Steven Shung	
Suzhou Yunyao Glass Co., Ltd.	Yao Wenzhong	Hong Qiang	
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Switchble LLC dba Smart Glass Group	Anton Yerkeyev		
Synergy Energy Saving Glass (Tianjin) Co., Ltd.	Zhai Tao	Hou Yuzhi	
Tacoma Glass Mfg. Inc.	Tim Conroy		
Tang Hong Yi	Ana Li		
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	
Tecnovidrio S.A. de C.V.	Ricardo Aguilar Martinez	Sara Ivonne Penaloza Ruiz	
TEMCOR S. DE RL DE CV	Genaro Cortez		
Temp Glass Inc.	Sigfrido Martinez		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
Tempered Glass Industries, INC.	Robert Whitlow Jr		
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	
Thermax A.J. Inc.	Francois Ouellette		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermalsun Glass Products	Brad Kloes		
Thermo BSL	Pierre-Luc Bellavance	Claude Pelletier	
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	
Tomakk Glass Partners, LLC	Clay Hargett	Scott Hoffman	
Trakya Grup Plastik Alüminyum Ve Cam San. Tic.	Dicle Firat	Alihan Taidemir	
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	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
U.S. Glass Distributors Inc.	Franco Alfano	David Jaskulski	
Ungari Investments, LLC. (dba S.F. Tempering)	Jorge Ontiveros	Salva Sorka	
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		
Venicio Inc.	Mynor Castellanos	Javier Ordonez	
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 Ramirez	Santiago de la Torre Garcia	
View Inc.	Joe Crouson		
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	Mr. 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	
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	
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		
XYG North America Corp.	Joanne Loh	Lawrence Tao	
Yakut Cam A.S	Faith Poyraz	Murat Tuncer	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
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		
YinJian DongGuan Glass Engineering Co., Ltd.	Huang Wen Jun	Ana Li	
Yitian (Cattis) Glass Product Co., Ltd	XiaoJun Zheng		
Yong Feng Tai Foshan City Glass Co., LTD.	Aijun Zhong		
Yorglass 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 Jinchun Glass Co., Ltd.	Jin Yong Tang	Liu Peihua	
Zhejiang Pusaisi Intelligent Glass Co., LTD	Qi Luofeng	Zhang Jianjun	
Zhongli Glass Co., Ltd	Meng Qingxian		
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		

Certification Committee Chairman - Mark Cody**Member by virtue of being a director**

Public Interest	William Nugent
Public Interest	Elaine Rodman
Public Interest	June Willcott
Public Interest	Peter Weismantle
Glasstech, Inc	Norman Nitschke
Public Interest	Patrick Loughran

July 2024

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 shall be 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.
- 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/mailed 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 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 4/19/2004)

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, Appendix A). 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 16 CFR 1201.4(a)(1), 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, (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>	
8628	Vitrum Industries Ltd.	9335	Classy Glass Specialties Technology Co., Ltd	9385	Wutkowski Sp. Zo.o.
8955	Vitrum Industries Ltd.	9336	Changshu ZhongXin Building Materials Co., Ltd.	9386	Press Glass Inc.
9165	Coastal Curved Glass	9337	Curved Glass Creations, LLC	9387	PGT Industries
9186	Venicio Inc.	9338	Chongqing SYP Engineering Glass Co., Ltd.	9388	PGT Industries
9187	Selective Shower Glass Designs Inc.	9339	Chongqing SYP Engineering Glass Co., Ltd.	9389	PGT Industries
9188	Selective Shower Glass Designs Inc.	9340	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.	9390	Precision Glass Bending Corporation
9202	Nashville Tempered Glass LLC	9341	Zhongli Glass Co., Ltd	9391	Precision Glass Bending Corporation
9209	Guangdong Xeyoung Glass Technology Co., Ltd	9342	Zhaoqing CSG Energy Conservation Glass Co., Ltd	9392	Oldcastle BuildingEnvelope®
9223	YinJian DongGuan Glass Engineering Co., Ltd.	9343	Zhangjiagang City Daming Glass Product Co., Ltd	9393	Oldcastle BuildingEnvelope®
9224	YinJian DongGuan Glass Engineering Co., Ltd.	9344	Yildiz Cam San. Tic. A.S.	9394	Dillmeier Enterprise, Inc.
9230	Midwest Glass Fabricators Inc.	9345	Yildiz Cam San. Tic. A.S.	9395	Dillmeier Enterprise, Inc.
9231	Midwest Glass Fabricators Inc.	9346	Yakut Cam A.S	9396	Smart Glass Group
9239	Guang Dong Kibing Energy Saving Glass Co., LTD	9347	Arino Duglass	9397	W-M Glass sp. zo.o.
9245	Al Cam Sanayi ve Ticaret Limited Sirketi	9348	Arino Duglass	9398	Tianjin SYP Engineering Glass Co., Ltd.
9250	Shandong Blue Glass Technology Co., Ltd.	9349	Produits Verrier International Inc.	9399	Tianjin SYP Engineering Glass Co., Ltd.
9305	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9350	ProTemp Glass, Inc.	9400	WHTB Glass, LLC
9306	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9351	Przedsiębiorstwo Prywatne Rezal	9401	WHTB Glass, LLC
9307	Aldora Aluminum and Glass Products, Inc.	9352	Przedsiębiorstwo Prywatne Rezal	9402	Tianjin SYP Engineering Glass Co., Ltd.
9308	Aldora Aluminum and Glass Products, Inc.	9353	Pulp Studio, Inc.	9403	W.C.P., Inc dba West Coast Insulated Glass Products
9309	Aldora Aluminum and Glass Products, Inc.	9354	Xinyi Group (Glass) Co., Ltd.	9404	Shanghai SYP Engineering Glass
9310	Aldora Aluminum and Glass Products Inc.	9355	Qingdao Laurel Glass Technology Co., Ltd	9405	W.C.P., Inc dba West Coast Insulated Glass Products
9311	AntCam Cam Pazarlama San. Ve Tic. A.S.	9356	Qingdao Pioneer Glass Co.,Ltd.	9406	Shanghai SYP Engineering Glass
9312	AntCam Cam Pazarlama San. Ve Tic. A.S.	9357	Qinhuangdao Rongsheng Glass Processing Co., Ltd.	9407	Vidplex Universal S.A.S
9313	Aldora Aluminum and Glass Products, Inc.	9358	Xinyi Glass (Tianjin) Co. Ltd.	9408	Jiangmen SYP Engineering Glass Co, Ltd.
9314	Aldora Aluminum and Glass Products, Inc.	9359	Ready Glass & Mirror, Inc.	9409	Jiangmen SYP Engineering Glass Co, Ltd.
9315	Shanghai HJ Safety Glass Co., Ltd	9360	Reem Emirates Aluminum & Glass	9410	Carey Glass UC
9316	Al Abbar Architectural Glass	9361	Xianning CSG Energy Conservation Glass Co., LTD.	9411	Onyx Solar Energy, S.L.
9317	Al Andalus Glass Factory Co.	9362	Rider Glass Company Limited	9412	Onyx Solar Energy, S.L.
9318	Aluminum Manufacturers Co. Ltd - ALUMATEC	9363	Prelco Inc.	9413	Onyx Solar Energy, S.L.
9319	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY	9364	Prelco Inc.	9414	Pingdingshan Youbo Glass Technology Co., Ltd.
9320	Trulite Glass and Aluminum Solutions	9365	Rizhao Huaye Glass Co., Ltd.	9415	Carey Glass UC
9321	Trulite Glass and Aluminum Solutions	9366	Xinyi Glass (Yingkou) Co., Ltd.	9416	Press Glass, Inc.
9322	Trulite Glass and Aluminum Solutions	9367	Xinyi Glass (Yingkou) Co., Ltd.	9417	Press Glass, Inc.
9323	ATI Windows	9369	Safti First	9418	Rider Glass Company Limited
9324	ATI Windows	9370	Safti First	9419	Saint Gobain Mexico, S.A. de C.V.
9326	Beijing NorthTech Haiyangshunda Glass Ltd.	9371	Safti First	9420	AGNORA LTD
9327	Beijing NorthTech Haiyangshunda Glass Ltd.	9372	SAGE Electrochromics Inc.	9421	Erdem Dis Ticaret A.S.
9328	Beijing Wuhuatianbao Glass Co., Ltd.	9373	SAGE Electrochromics Inc.	9422	FG Glass Industries Pvt Ltd.
9329	Beijing Wuhuatianbao Glass Co., Ltd.	9374	Saint Gobain Mexico, S.A. de C.V.	9423	FG Glass Industries Pvt Ltd.
9332	Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti	9375	Soluciones Vitro Plano S.A. de C.V.	9429	PRESS GLASS SP ZOO
9333	Control Glass, A&S, S.L.	9376	Soluciones Vitro Plano S.A. de C.V.	9430	PRESS GLASS SP ZOO
9334	Control Glass, A&S, S.L.	9377	Saudi American Glass Company	9431	PRESS GLASS SP ZOO
		9378	Standard Bent Glass	9432	PRESS GLASS SP ZOO
		9379	Sichuan CSG Energy Conservation Glass Co., Ltd.	9433	Cardinal LG Northeast
		9380	Dillmeier Enterprise, Inc.	9434	Cardinal LG Northeast
		9381	Sisecam Flat Glass Italy S.r.l.	9436	Comercial Dialum SA
		9382	Wujiang CSG Huadong Architectural Glass Co., LTD	9437	Comercial Dialum SA
		9383	S.F. Tempering	9438	Consolidated Glass Corp.
		9384	Press Glass Inc.	9439	Procesadora de Jalisco, S.A. DE C.V.
				9440	Procesadora de Jalisco, S.A. DE C.V.
				9441	D3 Glass, LLC
				9442	D3 Glass, LLC

Certified Products-Numerical Sequence-Laminated

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9443	JYC Glass Co. Ltd.	9496	ITI Glass Company	9552	Syracuse Glass Company, LLC
9444	Elivate Mexico Supply S. de R.L. de C.V.	9497	Shenzhen Sun Global Glass Co., Limited	9553	Syracuse Glass Company, LLC
9445	Elivate Mexico Supply S. de R.L. de C.V.	9498	ITI Glass Company	9554	Guardian Fabrication, LLC
9446	Fairis C.A.	9499	Stargrup Cam A.S.	9555	Dolphin Glass Specialists, LLC
9447	Denver Glass Interiors, Inc.	9500	Stargrup Cam A.S.	9556	Vandaglas Eckelt GmbH
9448	Denver Glass Interiors, Inc.	9501	Downey Glass	9557	Vandaglas Eckelt GmbH
9449	Flat Glass Group Co., Ltd.	9502	Sunfire Glass, Inc.	9558	ECO Glass Production
9450	Foshan Nanhai Ruixin Glass Co., LTD.	9503	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited	9559	Garibaldi Glass Ind. Inc.
9451	Captivision Korea, Inc.	9504	Sunfire Glass, Inc.	9560	Garibaldi Glass Ind. Inc.
9452	GlassecViracon	9505	Shandong Yaohua Glass Co., Ltd.	9561	ECO Glass Production
9453	GlassecViracon	9506	Shandong Yaohua Glass Co., Ltd.	9562	ECO Glass Production
9454	Glasstech Industries B.S.C.	9507	Tecnoglass S.A.S.	9563	Imagic Glass Inc.
9455	GnT Glass Co., Ltd.	9508	Cardinal LG	9564	Imagic Glass Inc.
9456	GnT Glass Co., Ltd.	9509	Cardinal LG	9565	Imagic Glass Inc.
9457	KAMRI Investments Limited	9510	Tecnovidrio S.A. de C.V.	9566	Oldcastle BuildingEnvelope®
9458	Guangdong Haikong Special Glass Technology Co., Ltd.	9511	Tecnovidrio S.A. de C.V.	9567	Insulite Glass Co., Inc.
9459	Guangdong Haikong Special Glass Technology Co., Ltd.	9512	Templados Del Centro SA DE C.V.	9568	Integral Seal Mfg. Inc.
9460	Guangdong South Star Glass Limited	9513	Templados Del Centro SA DE C.V.	9569	ITI Glass Company
9461	Gulf Glass Industries, LLC	9514	Glass and Mirror Craft	9570	Extrusiones de Aluminio, S.A.
9462	Isam M. Khairi Kabbani Glass Works LLC	9515	Glass and Mirror Craft	9571	Extrusiones de Aluminio, S.A.
9463	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	9516	Oldcastle BuildingEnvelope®	9572	3 Form
9464	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.	9517	Oldcastle BuildingEnvelope®	9573	Resman Glass PVC Aluminum SAN. VE TIC. A.S.
9465	Diamond Glass	9518	Oldcastle BuildingEnvelope®	9574	Tengzhou Fenghua Glass Co., LTD
9466	Diamond Glass	9519	Oldcastle BuildingEnvelope®	9575	Technical Glass Company
9467	Vidrio Duro de Mexico S.A. de C.V.	9520	Oldcastle BuildingEnvelope®	9576	Tacoma Glass Mfg. Inc.
9468	Vidrio Duro de Mexico S.A. de C.V.	9521	Oldcastle BuildingEnvelope®	9577	TG Taicang Architectural Glass Co. Ltd
9469	Isoclima Specialty Glass, LLC	9522	Novavetro S.r.l.	9578	Thermo BSL
9470	Isoclima Specialty Glass, LLC	9523	Novavetro S.r.l.	9579	Multiver Ltee
9471	McGrory Glass	9524	Oldcastle BuildingEnvelope®	9580	Multiver Ltee
9472	Dongguan CSG Architectural Glass Co., Ltd.	9525	Oldcastle BuildingEnvelope®	9581	Tianjin CSG Energy Conservation Glass Co., Ltd
9473	Nashville Tempered Glass LLC	9526	Oldcastle BuildingEnvelope®	9582	Tianjin Northglass Industrial Technical Co., Ltd
9474	Nashville Tempered Glass LLC	9527	Oldcastle BuildingEnvelope®	9583	Tianjin Northglass Industrial Technical Co., Ltd
9475 IN	Nashville Tempered Glass LLC	9528	Dillmeier Enterprise, Inc.	9584	Thompson I.G. LLC.
9476	Haojing Holdings Group Limited	9529	Galaxy Glass & Stone	9585	Thompson I.G. LLC.
9477	Haojing Holdings Group Limited	9530	Galaxy Glass & Stone	9586	TG Qingdao Glass Co., Ltd.
9478	Haojing Holdings Group Limited	9531	Oldcastle BuildingEnvelope®	9587	Tristar Glass, Inc.
9479	Northwestern Industries - Arizona, Inc.	9532	Oldcastle BuildingEnvelope®	9588	Trulite Glass and Aluminum Solutions
9480	Northwestern Industries - Arizona, Inc.	9533	Oldcastle BuildingEnvelope®	9589	Turkiye Sise ve CamFabrikalar A.S.
9481	SAAND Rexdale	9534	Oldcastle BuildingEnvelope®	9590	SisecamDuzcam Bursa FabrikaSubesi
9482	SIGCO, Inc.	9535	Oldcastle BuildingEnvelope®	9591	TG Tianjin Glass Co., Ltd.
9483	M Industria S.A. DE C.V.	9536	Oldcastle BuildingEnvelope®	9592	Uniglass
9484	M Industria S.A. DE C.V.	9537	Oldcastle BuildingEnvelope®	9593	Unitex Glass Chengdu Co., Ltd
9485	SIGCO, Inc.	9538	Oldcastle BuildingEnvelope®	9594	United Plate Glass Co., Inc.
9486	Shanghai Jiajie Glass Co., Ltd.	9539	Oldcastle BuildingEnvelope®	9595	U.S. Glass Distributors Inc.
9487	Express Impact Manufacturing	9540	Oldcastle BuildingEnvelope®	9596	Vetrodomus SpA
9488	Shanghai Jiajie Glass Co., Ltd.	9541	Oldcastle BuildingEnvelope®	9597	Viewrail
9489	Excel Glass Systems	9542	GLASPRO	9598	Vetriko S.A.
9490	Dost Cam Sanayi ve Ticaret A.S.	9543	Glass Laminare Solutions	9599	Vetriko S.A.
9491	View Inc.	9544	GlassFab Tempering Services, Inc. Linne Road	9600	KRYSTALLA VASILIOU SA (VASGLASS)
9492	Dost Cam Sanayi ve Ticaret A.S.	9545	GlassFab Tempering Services, Inc. Linne Road	9601	KRYSTALLA VASILIOU SA (VASGLASS)
9493	View Inc.	9546	Oldcastle BuildingEnvelope® Canada Inc.	9603	KRYSTALLA VASILIOU SA (VASGLASS)
9494	Shandong Taishan Huayue Glass Co., Ltd.	9547	Oldcastle BuildingEnvelope® Canada Inc.	9604	Guardian Fabrication - Hialeah Gardens
		9548	Glasswerks GWLA- East		
		9549	Glasswerks GWLA- East		
		9550	Global Security Glazing		
		9551	Global Security Glazing		

Certified Products-Numerical Sequence-Laminated

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>
9605	Guardian Fabrication - Hialeah Gardens	9665	Limca Dekoratif Cam Anya San Tic ve AS	
9606	Guardian Fabrication - Hialeah Gardens	9666	Limca Dekoratif Cam Anya San Tic ve AS	
9607	Kensington Glass Arts	9669	Accurate Glass Products	
9608	Kensington Glass Arts	9677	Singapore Safety Glass Pte Ltd.	
9609	Thermo BSL	9680	Guangdong Honghua Glass Technology Co., LTD.	
9610	Cardinal LG	9681	Shandong Wensheng Glass Technology Co., Ltd.	
9611	Laurier Architectural	9684	White Aluminum Enterprises LLC	
9612	Cardinal LG	9685	White Aluminum Enterprises LLC	
9613	Cardinal LG	9692	New Angle Beveling	
9614	LTI Smart Glass, Inc.	9693	Guangxi Shengguang Energy Conservation Technology Co., LTD	
9615	Vetzeria F. Illi Paci S.R.L.	9694	Guangxi Shengguang Energy Conservation Technology Co., LTD	
9616	J.C. Moag Corporation	9695	Glenny Glass Co.	
9617	J.C. Moag Corporation	9702	A3 Glass Fabricator LLC	
9618	Viracon Inc.	9706	United Plate Glass Co., Inc.	
9619	Viracon Inc.	9713	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9620	VA Glass, LLC.	9714	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9621	VA Glass, LLC.	9716	Gin Jye Ming Glass Co., Ltd.	
9622	Cardinal LG	9721	Insulite Glass Co., Inc.	
9623	Cardinal LG	9735	Qinhuangdao Entrylite Technology Co.,Ltd.	
9624	Vistamatic, LLC	9739	Qingdao Chinastar Glass CO., Ltd.	
9625	Vistamatic, LLC	9756	Crystal Glass International SDN BHD	
9626	Vitelsa Mosquera			
9627	Vitelsa Mosquera			
9628	Trulite Glass and Aluminum Solutions			
9629	Trulite Glass and Aluminum Solutions			
9630	Vitrum Industries Ltd.			
9631	Vitrum Industries Ltd.			
9632	Trulite Glass and Aluminum Solutions			
9633	Trulite Glass and Aluminum Solutions			
9634	Trulite Glass and Aluminum Solutions			
9635	Trulite Glass and Aluminum Solutions			
9636	Vitrum Industries Ltd. (Calgary)			
9637	Vitrum Industries Ltd. (Calgary)			
9638	Viwinco, Inc.			
9639	Viwinco, Inc.			
9640	La Tecnica Nel Vetro SpA			
9641	La Tecnica Nel Vetro SpA			
9642	Illumimex S.A. DE C.V.			
9643	Glassbel Baltic			
9644	Glassbel Baltic			
9645	Advanced Impact Technologies			
9646	Trulite Glass and Aluminum Solutions			
9647	Trulite Glass and Aluminum Solutions			
9648	Oldcastle BuildingEnvelope®			
9649	Oldcastle BuildingEnvelope®			
9652	Trulite Glass and Aluminum Solutions			
9653	Trulite Glass and Aluminum Solutions			
9654	Trulite Glass and Aluminum Solutions			
9655	Trulite Glass and Aluminum Solutions			
9657	Ardic Cam Sanayi A.S.			
9658	Air Master (Valmeg, LLC)			
9659	Air Master (Valmeg, LLC)			
9660	3 Form			
9661	3 Form			
9663	Trulite Glass and Aluminum Solutions			
9664	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.	1631	Guardian Glass, LLC	2003	Consolidated Glass Corp.
14	VA Glass, LLC.	1632	Guardian Glass, LLC	2004	Consolidated Glass Corp.
89	Cardinal FG	1633	Guardian Glass, LLC	2005	Consolidated Glass Corp.
93	VA Glass, LLC.	1634	Guardian Glass, LLC	2007	Cardinal CG
94	VA Glass, LLC.	1635	Guardian Glass, LLC	2008	Cardinal CG
95	VA Glass, LLC.	1677	Contour Industries, Inc.	2009	Cardinal CG
220	Cardinal FG	1678	Contour Industries, Inc.	2010	Cardinal CG
514	Oldcastle BuildingEnvelope®	1680	Contour Industries, Inc.	2011	Cardinal CG
515	Oldcastle BuildingEnvelope®	1683	Guardian Glass, LLC	2012	Cardinal CG
516	Oldcastle BuildingEnvelope®	1755	All Team Glass & Mirror, Ltd.	2013	Cardinal CG
520	Anthony International	1756	All Team Glass & Mirror, Ltd.	2020	Guardian Glass, LLC
598	Cardinal FG	1757	All Team Glass & Mirror, Ltd.	2021	Guardian Glass, LLC
630	Oldcastle BuildingEnvelope®	1758	All Team Glass & Mirror, Ltd.	2022	Guardian Glass, LLC
935	Oldcastle BuildingEnvelope®	1785	Trulite Glass and Aluminum Solutions	2023	Guardian Glass, LLC
955	Cardinal FG	1786	Trulite Glass and Aluminum Solutions	2032	Cameron Glass, LLC.
968	Guardian Glass, LLC	1787	Trulite Glass and Aluminum Solutions	2033	Cameron Glass, LLC.
969	Guardian Glass, LLC	1788	Trulite Glass and Aluminum Solutions	2034	Prelco Inc.
970	Guardian Glass, LLC	1790	Trulite Glass and Aluminum Solutions	2035	Prelco Inc.
971	Guardian Glass, LLC	1827	Cardinal IG	2048	Prelco Inc.
999	Anthony International	1828	Cardinal IG	2050	Intigral
1000	Anthony International	1829	Cardinal IG	2051	Intigral
1110	Vitro Flat Glass, LLC	1830	Cardinal IG	2052	Intigral
1111	Vitro Flat Glass, LLC	1831	Cardinal IG	2062	Oldcastle BuildingEnvelope® Canada Inc.
1112	Vitro Flat Glass, LLC	1834	Cardinal IG	2067	Cardinal CG
1113	Vitro Flat Glass, LLC	1841	Cardinal IG	2068	Cardinal CG
1201	Gemtron Corporation	1842	Cardinal IG	2069	Cardinal CG
1248	Guardian Glass, LLC	1843	Cardinal IG	2070	Cardinal CG
1249	Guardian Glass, LLC	1844	Cardinal IG	2071	Cardinal CG
1250	Guardian Glass, LLC	1845	Cardinal IG	2133	Tecnoglass S.A.S.
1251	Guardian Glass, LLC	1865	Guardian Glass, LLC	2134	Tecnoglass S.A.S.
1301	Guardian Glass, LLC	1882	Guardian Glass, LLC	2135	Tecnoglass S.A.S.
1303	Guardian Glass, LLC	1901	EFCO Corporation	2143	EFCO Corporation
1304	Guardian Glass, LLC	1902	EFCO Corporation	2144	Coral Industries Glass Division
1332	Gemtron Corporation	1910	Coral Industries Glass Division	2145	Coral Industries Glass Division
1334	Gemtron Corporation	1911	Coral Industries Glass Division	2146	Cardinal CG
1403	Viracon Inc.	1921	Cardinal CG	2176	Cardinal IG
1404	Viracon Inc.	1922	Cardinal CG	2177	Cardinal IG
1416	Nashville Tempered Glass Corp.	1923	Cardinal CG	2178	Cardinal IG
1417	Nashville Tempered Glass Corp.	1924	Cardinal CG	2179	Cardinal IG
1422	Gemtron Corporation	1964	Coral Industries Glass Division	2182	VA Glass, LLC.
1424	Gemtron Corporation	1979	Kohler Company	2186	Glaz-Tech Industries, Inc.
1467	Nashville Tempered Glass Corp.	1980	Kohler Company	2189	Glaz-Tech Industries, Inc.
1477	Gemtron Corporation	1981	Kohler Company	2193	Glaz-Tech Industries, Inc.
1508	Viracon Inc.	1982	Kohler Company	2203	Cardinal IG
1509	Viracon Inc.	1983	Kohler Company	2204	Cardinal IG
1546	Oldcastle BuildingEnvelope®	1984	Kohler Company	2205	Cardinal IG
1547	Oldcastle BuildingEnvelope®	1985	Cardinal CG	2210	Oldcastle BuildingEnvelope®
1548	Oldcastle BuildingEnvelope®	1986	Cardinal CG	2211	Oldcastle BuildingEnvelope®
1549	Oldcastle BuildingEnvelope®	1987	Cardinal CG	2212	Oldcastle BuildingEnvelope®
1550	Oldcastle BuildingEnvelope®	1988	Cardinal CG	2213	Oldcastle BuildingEnvelope®
1555	Swift Glass Co., Inc.	1993	Tecnoglass S.A.S.	2214	Oldcastle BuildingEnvelope®
1556	Swift Glass Co., Inc.	1994	Tecnoglass S.A.S.	2215	Oldcastle BuildingEnvelope®
1557	Swift Glass Co., Inc.	1995	Tecnoglass S.A.S.	2216	Oldcastle BuildingEnvelope®
1558	Swift Glass Co., Inc.	1997	Oldcastle BuildingEnvelope® Canada Inc.	2226	GGI Glass Distributors Corp.
1559	Swift Glass Co., Inc.	1998	Consolidated Glass Corp.	2227	GGI Glass Distributors Corp.
1608	Oldcastle BuildingEnvelope®	1999	Consolidated Glass Corp.	2228	GGI Glass Distributors Corp.
1609	Oldcastle BuildingEnvelope®	2002	Consolidated Glass Corp.	2231	Cardinal IG
1630	Guardian Glass, LLC				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2232	Cardinal IG	2453	Anthony International	2730	Press Glass, Inc.
2233	Cardinal IG	2455	Cameron Glass, LLC.	2731	Press Glass, Inc.
2234	Cardinal IG	2458	Guardian Glass, LLC	2732	Press Glass, Inc.
2235	Cardinal IG	2459	Guardian Glass, LLC	2733	Press Glass, Inc.
2259	Guardian Glass, LLC	2460	Guardian Glass, LLC	2734	Press Glass, Inc.
2260	Guardian Glass, LLC	2467	United Plate Glass Co., Inc.	2751	Prelco Inc.
2261	Guardian Glass, LLC	2468	United Plate Glass Co., Inc.	2787	Trulite Glass and Aluminum Solutions
2262	Guardian Glass, LLC	2471	United Plate Glass Co., Inc.	2788	Trulite Glass and Aluminum Solutions
2282	GGI Glass Distributors Corp.	2481	SAAND Inc.	2789	Trulite Glass and Aluminum Solutions
2285	Cardinal IG	2482	SAAND Inc.	2790	All Team Glass & Mirror, Ltd.
2286	Cardinal IG	2484	SAAND Inc.	2831	Cardinal IG
2287	Tecnoglass S.A.S.	2494	Nashville Tempered Glass Corp.	2833	Cardinal IG
2289	Anthony International	2497	Nashville Tempered Glass Corp.	2834	Cardinal IG
2293	Cardinal CT	2498	Multiver	2840	Trulite Glass and Aluminum Solutions
2294	Cardinal CT	2499	Multiver	2842	Cardinal CT
2295	Cardinal CT	2501	Cameron Glass, LLC.	2850	Vandaglas Eckelt GmbH
2296	Cardinal CT	2519	Guardian Glass, LLC	2851	Vandaglas Eckelt GmbH
2306	Anthony International	2543	Oldcastle BuildingEnvelope® Canada Inc.	2852	Vandaglas Eckelt GmbH
2307	Anthony International			2853	Vandaglas Eckelt GmbH
2310	Cardinal LG	2544	Oldcastle BuildingEnvelope® Canada Inc.	2854 IN	Vandaglas Eckelt GmbH
2311	Cardinal LG	2545	Guardian Glass, LLC	2855 IN	Vandaglas Eckelt GmbH
2314	Cardinal LG	2547	Techni-Glass LLC	2857	Cardinal IG
2317	Cardinal IG	2548	Techni-Glass LLC	2858	Cardinal IG
2318	Cardinal IG	2549	Techni-Glass LLC	2859	Cardinal IG
2319	Cardinal IG	2550	Techni-Glass LLC	2878	Cardinal CT
2320	Cardinal IG	2569	Bendheim Wall Systems	2879	Cardinal CT
2321	Cardinal IG	2570	Bendheim Wall Systems	2880	Cardinal CT
2322	Cardinal IG	2578	Amsco Windows	2881	Cardinal CT
2323	Cardinal IG	2580	Amsco Windows	2884	Oldcastle BuildingEnvelope® Canada Inc.
2328	Cardinal IG	2581	Amsco Windows	2887	Simonton Windows
2329	Cardinal IG	2582	Amsco Windows	2888	Simonton Windows
2330	Cardinal IG	2584	Amsco Windows	2898	Valentini Glass & Components srl
2331	Cardinal IG	2589	Engineered Glass Products, L.L.C.	2909	Cardinal FG
2352	Anthony International	2629	Multiver	2910	Cardinal FG
2353	Anthony International	2654	Syracuse Glass Company, LLC	2911	Cardinal FG
2354	Consolidated Glass Corp.	2656	Syracuse Glass Company, LLC	2912	Cardinal FG
2355	Consolidated Glass Corp.	2657	Syracuse Glass Company, LLC	2918 IN	Kohler Company
2357	Cardinal CG	2661	Downey Glass	2919	Cardinal IG
2358	Cardinal CG	2662	Downey Glass	2920	Cardinal IG
2359	Cardinal CG	2663	Downey Glass	2921	Cardinal IG
2360	Cardinal CG	2664	Downey Glass	2922	Cardinal IG
2365	Tecnoglass S.A.S.	2665	Downey Glass	2923	Cardinal IG
2381	Prelco Inc.	2684	Paragon Tempered Glass	2924	Cardinal IG
2382	Guardian Glass, LLC	2685	Paragon Tempered Glass	2928 IN	GGI Glass Distributors Corp.
2389	PGT Industries	2686	Paragon Tempered Glass	2944	Coral Industries Glass Division
2390	PGT Industries	2687	Paragon Tempered Glass	2945	Coral Industries Glass Division
2391	PGT Industries	2691	Nashville Tempered Glass LLC	2954	Cardinal CG
2397	Cardinal IG	2692	Nashville Tempered Glass LLC	2956	Cardinal CG
2399	Cardinal IG	2693	Nashville Tempered Glass LLC	2957	Syracuse Glass Company, LLC
2423	Valentini Glass & Components srl	2694	Nashville Tempered Glass LLC	2958	Syracuse Glass Company, LLC
2432	Changshu ZhongXin Building Materials Co., Ltd.	2699	Cardinal CG	2961	SIGCO, Inc.
2434	Kohler Company	2700	Cardinal CG	2962	SIGCO, Inc.
2445	Goldray Industries Ltd.	2701	Cardinal CG	2963	SIGCO, Inc.
2446	Goldray Industries Ltd.	2702	Cardinal CG	2964	SIGCO, Inc.
2447	Goldray Industries Ltd.	2705	Cardinal CG	2965	SIGCO, Inc.
2448	Goldray Industries Ltd.	2713	Prelco Inc.	2966	SIGCO, Inc.
2449	Goldray Industries Ltd.	2729	Press Glass, Inc.	2968	Quaker Window Products, Inc.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2969 IN	Quaker Window Products, Inc.	3143	Oldcastle BuildingEnvelope®	3243	Oldcastle BuildingEnvelope®
2970 IN	Quaker Window Products, Inc.	3144	Oldcastle BuildingEnvelope®	3244	Oldcastle BuildingEnvelope®
2975	Techni-Glass LLC	3145	Oldcastle BuildingEnvelope®	3249	Anthony International
2985	Quaker Window Products, Inc.	3146	Oldcastle BuildingEnvelope®	3250	Oldcastle BuildingEnvelope®
2986	Quaker Window Products, Inc.	3147	Oldcastle BuildingEnvelope®	3252	Oldcastle BuildingEnvelope®
3002	Guardian Glass, LLC	3148	Oldcastle BuildingEnvelope®	3253	Oldcastle BuildingEnvelope®
3003	Guardian Glass, LLC	3149	Oldcastle BuildingEnvelope®	3255	Oldcastle BuildingEnvelope®
3018	Isoclima Specialty Glass, LLC	3152	Oldcastle BuildingEnvelope®	3256	Oldcastle BuildingEnvelope®
3023	SAAND Inc.	3153	Oldcastle BuildingEnvelope®	3259	Oldcastle BuildingEnvelope®
3027	Anthony International	3154	Oldcastle BuildingEnvelope®	3262	Oldcastle BuildingEnvelope®
3028	SIGCO, Inc.	3155	Oldcastle BuildingEnvelope®	3263	Oldcastle BuildingEnvelope®
3053	Xinyi Group (Glass) Co., Ltd.	3167	Oldcastle BuildingEnvelope®	3264	Oldcastle BuildingEnvelope®
3054	Xinyi Group (Glass) Co., Ltd.	3168	Oldcastle BuildingEnvelope®	3265	Oldcastle BuildingEnvelope®
3055	Xinyi Group (Glass) Co., Ltd.	3169	Oldcastle BuildingEnvelope®	3266	Oldcastle BuildingEnvelope®
3060	Techni-Glass LLC	3170	Oldcastle BuildingEnvelope®	3267	Oldcastle BuildingEnvelope®
3061	Techni-Glass LLC	3171	Oldcastle BuildingEnvelope®	3268	Oldcastle BuildingEnvelope®
3062	Techni-Glass LLC	3172	Oldcastle BuildingEnvelope®	3269	Oldcastle BuildingEnvelope®
3067	Gemtron Canada Corporation	3173	Oldcastle BuildingEnvelope®	3270	Oldcastle BuildingEnvelope®
3068	Cardinal IG	3178	Oldcastle BuildingEnvelope®	3271	Oldcastle BuildingEnvelope®
3069	Cardinal IG	3180	Oldcastle BuildingEnvelope®	3273	Oldcastle BuildingEnvelope®
3070	Cardinal IG	3182	Oldcastle BuildingEnvelope®	3274	Oldcastle BuildingEnvelope®
3071	Cardinal IG	3183	Oldcastle BuildingEnvelope®	3275	Oldcastle BuildingEnvelope®
3072	Cardinal IG	3184	Oldcastle BuildingEnvelope®	3276 IN	Oldcastle BuildingEnvelope®
3074	Viwinco, Inc.	3185	Oldcastle BuildingEnvelope®	3277	Oldcastle BuildingEnvelope®
3085	Xinyi Group (Glass) Co., Ltd.	3186	Oldcastle BuildingEnvelope®	3278	Oldcastle BuildingEnvelope®
3086	Chicago Tempered Glass, Inc.	3188	Oldcastle BuildingEnvelope®	3279	Oldcastle BuildingEnvelope®
3087	Chicago Tempered Glass, Inc.	3189	Oldcastle BuildingEnvelope®	3280	Oldcastle BuildingEnvelope®
3088	Chicago Tempered Glass, Inc.	3190	Oldcastle BuildingEnvelope®	3281 IN	Oldcastle BuildingEnvelope®
3089	Chicago Tempered Glass, Inc.	3191	Oldcastle BuildingEnvelope®	3285	Oldcastle BuildingEnvelope®
3090	Chicago Tempered Glass, Inc.	3192	Oldcastle BuildingEnvelope®	3286	Oldcastle BuildingEnvelope®
3104	Oldcastle BuildingEnvelope®	3193	Oldcastle BuildingEnvelope®	3287	Oldcastle BuildingEnvelope®
3105	Oldcastle BuildingEnvelope®	3194	Oldcastle BuildingEnvelope®	3288	Oldcastle BuildingEnvelope®
3106	Oldcastle BuildingEnvelope®	3195	Oldcastle BuildingEnvelope®	3289	Oldcastle BuildingEnvelope®
3107	Oldcastle BuildingEnvelope®	3196	Oldcastle BuildingEnvelope®	3290	Oldcastle BuildingEnvelope®
3108	Oldcastle BuildingEnvelope®	3197	Oldcastle BuildingEnvelope®	3291	Oldcastle BuildingEnvelope®
3109	Oldcastle BuildingEnvelope®	3199	Oldcastle BuildingEnvelope®	3292	Oldcastle BuildingEnvelope®
3110	Oldcastle BuildingEnvelope®	3200	Oldcastle BuildingEnvelope®	3293	Oldcastle BuildingEnvelope®
3111	Oldcastle BuildingEnvelope®	3201	Oldcastle BuildingEnvelope®	3294	Oldcastle BuildingEnvelope®
3115	Cardinal IG	3203	Oldcastle BuildingEnvelope®	3295	Oldcastle BuildingEnvelope®
3118	Oldcastle BuildingEnvelope®	3219	Oldcastle BuildingEnvelope®	3296	Oldcastle BuildingEnvelope®
3119	Oldcastle BuildingEnvelope®	3220	Oldcastle BuildingEnvelope®	3297	Oldcastle BuildingEnvelope®
3120	Oldcastle BuildingEnvelope®	3221	Oldcastle BuildingEnvelope®	3310	Oldcastle BuildingEnvelope®
3121	Oldcastle BuildingEnvelope®	3222	Oldcastle BuildingEnvelope®	3311	Oldcastle BuildingEnvelope®
3124	Oldcastle BuildingEnvelope®	3223 IN	Oldcastle BuildingEnvelope®	3312	Oldcastle BuildingEnvelope®
3125	Oldcastle BuildingEnvelope®	3224	Oldcastle BuildingEnvelope®	3313	Oldcastle BuildingEnvelope®
3127	Oldcastle BuildingEnvelope®	3225	Oldcastle BuildingEnvelope®	3314	Oldcastle BuildingEnvelope®
3128	Oldcastle BuildingEnvelope®	3226	Oldcastle BuildingEnvelope®	3315	Oldcastle BuildingEnvelope®
3130	Oldcastle BuildingEnvelope®	3228	Oldcastle BuildingEnvelope®	3317	Oldcastle BuildingEnvelope®
3131	Oldcastle BuildingEnvelope®	3229	Oldcastle BuildingEnvelope®	3318	Oldcastle BuildingEnvelope®
3132	Oldcastle BuildingEnvelope®	3230	Oldcastle BuildingEnvelope®	3319	Oldcastle BuildingEnvelope®
3133	Oldcastle BuildingEnvelope®	3233	Oldcastle BuildingEnvelope®	3321	Oldcastle BuildingEnvelope®
3136	Oldcastle BuildingEnvelope®	3234 IN	Oldcastle BuildingEnvelope®	3331	Oldcastle BuildingEnvelope®
3137	Oldcastle BuildingEnvelope®	3235	Oldcastle BuildingEnvelope®	3332	Oldcastle BuildingEnvelope®
3138	Oldcastle BuildingEnvelope®	3236	Oldcastle BuildingEnvelope®	3333	Oldcastle BuildingEnvelope®
3139	Oldcastle BuildingEnvelope®	3237	Oldcastle BuildingEnvelope®	3334	Oldcastle BuildingEnvelope®
3140	Oldcastle BuildingEnvelope®	3238	Oldcastle BuildingEnvelope®	3335	Oldcastle BuildingEnvelope®
3141	Oldcastle BuildingEnvelope®	3239	Oldcastle BuildingEnvelope®	3405	Viwinco, Inc.
3142	Oldcastle BuildingEnvelope®	3240	Oldcastle BuildingEnvelope®	3418	Industrial Tempering Glass

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3419	Industrial Tempering Glass	3580	Cardinal CT	3846	Glenny Glass Co.
3426 IN	Oldcastle BuildingEnvelope®	3581	Cardinal CT	3857	GGI Glass Distributors Corp.
3427	Oldcastle BuildingEnvelope®	3583	Arlene Stained Glass & Door	3858	GGI Glass Distributors Corp.
3428	Oldcastle BuildingEnvelope®	3584	Arlene Stained Glass & Door	3859	American Insulated Glass
3440	Oldcastle BuildingEnvelope®	3585	Arlene Stained Glass & Door	3860 IN	American Insulated Glass
3441	Oldcastle BuildingEnvelope®	3599	Cardinal CG	3861	American Insulated Glass
3442	Oldcastle BuildingEnvelope®	3601	Cardinal CG	3862	American Insulated Glass
3443	Oldcastle BuildingEnvelope®	3619	Cardinal IG	3863	American Insulated Glass
3444	Oldcastle BuildingEnvelope®	3631	Intigral	3864	American Insulated Glass
3445	Oldcastle BuildingEnvelope®	3635	Consolidated Glass Corp.	3865	Denver Glass Interiors, Inc.
3446	Oldcastle BuildingEnvelope®	3636	Gemtron Canada Corporation	3866	Denver Glass Interiors, Inc.
3455	Cardinal TG	3637	Gemtron Canada Corporation	3867	Denver Glass Interiors, Inc.
3456	Cardinal TG	3656	All Team Glass & Mirror, Ltd.	3868	Denver Glass Interiors, Inc.
3458	Cardinal TG	3659	Gemtron Canada Corporation	3872	Hoskin & Muir, Inc
3459	Cardinal TG	3672	Guardian Glass, LLC	3873	Hoskin & Muir, Inc
3462	Oldcastle BuildingEnvelope®	3673	Guardian Glass, LLC	3874	Hoskin & Muir, Inc
3464	Contractors Wardrobe	3689	Viracon Inc.	3875	Hoskin & Muir, Inc
3465	Contractors Wardrobe	3690	QinHuangDao Tianrui Tempered Technology Glass Co.	3880	PGT Industries
3466	Contractors Wardrobe	3701	Dallas Flat Glass	3881	PGT Industries
3467	Contractors Wardrobe	3711	PFG Glass	3905	PT Abebersa Pratama
3468	Contractors Wardrobe	3714	Insulite Glass Co., Inc.	3906	PT Abebersa Pratama
3469	Contractors Wardrobe	3715	Insulite Glass Co., Inc.	3907	Oldcastle BuildingEnvelope®
3470	Contractors Wardrobe	3716	Insulite Glass Co., Inc.	3912	Dillmeier Enterprise, Inc.
3472	Contractors Wardrobe	3717	Insulite Glass Co., Inc.	3913	Dillmeier Enterprise, Inc.
3473	Contractors Wardrobe	3729	Oldcastle BuildingEnvelope®	3914	Dillmeier Enterprise, Inc.
3474	Contractors Wardrobe	3736	Yao Xiang Glass Product Co. Ltd.	3915	Dillmeier Enterprise, Inc.
3475	Contractors Wardrobe	3737	Yao Xiang Glass Product Co. Ltd.	3916	Dillmeier Enterprise, Inc.
3476	Contractors Wardrobe	3738	Yao Xiang Glass Product Co. Ltd.	3917	Dillmeier Enterprise, Inc.
3477	Contractors Wardrobe	3739	Yao Xiang Glass Product Co. Ltd.	3925	Trulite Glass and Aluminum Solutions
3485	Quaker Window Products, Inc.	3740	Yao Xiang Glass Product Co. Ltd.	3927	Trulite Glass and Aluminum Solutions
3486	Quaker Window Products, Inc.	3741	Yao Xiang Glass Product Co. Ltd.	3928	Trulite Glass and Aluminum Solutions
3497	Oldcastle BuildingEnvelope®	3742	Yao Xiang Glass Product Co. Ltd.	3931	Trulite Glass and Aluminum Solutions
3498	Oldcastle BuildingEnvelope®	3743	Yao Xiang Glass Product Co. Ltd.	3932	Dongguan CSG Architectural Glass Co., Ltd.
3499	Oldcastle BuildingEnvelope®	3745	Ready Glass & Mirror, Inc.	3933	Dongguan CSG Architectural Glass Co., Ltd.
3500	Oldcastle BuildingEnvelope®	3746	Ready Glass & Mirror, Inc.	3934	Dongguan CSG Architectural Glass Co., Ltd.
3502	Oldcastle BuildingEnvelope®	3747	Ready Glass & Mirror, Inc.	3935	Dongguan CSG Architectural Glass Co., Ltd.
3503	Oldcastle BuildingEnvelope®	3748	Ready Glass & Mirror, Inc.	3936	Dongguan CSG Architectural Glass Co., Ltd.
3505	Cardinal LG	3793	Oldcastle BuildingEnvelope®	3937	Dongguan CSG Architectural Glass Co., Ltd.
3506	Cardinal LG	3796	Oldcastle BuildingEnvelope®	3938	Dongguan CSG Architectural Glass Co., Ltd.
3507	Cardinal LG	3806	Commercial Insulating Glass Co.	3939	Dongguan CSG Architectural Glass Co., Ltd.
3508	Cardinal LG	3807	Commercial Insulating Glass Co.	3948	United Plate Glass Company of Charlotte
3532	Kohler Company	3808	Commercial Insulating Glass Co.	3949	United Plate Glass Company of Charlotte
3538	PFG Glass	3810	Basco Engineered Products	3950	United Plate Glass Company of Charlotte
3539	PFG Glass	3811	Basco Engineered Products	3951	United Plate Glass Company of Charlotte
3540	PFG Glass	3812	Basco Engineered Products	3952	United Plate Glass Company of Charlotte
3542	PFG Glass	3822	Flat Glass Distributors	3954	United Plate Glass Company of Charlotte
3543	PFG Glass	3823	Flat Glass Distributors	3955	United Plate Glass Company of Charlotte
3544	PFG Glass	3824	Flat Glass Distributors		
3547	PFG Glass	3825	Flat Glass Distributors		
3548	PFG Glass	3826	Flat Glass Distributors		
3549	PFG Glass	3828	Flat Glass Distributors		
3555	Cardinal CT	3830	Flat Glass Distributors		
3556	Al Abbar Architectural Glass	3831	Flat Glass Distributors		
3557	Al Abbar Architectural Glass	3841	Glenny Glass Co.		
3558	Al Abbar Architectural Glass	3843	Glenny Glass Co.		
3577	Vitro Flat Glass, LLC	3844	Glenny Glass Co.		
3578	Vitro Flat Glass, LLC	3845	Glenny Glass Co.		
3579	Cardinal CT				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3957	JYC Glass Co. Ltd.	4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4198	Glass and Mirror Craft
3958	JYC Glass Co. Ltd.			4199	Glass and Mirror Craft
3959	JYC Glass Co. Ltd.	4061	Dulles Glass	4200	Glass and Mirror Craft
3960	JYC Glass Co. Ltd.	4062	Dulles Glass	4202	Glass and Mirror Craft
3961	JYC Glass Co. Ltd.	4063	Dulles Glass	4203	Glass and Mirror Craft
3962	JYC Glass Co. Ltd.	4067	Shanghai SYP Engineering Glass	4204	Glass and Mirror Craft
3963	JYC Glass Co. Ltd.	4068	Shanghai SYP Engineering Glass	4206	SIGCO, Inc.
3970 IN	GGI Glass Distributors Corp.	4069	Shanghai SYP Engineering Glass	4207	Trulite Glass and Aluminum Solutions
3971	GGI Glass Distributors Corp.	4070	Shanghai SYP Engineering Glass	4209	Trulite Glass and Aluminum Solutions
3972	GGI Glass Distributors Corp.	4071	Shanghai SYP Engineering Glass	4210	Trulite Glass and Aluminum Solutions
3973	GGI Glass Distributors Corp.	4072	Shanghai SYP Engineering Glass	4212	Trulite Glass and Aluminum Solutions
3974 IN	GGI Glass Distributors Corp.	4073	Shanghai SYP Engineering Glass	4213	Trulite Glass and Aluminum Solutions
3976	Al Abbar Architectural Glass	4075	Tianjin SYP Engineering Glass Co., Ltd.	4214	Trulite Glass and Aluminum Solutions
3977	Al Abbar Architectural Glass			4215	Trulite Glass and Aluminum Solutions
3978	SAAND London	4076	Tianjin SYP Engineering Glass Co., Ltd.	4217	Trulite Glass and Aluminum Solutions
3979	SAAND London	4077	Tianjin SYP Engineering Glass Co., Ltd.	4219	Trulite Glass and Aluminum Solutions
3980	SAAND London			4220	Trulite Glass and Aluminum Solutions
3981	SAAND London	4078	Tianjin SYP Engineering Glass Co., Ltd.	4221	Trulite Glass and Aluminum Solutions
3991	JYC Glass Co. Ltd.			4225	Trulite Glass and Aluminum Solutions
3992	JYC Glass Co. Ltd.	4079	Tianjin SYP Engineering Glass Co., Ltd.	4226	Trulite Glass and Aluminum Solutions
3993	JYC Glass Co. Ltd.			4227	Trulite Glass and Aluminum Solutions
3994	JYC Glass Co. Ltd.	4080	Tianjin SYP Engineering Glass Co., Ltd.	4240	Industrial Tempering Glass
3999	Oldcastle BuildingEnvelope®	4081	Tianjin SYP Engineering Glass Co., Ltd.	4246	Valentini Glass & Components srl
4002	Custom Glass Products Inc.			4247	Oldcastle BuildingEnvelope® Canada Inc.
4004	Tristar Glass, Inc.	4103	Cardinal CT		
4005	Tristar Glass, Inc.	4104	Cardinal CT	4248	GGI Glass Distributors Corp.
4006	Tristar Glass, Inc.	4105	Cardinal CT	4255	Mercer Glass Fab LLC
4007	Tristar Glass, Inc.	4121	EFCO Corporation	4256	Mercer Glass Fab LLC
4008	Tristar Glass, Inc.	4125	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited	4257	Mercer Glass Fab LLC
4009	Tristar Glass, Inc.			4258	Mercer Glass Fab LLC
4011	Tristar Glass, Inc.	4126	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited	4278	SAAND London
4012	Kohler Company	4132	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited	4280	M&M Tempering Inc.
4021	Tianjin CSG Energy Conservation Glass Co., Ltd			4281	M&M Tempering Inc.
4022	Tianjin CSG Energy Conservation Glass Co., Ltd	4134	Trulite Glass and Aluminum Solutions	4282	M&M Tempering Inc.
4023	Tianjin CSG Energy Conservation Glass Co., Ltd	4135	Trulite Glass and Aluminum Solutions	4285	Contour Industries, Inc.
4024	Tianjin CSG Energy Conservation Glass Co., Ltd	4137	Cardinal CG	4290	Thermo BSL
4025	Tianjin CSG Energy Conservation Glass Co., Ltd	4139	Basco Engineered Products	4291	Thermo BSL
4026	Tianjin CSG Energy Conservation Glass Co., Ltd	4148	Nashville Tempered Glass LLC	4292	Thermo BSL
4027	Tianjin CSG Energy Conservation Glass Co., Ltd	4152	Trulite Glass and Aluminum Solutions	4293	Thermo BSL
4028	Tianjin CSG Energy Conservation Glass Co., Ltd	4153	Trulite Glass and Aluminum Solutions	4303 IN	Jiangmen SYP Engineering Glass Co, Ltd.
4031	General Glass	4154	EFCO Corporation		
4032	General Glass	4158	Trulite Glass and Aluminum Solutions	4304	Jiangmen SYP Engineering Glass Co, Ltd.
4033	General Glass	4159	Trulite Glass and Aluminum Solutions	4305	Jiangmen SYP Engineering Glass Co, Ltd.
4034	General Glass	4160	Trulite Glass and Aluminum Solutions	4306	Jiangmen SYP Engineering Glass Co, Ltd.
4047	Cardinal CG	4161	JYC Glass Co. Ltd.		
4048	WSD Glass, Inc.	4169	W. A. Wilson Inc.	4307	Jiangmen SYP Engineering Glass Co, Ltd.
4049	WSD Glass, Inc.	4170	W. A. Wilson Inc.		
4050	WSD Glass, Inc.	4171	W. A. Wilson Inc.	4308	Jiangmen SYP Engineering Glass Co, Ltd.
4052	WSD Glass, Inc.	4172	W. A. Wilson Inc.		
4054	Oldcastle BuildingEnvelope®	4173	W. A. Wilson Inc.	4309	Jiangmen SYP Engineering Glass Co, Ltd.
4055	Deqing Sanxing Plastic Chemical Co. Ltd.	4179	Xinyi Group (Glass) Co., Ltd.		
		4180	Oldcastle BuildingEnvelope®	4310	Jiangmen SYP Engineering Glass Co, Ltd.
		4184	Trulite Glass and Aluminum Solutions	4318	Maryland Glass & Mirror
		4185	Trulite Glass and Aluminum Solutions	4319	Maryland Glass & Mirror
		4186	Trulite Glass and Aluminum Solutions	4320	Maryland Glass & Mirror
		4187	Trulite Glass and Aluminum Solutions	4321	Maryland Glass & Mirror
		4197	United Plate Glass Company of Charlotte	4322	Maryland Glass & Mirror

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4328	Aldora Aluminum and Glass Products Inc.	4571	Architectural Glass Products, LLC.	4701	Contour Industries, Inc.
4330	Aldora Aluminum and Glass Products Inc.	4572	Architectural Glass Products, LLC.	4702	Contour Industries, Inc.
4331	Aldora Aluminum and Glass Products Inc.	4573	Architectural Glass Products, LLC.	4703	Contour Industries, Inc.
4335	Aldora Aluminum and Glass Products Inc.	4574	Architectural Glass Products, LLC.	4704 IN	Contour Industries, Inc.
4336	Aldora Aluminum and Glass Products Inc.	4578	Cardinal CT	4705	Contour Industries, Inc.
4340	Oldcastle BuildingEnvelope®	4579	Cardinal CT	4710	Oldcastle BuildingEnvelope®
4343	Cardinal CT	4580	Cardinal CT	4714	Consolidated Glass Corp.
4344	Cardinal CT	4581	Cardinal CT	4720	Cardinal LG
4345	Cardinal CT	4582	Cardinal CT	4724	Basco Engineered Products
4347	Cardinal CG	4584	Cardinal LG	4728	View Inc.
4354	Viracon Inc.	4587	Cardinal LG	4742	Cardinal CT
4355	All Team Glass & Mirror, Ltd.	4588	Intigral	4745	Trulite Glass and Aluminum Solutions
4356	SAAND Inc.	4590	Al Abbar Architectural Glass	4746	Trulite Glass and Aluminum Solutions
4357	SAAND Inc.	4591	New Angle Beveling	4747	Trulite Glass and Aluminum Solutions
4358	SAAND Inc.	4592	New Angle Beveling	4748	Trulite Glass and Aluminum Solutions
4371	Trulite Glass and Aluminum Solutions	4593	New Angle Beveling	4750	Trulite Glass and Aluminum Solutions
4379	Wholesale Glass Dist.	4594	New Angle Beveling	4753	Trulite Glass and Aluminum Solutions
4380	Wholesale Glass Dist.	4595	New Angle Beveling	4754	Trulite Glass and Aluminum Solutions
4381	Wholesale Glass Dist.	4597	White Aluminum Enterprises LLC	4756	Cardinal CT
4382	Wholesale Glass Dist.	4598	White Aluminum Enterprises LLC	4757	Cardinal CT
4388	Engineered Glass Products, L.L.C.	4599	Cardinal CG	4758	Cardinal CT
4390	Oldcastle BuildingEnvelope®	4604	Guardian Fabrication, LLC	4759	Cardinal CT
4396 IN	Oldcastle BuildingEnvelope®	4605	Guardian Fabrication, LLC	4760	Cardinal CT
4400	Oldcastle BuildingEnvelope®	4606	Guardian Fabrication, LLC	4763	Dallas Flat Glass
4419	Garibaldi Glass Ind. Inc.	4607	Guardian Fabrication, LLC	4764	Global Security Glazing
4420	Garibaldi Glass Ind. Inc.	4609	Guardian Fabrication, LLC	4765	Global Security Glazing
4421	Garibaldi Glass Ind. Inc.	4610	Guardian Fabrication, LLC	4766	Global Security Glazing
4422	Garibaldi Glass Ind. Inc.	4612	Guardian Fabrication, LLC	4767	Global Security Glazing
4424	Oldcastle BuildingEnvelope®	4613	Guardian Fabrication, LLC	4768	Global Security Glazing
4425	Fairis C.A.	4620	Cardinal CT	4774 IN	GGI Glass Distributors Corp.
4426	Fairis C.A.	4621	Cardinal CT	4775	Cardinal CG
4427	Fairis C.A.	4622	Cardinal CT	4780	Cardinal CG
4428	Fairis C.A.	4623	Cardinal CT	4781	Cardinal CG
4429	Fairis C.A.	4624	Cardinal CT	4783	Cardinal CG
4443	Oldcastle BuildingEnvelope®	4625	Cardinal CT	4785	Consolidated Glass Corp.
4453	Trulite Glass and Aluminum Solutions	4627	Guardian Fabrication, LLC	4787 IN	Oldcastle BuildingEnvelope®
4458	Oldcastle BuildingEnvelope®	4628	Glass Enterprises, Inc.	4788	Soluciones Vitro Plano S.A. de C.V.
4473	Insulite Glass Co., Inc.	4629	Glass Enterprises, Inc.	4790	Dallas Flat Glass
4474	Insulite Glass Co., Inc.	4636	United Plate Glass Company of Charlotte	4796	Gulf Glass Industries, LLC
4477	Oldcastle BuildingEnvelope®	4638	Flat Glass Distributors	4797	Gulf Glass Industries, LLC
4507	Denver Glass Interiors, Inc.	4639	Soluciones Vitro Plano S.A. de C.V.	4798	Gulf Glass Industries, LLC
4508	Denver Glass Interiors, Inc.	4640	Soluciones Vitro Plano S.A. de C.V.	4804	Glasswerks GWLA- East
4509	Techni-Glass LLC	4641	Soluciones Vitro Plano S.A. de C.V.	4805	Glasswerks GWLA- East
4510	Techni-Glass LLC	4642	Soluciones Vitro Plano S.A. de C.V.	4806	Glasswerks GWLA- East
4512	Perficom S.A. DE C.V.	4643 IN	Amsco Windows	4813	McGrory Glass
4518	Blue Star Glass Inc.	4644	Soluciones Vitro Plano S.A. de C.V.	4814	McGrory Glass
4519	Blue Star Glass Inc.	4645	Soluciones Vitro Plano S.A. de C.V.	4815	McGrory Glass
4520	Blue Star Glass Inc.	4648	Xinyi Group (Glass) Co., Ltd.	4816	McGrory Glass
4521	Blue Star Glass Inc.	4657	Changshu Xingfu Glass Building Material Co., LTD	4817	McGrory Glass
4522	Trulite Glass and Aluminum Solutions	4668	Kohler Company	4819	McGrory Glass
4530	Mercer Glass Fab LLC	4675	Reem Emirates Aluminum & Glass	4820 IN	McGrory Glass
4546	Cleer Vision Tempered Glass	4676	Reem Emirates Aluminum & Glass	4827	Trulite Glass and Aluminum Solutions
4566	Dallas Flat Glass	4677	Reem Emirates Aluminum & Glass	4832	Cameron Glass, LLC.
4567	Dallas Flat Glass	4682	Integral Seal Mfg. Inc.	4836	Cardinal IG
		4683	Integral Seal Mfg. Inc.	4838	Dillmeier Enterprise, Inc.
		4684	Integral Seal Mfg. Inc.	4839	Dillmeier Enterprise, Inc.
		4689	Basco Engineered Products	4841	Cardinal LG
				4842	Cardinal LG

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4843	Cardinal LG	5012	Tempco Glass	5191	Trulite Glass and Aluminum Solutions
4844	Cardinal LG	5013	Tempco Glass	5192	Trulite Glass and Aluminum Solutions
4846	Al Abbar Architectural Glass	5019	S.F. Tempering	5193	Cardinal LG
4882	Oldcastle BuildingEnvelope®	5020	S.F. Tempering	5199	Robover Inc.
4883	AGNORA LTD	5021	S.F. Tempering	5200	Robover Inc.
4884	AGNORA LTD	5026	3 Form	5201	Robover Inc.
4885	AGNORA LTD	5050	Techni-Glass LLC	5202	Robover Inc.
4889	GlassFab Tempering Services, Inc. Mariani Ct.	5052 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5203	Basco Engineered Products
4890	GlassFab Tempering Services, Inc. Mariani Ct.	5053 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5204	Vitro Architectural Glass
4891	GlassFab Tempering Services, Inc. Mariani Ct.	5054 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5205	Vitro Architectural Glass
4893	GlassFab Tempering Services, Inc. Mariani Ct.	5055 IN	Jiangmen SYP Engineering Glass Co, Ltd.	5206	Vitro Architectural Glass
4897	GlassFab Tempering Services, Inc. Mariani Ct.	5076	Basco Engineered Products	5207	Vitro Architectural Glass
4900	US Tempering LLC	5084	Aluminum Technology Auxiliary Industries	5210	3 Form
4901	US Tempering LLC	5095	Cardinal CT	5211	3 Form
4902	US Tempering LLC	5096	Cardinal CT	5212	Aluminum Technology Auxiliary Industries
4903	US Tempering LLC	5097	Cardinal CT	5213	SIGCO, Inc.
4911	Prelco Inc.	5098	Cardinal CT	5219	Garibaldi Glass Ind. Inc.
4912	Prelco Inc.	5099	Cardinal CT	5220	Tianjin Northglass Industrial Technical Co., Ltd
4913	Prelco Inc.	5100	Cardinal CT	5221	Tianjin Northglass Industrial Technical Co., Ltd
4914	Prelco Inc.	5116	Glass and Mirror Craft	5226	Multiver
4915	Prelco Inc.	5123	Dulles Glass	5227	Multiver
4916	Prelco Inc.	5124	Garibaldi Glass Ind. Inc.	5228	Multiver
4917	Prelco Inc.	5127	Arlene Stained Glass & Door	5242	Paragon Tempered Glass
4918	Dulles Glass	5128	GlassFab Tempering Services, Inc. Mariani Ct.	5259	Press Glass, Inc.
4922	Trulite Glass and Aluminum Solutions	5134	Trulite Glass and Aluminum Solutions	5260	Dalian Huaying Glass Limited Liability Co.
4923	Trulite Glass and Aluminum Solutions	5135	Inkan Ltd	5261	Dalian Huaying Glass Limited Liability Co.
4925	McGrory Glass	5136	Inkan Ltd	5273	Trulite Glass and Aluminum Solutions
4927	Upstate Glass Tempering Inc.	5137	Inkan Ltd	5274	Trulite Glass and Aluminum Solutions
4928	JM Glass	5138	Inkan Ltd	5275	Trulite Glass and Aluminum Solutions
4929	JM Glass	5139	Inkan Ltd	5276	Trulite Glass and Aluminum Solutions
4930	JM Glass	5140	Inkan Ltd	5277	Trulite Glass and Aluminum Solutions
4931	JM Glass	5141	Qinhuangdao Qicaishi Glass Processing Co., Ltd.	5279	Trulite Glass and Aluminum Solutions
4936	Changshu Zhouxing Craft Glass Factory	5143	Glaz-Tech Industries, Inc.	5280	Qinhuangdao Jingxin Glass Co., Ltd.
4949	SAAND Ottawa	5144	Bendheim Wall Systems	5281	Cardinal CG
4950	SAAND Ottawa	5145	Bendheim Wall Systems	5283	American Insulated Glass, LLC
4951	SAAND Ottawa	5151	Changshu Xingfu Glass Building Material Co., LTD	5284	American Insulated Glass, LLC
4952	SAAND Ottawa	5152	Changshu Xingfu Glass Building Material Co., LTD	5285	American Insulated Glass, LLC
4953	SAAND Ottawa	5157	Upstate Glass Tempering Inc.	5286	American Insulated Glass, LLC
4954	SAAND Ottawa	5158	Upstate Glass Tempering Inc.	5287	American Insulated Glass, LLC
4966	Vidrio Bisel S.A. de C.V. (Santa Catarina)	5165	Tacoma Glass Mfg. Inc.	5288	American Insulated Glass, LLC
4967	Vidrio Bisel S.A. de C.V. (Santa Catarina)	5166	Tacoma Glass Mfg. Inc.	5289	American Insulated Glass, LLC
4978	Simonton Windows	5167	Tacoma Glass Mfg. Inc.	5296	Simonton Windows
4979	Simonton Windows	5173	W. A. Wilson Inc.	5297	Quaker Window Products, Inc.
4993	Tweddells Inc.	5174	Blue Star Glass Inc.	5298	Thompson I.G. LLC.
4995	SAAND Rexdale	5175	Blue Star Glass Inc.	5299	Thompson I.G. LLC.
4996	SAAND Rexdale	5183	Trulite Glass and Aluminum Solutions	5303	Thompson I.G. LLC.
4997	SAAND Rexdale	5184	Trulite Glass and Aluminum Solutions	5304	Thompson I.G. LLC.
4998	SAAND Rexdale	5185	Trulite Glass and Aluminum Solutions	5305	Thompson I.G. LLC.
4999	SAAND Rexdale	5186	Trulite Glass and Aluminum Solutions	5306	Cardinal CG
5000	SAAND Rexdale	5187	Trulite Glass and Aluminum Solutions	5318	Trulite Glass and Aluminum Solutions
5010	Tempco Glass	5189	Trulite Glass and Aluminum Solutions	5320	Trulite Glass and Aluminum Solutions
5011	Tempco Glass	5190	Trulite Glass and Aluminum Solutions	5321	Trulite Glass and Aluminum Solutions
				5322	Trulite Glass and Aluminum Solutions
				5335	Cardinal CT

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5336	Cardinal CT	5465	Zhangjiagang City Daming Glass Product Co., Ltd	5596	Wisconsin Shower Door & Supply Corp
5337	Trulite Glass and Aluminum Solutions	5466	Zhangjiagang City Daming Glass Product Co., Ltd	5597	Wisconsin Shower Door & Supply Corp
5338	Trulite Glass and Aluminum Solutions	5477	Trulite Glass and Aluminum Solutions	5598	Glass and Mirror Craft
5339	Trulite Glass and Aluminum Solutions	5479	Cardinal CT	5610	Prelco Inc.
5340	Trulite Glass and Aluminum Solutions	5480	Glasswerks GWA- West	5611	Prelco Inc.
5341	Trulite Glass and Aluminum Solutions	5481	Glasswerks GWA- West	5635	ATI Windows
5343	Trulite Glass and Aluminum Solutions	5482	Glasswerks GWA- West	5636	ATI Windows
5344	Trulite Glass and Aluminum Solutions	5483	Trulite Glass and Aluminum Solutions	5637	ATI Windows
5345	Trulite Glass and Aluminum Solutions	5498	Produits Verrier International Inc.	5638	ATI Windows
5346	Trulite Glass and Aluminum Solutions	5499	Produits Verrier International Inc.	5639	ATI Windows
5348	Trulite Glass and Aluminum Solutions	5500	Produits Verrier International Inc.	5680	Trulite Glass and Aluminum Solutions
5349	Trulite Glass and Aluminum Solutions	5501	Produits Verrier International Inc.	5687	Trulite Glass and Aluminum Solutions
5350	Trulite Glass and Aluminum Solutions	5502	Produits Verrier International Inc.	5688	Trulite Glass and Aluminum Solutions
5351	Changshu Weier Glass Products Co. Ltd.	5503	Produits Verrier International Inc.	5690	Triton Glass LLC
5352	Changshu Weier Glass Products Co. Ltd.	5504	Produits Verrier International Inc.	5691	Triton Glass LLC
5353	Changshu Weier Glass Products Co. Ltd.	5505	Produits Verrier International Inc.	5692	Triton Glass LLC
5354	Changshu Weier Glass Products Co. Ltd.	5507	Trulite Glass and Aluminum Solutions	5693	Triton Glass LLC
5364	Cardinal CT	5508	Trulite Glass and Aluminum Solutions	5694	Triton Glass LLC
5366	Bronco Industries, Inc.	5509	Trulite Glass and Aluminum Solutions	5701	Trulite Glass and Aluminum Solutions
5367	Bronco Industries, Inc.	5510	Trulite Glass and Aluminum Solutions	5702	Trulite Glass and Aluminum Solutions
5368	Bronco Industries, Inc.	5511	Trulite Glass and Aluminum Solutions	5703	Trulite Glass and Aluminum Solutions
5384	Tweddells Inc.	5517	Trulite Glass and Aluminum Solutions	5704	Trulite Glass and Aluminum Solutions
5385	Tweddells Inc.	5518	Trulite Glass and Aluminum Solutions	5706	Trulite Glass and Aluminum Solutions
5386	Tweddells Inc.	5521	Flat Glass Group Co., Ltd.	5706	Trulite Glass and Aluminum Solutions
5387	Oldcastle BuildingEnvelope®	5522	Flat Glass Group Co., Ltd.	5719	Quest Window Systems
5397	Trulite Glass and Aluminum Solutions	5523	Flat Glass Group Co., Ltd.	5720	Cardinal CT
5398	Trulite Glass and Aluminum Solutions	5524	Flat Glass Group Co., Ltd.	5729	Nashville Tempered Glass Corp.
5399	Trulite Glass and Aluminum Solutions	5532	Xinyi Glass (Tianjin) Co. Ltd.	5730	Thermal Seal Insulating Glass
5400	Trulite Glass and Aluminum Solutions	5533	Xinyi Glass (Tianjin) Co. Ltd.	5731	Thermal Seal Insulating Glass
5401	Trulite Glass and Aluminum Solutions	5534	Xinyi Glass (Tianjin) Co. Ltd.	5732	Thermal Seal Insulating Glass
5404	Trulite Glass and Aluminum Solutions	5535	Xinyi Glass (Tianjin) Co. Ltd.	5733	Thermal Seal Insulating Glass
5405	Trulite Glass and Aluminum Solutions	5536	Xinyi Glass (Tianjin) Co. Ltd.	5734	Thermal Seal Insulating Glass
5407	Unitex Glass Chengdu Co., Ltd	5554	Downey Glass	5735	Thermal Seal Insulating Glass
5408	Unitex Glass Chengdu Co., Ltd	5566	Rizhao Huaye Glass Co., Ltd.	5736	Thermal Seal Insulating Glass
5414	Unitex Glass Chengdu Co., Ltd	5567	Rizhao Huaye Glass Co., Ltd.	5737	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.
5432	Trulite Glass and Aluminum Solutions	5568	Rizhao Huaye Glass Co., Ltd.	5738	Zhangjiagang Weiyu Fabricated Glassware Co. Ltd.
5433	Trulite Glass and Aluminum Solutions	5569	Rizhao Huaye Glass Co., Ltd.	5746	Trulite Glass and Aluminum Solutions
5435	Cardinal IG	5570	Rizhao Huaye Glass Co., Ltd.	5747	Trulite Glass and Aluminum Solutions
5442	Oldcastle BuildingEnvelope®	5571	Rizhao Huaye Glass Co., Ltd.	5750	General Glass
5443	Trulite Glass and Aluminum Solutions	5572	Rizhao Huaye Glass Co., Ltd.	5751	General Glass
5444	Trulite Glass and Aluminum Solutions	5574	Aldora Aluminum and Glass Products, Inc.	5755	Cat-I Manufacturing, Inc.
5445	Trulite Glass and Aluminum Solutions	5575	Aldora Aluminum and Glass Products, Inc.	5756	Shower Doors & More Inc.
5446	Trulite Glass and Aluminum Solutions	5576	Aldora Aluminum and Glass Products, Inc.	5757	Shower Doors & More Inc.
5447	Trulite Glass and Aluminum Solutions	5577	Aldora Aluminum and Glass Products, Inc.	5758	Shower Doors & More Inc.
5448	Trulite Glass and Aluminum Solutions	5579	Aldora Aluminum and Glass Products, Inc.	5759	Shower Doors & More Inc.
5449	Trulite Glass and Aluminum Solutions	5585	Wisconsin Shower Door & Supply Corp	5762	Tristar Glass, Inc.
5451	Trulite Glass and Aluminum Solutions	5587	Wisconsin Shower Door & Supply Corp	5763	Robover Inc.
5452	S.F. Tempering	5588	Wisconsin Shower Door & Supply Corp	5764	Robover Inc.
5455	New Century Glass & Aluminum LLC	5589	Wisconsin Shower Door & Supply Corp	5772	New Angle Beveling
5456	New Century Glass & Aluminum LLC	5590	Wisconsin Shower Door & Supply Corp	5773	New Angle Beveling
5457	New Century Glass & Aluminum LLC	5592	Wisconsin Shower Door & Supply Corp	5774	New Angle Beveling
5458	New Century Glass & Aluminum LLC	5594	Wisconsin Shower Door & Supply Corp	5775	New Angle Beveling
5462	Unitex Glass Chengdu Co., Ltd	5595	Wisconsin Shower Door & Supply Corp	5776	New Angle Beveling
5463	Unitex Glass Chengdu Co., Ltd			5777	Jiangyin Mingyang Glass Production
				5778	Jiangyin Mingyang Glass Production
				5779	Jiangyin Mingyang Glass Production
				5780	Jiangyin Mingyang Glass Production

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
5781	Vidrio Duro de Mexico S.A. de C.V.	5940	Strong Tempering Glass Industry LLC	6066	Trulite Glass & Aluminum Solutions Canada, ULC
5782	Trulite Glass and Aluminum Solutions	5941	Strong Tempering Glass Industry LLC	6067	Trulite Glass & Aluminum Solutions Canada, ULC
5788	GnT Glass Co., Ltd.	5942	Strong Tempering Glass Industry LLC	6069	Cardinal IG
5789	GnT Glass Co., Ltd.	5946	M3 Glass Technologies	6070	Louisville Plate Glass
5790	GnT Glass Co., Ltd.	5947	M3 Glass Technologies	6072	Louisville Plate Glass
5835	Allglass Tempering Inc.	5973	Kensington Glass Arts	6073	Louisville Plate Glass
5836	Allglass Tempering Inc.	5974	Kensington Glass Arts	6074	Louisville Plate Glass
5837	Allglass Tempering Inc.	5975	Kensington Glass Arts	6075	Louisville Plate Glass
5838	Allglass Tempering Inc.	5976	Kensington Glass Arts	6079	Sfera SRL
5839	Allglass Tempering Inc.	5977	Kensington Glass Arts	6084	W.C.P., Inc dba West Coast Insulated Glass Products
5840	Vidrio Duro de Mexico S.A. de C.V.	5979	Xianning CSG Energy Conservation Glass Co., LTD.	6085	W.C.P., Inc dba West Coast Insulated Glass Products
5842	Cardinal CT	5980	Xianning CSG Energy Conservation Glass Co., LTD.	6086	W.C.P., Inc dba West Coast Insulated Glass Products
5845	PRESS GLASS SP ZOO	5981	Xianning CSG Energy Conservation Glass Co., LTD.	6087	W.C.P., Inc dba West Coast Insulated Glass Products
5846	PRESS GLASS SP ZOO	5982	Xianning CSG Energy Conservation Glass Co., LTD.	6088	W.C.P., Inc dba West Coast Insulated Glass Products
5847	PRESS GLASS SP ZOO	5983	Xianning CSG Energy Conservation Glass Co., LTD.	6089	W.C.P., Inc dba West Coast Insulated Glass Products
5848	PRESS GLASS SP ZOO	5986	GlassFab Tempering Services Inc. Holly Drive	6090	W.C.P., Inc dba West Coast Insulated Glass Products
5849	PRESS GLASS SP ZOO	5988	GlassFab Tempering Services Inc. Holly Drive	6095	Glasswerks GWT
5850	PRESS GLASS SP ZOO	5989	GlassFab Tempering Services Inc. Holly Drive	6096	Glasswerks GWT
5852	PRESS GLASS SP ZOO	5990	GlassFab Tempering Services Inc. Holly Drive	6097	Glasswerks GWT
5853	PRESS GLASS SP ZOO	5998	Carey Glass UC	6098	Glasswerks GWT
5854	PRESS GLASS SP ZOO	5999	Carey Glass UC	6099	Anthony International
5855	PRESS GLASS SP ZOO	6000	Carey Glass UC	6102	Trulite Glass and Aluminum Solutions
5856	PRESS GLASS SP ZOO	6004	Xianning CSG Energy Conservation Glass Co., LTD.	6103	Trulite Glass and Aluminum Solutions
5857	PRESS GLASS SP ZOO	6005	Xianning CSG Energy Conservation Glass Co., LTD.	6104	Trulite Glass and Aluminum Solutions
5860	Trulite Glass and Aluminum Solutions	6006	Trulite Glass and Aluminum Solutions	6105	Trulite Glass and Aluminum Solutions
5871	Bronco Industries, Inc.	6007	Trulite Glass and Aluminum Solutions	6106	Trulite Glass and Aluminum Solutions
5876	Trulite Glass and Aluminum Solutions	6008	Trulite Glass and Aluminum Solutions	6107	Trulite Glass and Aluminum Solutions
5877	Trulite Glass and Aluminum Solutions	6009	Trulite Glass and Aluminum Solutions	6113	Trulite Glass and Aluminum Solutions
5882	Glasswerks GWLA- East	6020	Gemtron Canada Corporation	6114 IN	Trulite Glass and Aluminum Solutions
5883	Glasswerks GWLA- East	6021	Gemtron Canada Corporation	6115	Trulite Glass and Aluminum Solutions
5884	Glasswerks GWLA- East	6022	Midwest Glass Fabricators Inc.	6118	GlassFab Tempering Services Inc. Holly Drive
5885	Glasswerks GWLA- East	6027	Midwest Glass Fabricators Inc.	6119	Foshan Gaoming Yaqi Toughened Glass
5890	Yong Feng Tai Foshan City Glass Co., LTD.	6028	Midwest Glass Fabricators Inc.	6120	Foshan Gaoming Yaqi Toughened Glass
5891	Yong Feng Tai Foshan City Glass Co., LTD.	6029	Midwest Glass Fabricators Inc.	6121	Foshan Gaoming Yaqi Toughened Glass
5892	Yong Feng Tai Foshan City Glass Co., LTD.	6030	Midwest Glass Fabricators Inc.	6122	Foshan Gaoming Yaqi Toughened Glass
5893	Yong Feng Tai Foshan City Glass Co., LTD.	6031	Midwest Glass Fabricators Inc.	6123	Foshan Gaoming Yaqi Toughened Glass
5894	Yong Feng Tai Foshan City Glass Co., LTD.	6032	Midwest Glass Fabricators Inc.	6124	Foshan Gaoming Yaqi Toughened Glass
5896	Trulite Glass and Aluminum Solutions	6033	Midwest Glass Fabricators Inc.	6125	Shanghai Zhenzhen Glassware Co., LTD.
5897	Trulite Glass and Aluminum Solutions	6034	Midwest Glass Fabricators Inc.	6126	Shanghai Zhenzhen Glassware Co., LTD.
5904	Oldcastle BuildingEnvelope®	6037	Midwest Glass Fabricators Inc.	6135	BVGLAZING SYSTEMS
5910	Cardinal IG	6047	GLASPRO	6136	BVGLAZING SYSTEMS
5911	Cardinal IG	6048	GLASPRO	6137	BVGLAZING SYSTEMS
5912	Cardinal IG	6061	Trulite Glass & Aluminum Solutions Canada, ULC	6138	BVGLAZING SYSTEMS
5917	U.S. Glass Distributors Inc.	6062	Trulite Glass & Aluminum Solutions Canada, ULC	6139	BVGLAZING SYSTEMS
5918	U.S. Glass Distributors Inc.	6063	Trulite Glass & Aluminum Solutions Canada, ULC	6143	Cardinal CT
5920 IN	U.S. Glass Distributors Inc.	6064	Trulite Glass & Aluminum Solutions Canada, ULC		
5921	U.S. Glass Distributors Inc.	6065	Trulite Glass & Aluminum Solutions Canada, ULC		
5922	U.S. Glass Distributors Inc.				
5923	U.S. Glass Distributors Inc.				
5924	U.S. Glass Distributors Inc.				
5925	U.S. Glass Distributors Inc.				
5926	U.S. Glass Distributors Inc.				
5927	U.S. Glass Distributors Inc.				
5939	Strong Tempering Glass Industry LLC				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6144	American Insulated Glass, LLC	6280	Manko Window Systems	6411	All Counties Glass
6145	American Insulated Glass, LLC	6286	Manko Windows	6412	All Counties Glass
6151	Aluminum Manufacturers Co. Ltd - ALUMATEC	6287	Manko Windows	6413	All Counties Glass
6152	Aluminum Manufacturers Co. Ltd - ALUMATEC	6288	Manko Windows	6414	All Counties Glass
6157	U.S. Glass Distributors Inc.	6289	Manko Windows	6415	All Counties Glass
6159	Trulite Glass and Aluminum Solutions	6290	Manko Windows	6416	Pulp Studio, Inc.
6165	Trulite Glass and Aluminum Solutions	6291	Manko Windows	6418	Tengzhou Fenghua Glass Co., LTD
6166	Trulite Glass and Aluminum Solutions	6292	Manko Windows	6419	Tengzhou Fenghua Glass Co., LTD
6167	Trulite Glass and Aluminum Solutions	6293	Manko Windows	6420	Tengzhou Fenghua Glass Co., LTD
6168	Trulite Glass and Aluminum Solutions	6294	Manko Windows	6421	Tengzhou Fenghua Glass Co., LTD
6169	Trulite Glass and Aluminum Solutions	6295	Manko Windows	6422	Tengzhou Fenghua Glass Co., LTD
6172	Cardinal CT	6296	Manko Windows	6424	Tengzhou Fenghua Glass Co., LTD
6173	Cardinal CT	6297	Edge Tempering	6425	Tengzhou Fenghua Glass Co., LTD
6174	Cardinal CT	6298	Edge Tempering	6426	Tengzhou Fenghua Glass Co., LTD
6186	Sierra Glass Fabrication Inc.	6299	Edge Tempering	6433	WinTech
6189	Trulite Glass and Aluminum Solutions	6301	Standard Bent Glass	6434	WinTech
6190	Trulite Glass and Aluminum Solutions	6302	Standard Bent Glass	6440	Quality Enclosures
6191	Changshu ZhongXin Building Materials Co., Ltd.	6303	Standard Bent Glass	6441	Quality Enclosures
6203	Jiangyin Mingyang Glass Production	6304	Standard Bent Glass	6442	Quality Enclosures
6204	Stargrup Cam A.S.	6314	Echols Glass and Mirror, Inc.	6443	Quality Enclosures
6205	Stargrup Cam A.S.	6315	Echols Glass and Mirror, Inc.	6444	Quality Enclosures
6206	Stargrup Cam A.S.	6316	Echols Glass and Mirror, Inc.	6445	Quality Enclosures
6209	Crystal Tempering, Inc.	6317	Echols Glass and Mirror, Inc.	6446	Quality Enclosures
6210	Crystal Tempering, Inc.	6318	Echols Glass and Mirror, Inc.	6447	Trulite Glass and Aluminum Solutions
6211	Crystal Tempering, Inc.	6319	Echols Glass and Mirror, Inc.	6453	Yitian (Cattis) Glass Product Co., Ltd
6212	Crystal Tempering, Inc.	6320	Bel Pre Glassworks Inc.	6454	Yitian (Cattis) Glass Product Co., Ltd
6214	Crystal Tempering, Inc.	6321	Bel Pre Glassworks Inc.	6455	Yitian (Cattis) Glass Product Co., Ltd
6215	Crystal Tempering, Inc.	6322	Bel Pre Glassworks Inc.	6470	Bel Shower Door Corporation
6216	Crystal Tempering, Inc.	6324	Bel Pre Glassworks Inc.	6471	Bel Shower Door Corporation
6227	Whalley Glass Co	6325	Bel Pre Glassworks Inc.	6472	Bel Shower Door Corporation
6228	Whalley Glass Co	6326	Gulf Glass Industries, LLC	6473	Bel Shower Door Corporation
6243	Quality Enclosures Tempering, Inc.	6329	Xinyi Glass (Tianjin) Co. Ltd.	6474	Bel Shower Door Corporation
6244	Quality Enclosures Tempering, Inc.	6340	Skyline Design	6475	Changshu ZhongXin Building Materials Co., Ltd.
6245	Quality Enclosures Tempering, Inc.	6343	Skyline Design	6476	Luoyang LandGlass Technology Co., LTD
6246	Quality Enclosures Tempering, Inc.	6347	Skyline Design	6478	Jiangyin Mingyang Glass Production
6247	Quality Enclosures Tempering, Inc.	6350	Skyline Design	6479	Jiangyin Mingyang Glass Production
6248	Quality Enclosures Tempering, Inc.	6364	Woon-Tech Inc.	6484 IN	Cardinal LG
6249	Quality Enclosures Tempering, Inc.	6365	Woon-Tech Inc.	6499	Changshu ZhongXin Building Materials Co., Ltd.
6265	Thermalsun Glass Products	6366	Woon-Tech Inc.	6500	Changshu ZhongXin Building Materials Co., Ltd.
6266	Thermalsun Glass Products	6367	Woon-Tech Inc.	6502	Shape Glass LLC.
6267	Thermalsun Glass Products	6368	Woon-Tech Inc.	6503	Shape Glass LLC.
6268	Thermalsun Glass Products	6369	Woon-Tech Inc.	6504	Shape Glass LLC.
6269	Thermalsun Glass Products	6372	Portland Glass Manufacturing	6505	Shape Glass LLC.
6270	Thermalsun Glass Products	6373	Portland Glass Manufacturing	6506	Shape Glass LLC.
6271 IN	Ningbo Xinxin Glass Technology Co., Ltd	6375	United Plate Glass Co., Inc.	6507	Shape Glass LLC.
6272	Ningbo Xinxin Glass Technology Co., Ltd	6377	Hartung Glass Industries	6508	PRL Glass Systems
6273 IN	Ningbo Xinxin Glass Technology Co., Ltd	6378 IN	Hartung Glass Industries	6510	Portland Glass Manufacturing
6274	Ningbo Xinxin Glass Technology Co., Ltd	6379	Hartung Glass Industries	6516	Cardinal CT
6275 IN	Manko Window Systems	6380	Hartung Glass Industries	6517	Productora y Distribuidora de Espejos S.A. de C.V.
6276 IN	Manko Window Systems	6381	Hartung Glass Industries	6518	Productora y Distribuidora de Espejos S.A. de C.V.
6277	Manko Window Systems	6382	Hartung Glass Industries	6519	Unitex Glass Chengdu Co., Ltd
6278	Manko Window Systems	6388	Trulite Glass and Aluminum Solutions	6520	Unitex Glass Chengdu Co., Ltd
6279	Manko Window Systems	6389	Trulite Glass and Aluminum Solutions	6522	Cardinal IG
		6394	Oldcastle BuildingEnvelope®	6523	Cardinal IG
		6404	PRESS GLASS SP ZOO		
		6407	Blue Star Glass Inc.		
		6409	All Counties Glass		
		6410	All Counties Glass		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6524	Cardinal IG	6668	Beijing NorthTech Haiyangshunda Glass Ltd.	6811	Chongqing SYP Engineering Glass Co., Ltd.
6525	Cardinal IG			6812	Chongqing SYP Engineering Glass Co., Ltd.
6534	Cardinal CG	6669	Beijing NorthTech Haiyangshunda Glass Ltd.	6813	Chongqing SYP Engineering Glass Co., Ltd.
6535	Vistamatic, LLC	6671	Custom Glass Products Inc.	6816	Valentini Glass & Components srl
6536	Vistamatic, LLC	6676	Zhejiang Jinchen Glass Co., Ltd.	6826	Manko Window Systems- KS
6537	Vistamatic, LLC	6684	Changshu Fardglass Co. Ltd.	6827	Manko Window Systems- KS
6538	Vistamatic, LLC	6685	Advanced Design Manufacturing	6828	Manko Window Systems- KS
6539	Vistamatic, LLC	6686	Advanced Design Manufacturing	6829	Manko Window Systems- KS
6540	GnT Glass Co., Ltd.	6688	Patriot Armored Systems, LLC	6830	Manko Window Systems- KS
6552	Cardinal CG	6689	Patriot Armored Systems, LLC	6833	Manko Window Systems- KS
6556	Cardinal IG	6690	Patriot Armored Systems, LLC	6834	Manko Window Systems- KS
6557	Cardinal IG	6691	Patriot Armored Systems, LLC	6835	Manko Window Systems- KS
6559	Cardinal IG	6698	Temp Glass Inc.	6836	Manko Window Systems- KS
6566	Northwestern Industries - Arizona, Inc.	6699	Temp Glass Inc.	6842	Cardinal CT
6567	Northwestern Industries - Arizona, Inc.	6700	Temp Glass Inc.	6845	Ningbo Xinxin Glass Technology Co., Ltd
6568	Northwestern Industries - Arizona, Inc.	6701	Temp Glass Inc.	6848	Xinyi Glass (Yingkou) Co., Ltd.
6569	Northwestern Industries - Arizona, Inc.	6706	Glassbel Baltic	6849	Xinyi Glass (Yingkou) Co., Ltd.
6574	Glaz-Tech Industries, Inc.	6707	Glassbel Baltic	6850	Xinyi Glass (Yingkou) Co., Ltd.
6575	Glaz-Tech Industries, Inc.	6708	Glassbel Baltic	6851	Xinyi Glass (Yingkou) Co., Ltd.
6576	Glaz-Tech Industries, Inc.	6709	Glassbel Baltic	6854	C&C Custom Glass & Tempering, LLC
6577	Glaz-Tech Industries, Inc.	6713	Glaz-Tech Industries, Inc.	6855	C&C Custom Glass & Tempering, LLC
6578	Glaz-Tech Industries, Inc.	6715	Tempco Glass	6856	C&C Custom Glass & Tempering, LLC
6579	Glaz-Tech Industries, Inc.	6716	Procesadora De Jalisco S.A. DE C.V. - Queretaro	6857	C&C Custom Glass & Tempering, LLC
6580	Glaz-Tech Industries, Inc.	6717	Procesadora De Jalisco S.A. DE C.V. - Queretaro	6858	C&C Custom Glass & Tempering, LLC
6581	Glaz-Tech Industries, Inc.	6718	Procesadora de Jalisco, S.A. DE C.V.	6859	C&C Custom Glass & Tempering, LLC
6582	Glaz-Tech Industries, Inc.	6719	Procesadora de Jalisco, S.A. DE C.V.	6860 IN	C&C Custom Glass & Tempering, LLC
6583	Glaz-Tech Industries, Inc.	6720	Procesadora de Jalisco, S.A. DE C.V.	6861	C&C Custom Glass & Tempering, LLC
6584	Glaz-Tech Industries, Inc.	6723	Cardinal CG	6862	C&C Custom Glass & Tempering, LLC
6585	Glaz-Tech Industries, Inc.	6728	Oldcastle BuildingEnvelope®	6867	CS ECO Glass (M) Sdn Bhd
6586	Glaz-Tech Industries, Inc.	6729	Oldcastle BuildingEnvelope®	6868	CS ECO Glass (M) Sdn Bhd
6588	Glaz-Tech Industries, Inc.	6730	Oldcastle BuildingEnvelope®	6869	CS ECO Glass (M) Sdn Bhd
6597	Glass Enterprises, Inc.	6733	Northwestern Glass Fab	6870	CS ECO Glass (M) Sdn Bhd
6598	Glass Enterprises, Inc.	6734	Northwestern Glass Fab	6871	CS ECO Glass (M) Sdn Bhd
6599	Glaz-Tech Industries, Inc.	6735	Northwestern Glass Fab	6877	Yong Feng Tai Foshan City Glass Co., LTD.
6600	Glaz-Tech Industries, Inc.	6736	Northwestern Glass Fab	6879	Yong Feng Tai Foshan City Glass Co., LTD.
6601	Glaz-Tech Industries, Inc.	6737	Northwestern Glass Fab	6886	Precision Glass Industries
6602	Glaz-Tech Industries, Inc.	6738	Northwestern Glass Fab	6887	Precision Glass Industries
6603	Glaz-Tech Industries, Inc.	6739	PAN- DUR Glass GmbH	6888	Precision Glass Industries
6604	Glaz-Tech Industries, Inc.	6739	PAN- DUR Glass GmbH	6889	Precision Glass Industries
6605	Glaz-Tech Industries, Inc.	6759	Trulite Glass and Aluminum Solutions	6890	Multiver
6606	Glaz-Tech Industries, Inc.	6776	Qingdao Ideal Building Material Co. Ltd.	6891	Aluminum Manufacturers Co. Ltd - ALUMATEC
6607	Glaz-Tech Industries, Inc.	6777	Qingdao Ideal Building Material Co. Ltd.	6893	Les Verres VMIK Inc.
6608	Glaz-Tech Industries, Inc.	6782	Blue Star Glass Inc.	6894	Les Verres VMIK Inc.
6609	Glaz-Tech Industries, Inc.	6784	Wujiang CSG Huadong Architectural Glass Co., LTD	6895	Les Verres VMIK Inc.
6610	Glaz-Tech Industries, Inc.	6785	Wujiang CSG Huadong Architectural Glass Co., LTD	6896	Les Verres VMIK Inc.
6611	Glaz-Tech Industries, Inc.	6786	Wujiang CSG Huadong Architectural Glass Co., LTD	6897	Les Verres VMIK Inc.
6612	Glaz-Tech Industries, Inc.	6787	Wujiang CSG Huadong Architectural Glass Co., LTD	6903	Beijing Wuhuatianbao Glass Co., Ltd.
6613	Trulite Glass and Aluminum Solutions	6788	Wujiang CSG Huadong Architectural Glass Co., LTD	6904	Beijing Wuhuatianbao Glass Co., Ltd.
6619	JYC Glass Co. Ltd.	6789	Wujiang CSG Huadong Architectural Glass Co., LTD	6905	Beijing Wuhuatianbao Glass Co., Ltd.
6620	JYC Glass Co. Ltd.	6789	Wujiang CSG Huadong Architectural Glass Co., LTD	6906	Beijing Wuhuatianbao Glass Co., Ltd.
6621	JYC Glass Co. Ltd.	6803	Viwinco, Inc.	6907	Beijing Wuhuatianbao Glass Co., Ltd.
6622	JYC Glass Co. Ltd.	6810	Chongqing SYP Engineering Glass Co., Ltd.	6908	Beijing Wuhuatianbao Glass Co., Ltd.
6635	Integrity Glass Tempering, LLC.			6909	Beijing Wuhuatianbao Glass Co., Ltd.
6636	Integrity Glass Tempering, LLC.				
6637	Integrity Glass Tempering, LLC.				
6639	Dalian Huaying Glass Limited Liability Co.				
6666	Integrity Glass Tempering, LLC.				

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
6910	Beijing Wuhuatianbao Glass Co., Ltd.	7076	W.C.P., Inc dba West Coast Insulated Glass Products	7188	Fujian Chengda Glass Co., Ltd
6918	24 Hour Thermal Glass Insulated Ltd.	7079	LTI Smart Glass, Inc.	7192	Compagnie de Portes Énergétique EDC (Energy Door Company)
6919	24 Hour Thermal Glass Insulated Ltd.	7080	Tristar Glass, Inc.	7197	Aluminum Technology Auxiliary Industries
6920	24 Hour Thermal Glass Insulated Ltd.	7081	Tristar Glass, Inc.	7198	Aluminum Technology Auxiliary Industries
6921	Glasswerks GWLA- East	7083	Vitro Architectural Glass	7201	Griffin Glass & Metal Werks, Inc.
6922	LTI Smart Glass, Inc.	7085	White Aluminum Enterprises LLC	7202	Griffin Glass & Metal Werks, Inc.
6923	LTI Smart Glass, Inc.	7086	Trulite Glass and Aluminum Solutions	7227	Mid-American Glass
6924	LTI Smart Glass, Inc.	7097	Integrity Glass Tempering, LLC.	7228	Mid-American Glass
6925	LTI Smart Glass, Inc.	7100	Fountain Glass Inc.	7229	Mid-American Glass
6926	LTI Smart Glass, Inc.	7101	Fountain Glass Inc.	7230	Mid-American Glass
6927	South Bay Showers, Inc.	7102	Fountain Glass Inc.	7231	Mid-American Glass
6928	South Bay Showers, Inc.	7103	Fountain Glass Inc.	7232	Mid-American Glass
6947	Shape Glass LLC.	7104	Fountain Glass Inc.	7235	Inter Fonction Ltee
6962	C&C Custom Glass & Tempering, LLC	7105	Fountain Glass Inc.	7239	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror
6963	PRESS GLASS SP ZOO	7106	Fountain Glass Inc.	7240	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror
6972	Bronco Industries, Inc.	7107	View Inc.	7241	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror
6973	Bronco Industries, Inc.	7108	View Inc.	7243	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror
6974	Bronco Industries, Inc.	7110	Qingdao Laurel Glass Technology Co., Ltd	7247	Qianse Acrylic Co., LTD.
6978	Multiver Ltee	7117	Vitrum Industries Ltd.	7250	Oldcastle BuildingEnvelope®
6980	Multiver Ltee	7118	Vitrum Industries Ltd.	7251	Simonton Windows
7006	Novatech Canada Inc.	7119	Vitrum Industries Ltd.	7252	South Bay Showers, Inc.
7007	Novatech Canada Inc.	7120	Vitrum Industries Ltd.	7254	South Bay Showers, Inc.
7008	Novatech Canada Inc.	7122	Vitrum Industries Ltd.	7258	Jiangyin Mingyang Glass Production
7010 IN	Hartung Glass Industries	7125	Qingdao Laurel Glass Technology Co., Ltd	7268	Jinzhou Fortune Spring Glass Co., Ltd.
7011	Hartung Glass Industries	7126	Qingdao Laurel Glass Technology Co., Ltd	7269	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY
7012	Hartung Glass Industries	7143	Glass Design of Miami, Inc.	7272	Tecnovidrio S.A. de C.V.
7018	Trulite Glass and Aluminum Solutions	7144	Glass Design of Miami, Inc.	7273	Tecnovidrio S.A. de C.V.
7022	Maryland Glass & Mirror	7145	Glass Design of Miami, Inc.	7274	Tecnovidrio S.A. de C.V.
7023	GlassFab Tempering Services, Inc. Mariani Ct.	7146	Griffin Glass & Metal Werks, Inc.	7275	Tecnovidrio S.A. de C.V.
7024	GlassFab Tempering Services Inc. Holly Drive	7147	Griffin Glass & Metal Werks, Inc.	7276	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY
7030	Uniglass	7148	Griffin Glass & Metal Werks, Inc.	7277	A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY
7031	Uniglass	7149 IN	Precision Glass Bending Corporation	7280	Edge Tempering
7032	Uniglass	7150 IN	Precision Glass Bending Corporation	7284	Griffin Glass & Metal Werks, Inc.
7033	Sunfire Glass, Inc.	7151 IN	Precision Glass Bending Corporation	7285	Tempco Glass
7036	Sunfire Glass, Inc.	7152 IN	Precision Glass Bending Corporation	7298	Glasstech Industries B.S.C.
7038	Sunfire Glass, Inc.	7153 IN	Precision Glass Bending Corporation	7299	Glasstech Industries B.S.C.
7039	Oldcastle BuildingEnvelope®	7156	US Glass Tempering Inc.	7300	Glasstech Industries B.S.C.
7050	Sichuan CSG Energy Conservation Glass Co., Ltd.	7157	US Glass Tempering Inc.	7307	Aldora Aluminum and Glass Products, Inc.
7051	Sichuan CSG Energy Conservation Glass Co., Ltd.	7159	US Glass Tempering Inc.	7308	Aldora Aluminum and Glass Products, Inc.
7052	Sichuan CSG Energy Conservation Glass Co., Ltd.	7160	US Glass Tempering Inc.	7309	Aldora Aluminum and Glass Products, Inc.
7053	Sichuan CSG Energy Conservation Glass Co., Ltd.	7161	US Glass Tempering Inc.	7310	Aldora Aluminum and Glass Products, Inc.
7054	Sichuan CSG Energy Conservation Glass Co., Ltd.	7165	La Tecnica Nel Vetro SpA	7311	Aldora Aluminum and Glass Products, Inc.
7055	Sichuan CSG Energy Conservation Glass Co., Ltd.	7166	La Tecnica Nel Vetro SpA	7312	ProTemp Glass, Inc.
7062	Innovative Glass Products LLC	7167	La Tecnica Nel Vetro SpA	7313	ProTemp Glass, Inc.
7063	Innovative Glass Products LLC	7168	La Tecnica Nel Vetro SpA	7314	ProTemp Glass, Inc.
7064	Innovative Glass Products LLC	7170	Mr. Glass Tempering, LLC	7315	ProTemp Glass, Inc.
7065	Innovative Glass Products LLC	7171	Mr. Glass Tempering, LLC	7316	ProTemp Glass, Inc.
7066	Yong Feng Tai Foshan City Glass Co., LTD.	7172	Mr. Glass Tempering, LLC		
7067	Cardinal IG	7173	Mr. Glass Tempering, LLC		
7072	Tristar Glass, Inc.	7174	La Tecnica Nel Vetro SpA		
7075	W.C.P., Inc dba West Coast Insulated Glass Products	7182 IN	Fujian Chengda Glass Co., Ltd		
		7183 IN	Fujian Chengda Glass Co., Ltd		
		7185	Fujian Chengda Glass Co., Ltd		
		7186	Fujian Chengda Glass Co., Ltd		
		7187	Fujian Chengda Glass Co., Ltd		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7317	Cardinal CT	7468	AdvanTec	7569	Complete Line Glass Wholesalers, Inc.
7318	Cardinal CT	7469	AdvanTec	7570	Complete Line Glass Wholesalers, Inc.
7319	Cardinal CT	7470	AdvanTec	7572	Complete Line Glass Wholesalers, Inc.
7320	Cardinal CT	7471	Niskayuna Glass	7574	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.
7321	Cardinal CT	7472	Niskayuna Glass	7575	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.
7322	Cardinal CT	7473	Niskayuna Glass	7576	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.
7323	Cardinal CT	7477	White Aluminum Enterprises LLC	7577	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.
7335	Shandong Yaohua Glass Co., Ltd.	7478	General Glass	7578	Jiangmen Jianghai Jin Ying Tempered Glass Ltd.
7336	Shandong Yaohua Glass Co., Ltd.	7481	Prelco MTL Inc.	7579	Stargrup Cam A.S.
7337	Shandong Yaohua Glass Co., Ltd.	7482	Prelco MTL Inc.	7580	Trulite Glass and Aluminum Solutions
7338	Shandong Yaohua Glass Co., Ltd.	7483	Prelco MTL Inc.	7590	Tristar Glass, Inc.
7346	Aluminum Manufacturers Co. Ltd - ALUMATEC	7484	Prelco MTL Inc.	7598	Jiangyin Mingyang Glass Production
7349	Southern Wholesale Glass, Inc.	7485	Prelco MTL Inc.	7605	Precision Glass Industries
7350	Southern Wholesale Glass, Inc.	7486	Al Andalus Glass Factory Co.	7609	Erdem Dis Ticaret A.S.
7358	Lien Yeu GLASSTECH (M) SDN BHD	7487	Al Andalus Glass Factory Co.	7610	Erdem Dis Ticaret A.S.
7359	Lien Yeu GLASSTECH (M) SDN BHD	7491	Cardinal IG	7611	Erdem Dis Ticaret A.S.
7360	Lien Yeu GLASSTECH (M) SDN BHD	7492	Vetrodomus SpA	7620	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited
7361	Lien Yeu GLASSTECH (M) SDN BHD	7493	Vetrodomus SpA	7621	Dongguan Dongfa Chuangfu Special Glass Technology Company Limited
7362	Lien Yeu GLASSTECH (M) SDN BHD	7494	Vetrodomus SpA	7622	Luoyang LandGlass Technology Co., LTD
7363	Guangdong Haikong Special Glass Technology Co., Ltd.	7496	Cardinal LG Northeast	7626	D3 Glass, LLC
7364	Guangdong Haikong Special Glass Technology Co., Ltd.	7497	Cardinal LG Northeast	7627	D3 Glass, LLC
7365	Guangdong Haikong Special Glass Technology Co., Ltd.	7498	Cardinal LG Northeast	7628	D3 Glass, LLC
7366	Guangdong Haikong Special Glass Technology Co., Ltd.	7499	Cardinal LG Northeast	7629	D3 Glass, LLC
7367	Guangdong Haikong Special Glass Technology Co., Ltd.	7500	Cardinal LG Northeast	7630	Cleer Vision Tempered Glass
7368	Guangdong Haikong Special Glass Technology Co., Ltd.	7509	PRESS GLASS SP ZOO	7640	Senneca Holdings Inc, (Thermoseal Brand)
7374	Advanced Impact Technologies	7510	PRESS GLASS SP ZOO	7641	Senneca Holdings Inc, (Thermoseal Brand)
7375	Advanced Impact Technologies	7511	PRESS GLASS SP ZOO	7642	Senneca Holdings Inc, (Thermoseal Brand)
7376	Advanced Impact Technologies	7512	PRESS GLASS SP ZOO	7643	Aldora Aluminum and Glass Products, Inc.
7377	Advanced Impact Technologies	7513	PRESS GLASS SP ZOO	7644	Aldora Aluminum and Glass Products, Inc.
7378	Advanced Impact Technologies	7514	PRESS GLASS SP ZOO	7645	Aldora Aluminum and Glass Products, Inc.
7381	Vitrum Industries Ltd.	7521 IN	Oldcastle BuildingEnvelope®	7646	Aldora Aluminum and Glass Products, Inc.
7382	ProTemp Glass, Inc.	7527	Jiangsu Chungce Glass Co., Ltd.	7647	Aldora Aluminum and Glass Products, Inc.
7397	Oldcastle BuildingEnvelope® Canada Inc.	7530	Vitrum Industries Ltd. (Calgary)	7652	Philly Glass Industry Inc.
7398	Oldcastle BuildingEnvelope® Canada Inc.	7531	Vitrum Industries Ltd. (Calgary)	7653	Philly Glass Industry Inc.
7401	Vitelsa Mosquera	7532	Vitrum Industries Ltd. (Calgary)	7654	Philly Glass Industry Inc.
7410	ProTemp Glass, Inc.	7533	Vitrum Industries Ltd. (Calgary)	7655	Philly Glass Industry Inc.
7411	ProTemp Glass, Inc.	7534	Vitrum Industries Ltd. (Calgary)	7656 IN	Philly Glass Industry Inc.
7418	Accurate Glass Products	7535	Vitrum Industries Ltd. (Calgary)	7657 IN	Philly Glass Industry Inc.
7419	Accurate Glass Products	7536	SAAND London	7658	SAAND London
7420	Accurate Glass Products	7543	Clinton Glass Company (Middlebrook Pike)	7659	Quest USA, Inc.
7421	Accurate Glass Products	7544	Clinton Glass Company (Middlebrook Pike)	7660 IN	Mr. Glass LLC.
7424 IN	Oldcastle BuildingEnvelope®	7545	Clinton Glass Company (Middlebrook Pike)	7662 IN	Mr. Glass LLC.
7446	TG Taicang Architectural Glass Co. Ltd	7549	Cardinal LG Northeast	7670	Sierra Glass Fabrication Inc.
7447	TG Taicang Architectural Glass Co. Ltd	7550	Cardinal LG Northeast	7671	Mercer Glass Fab LLC
7448	TG Taicang Architectural Glass Co. Ltd	7551	Central Valley Glass & Screen, Inc.	7672	Accurate Glass Products
7449	TG Taicang Architectural Glass Co. Ltd	7552	Central Valley Glass & Screen, Inc.	7675	Standard Bent Glass
7450	TG Taicang Architectural Glass Co. Ltd	7553	Central Valley Glass & Screen, Inc.	7676 IN	Standard Bent Glass
7463	AdvanTec	7554	Central Valley Glass & Screen, Inc.		
7464	AdvanTec	7555	Central Valley Glass & Screen, Inc.		
7465	AdvanTec	7556	Central Valley Glass & Screen, Inc.		
7466	AdvanTec	7556	Complete Line Glass Wholesalers, Inc.		
7467	AdvanTec	7567	Complete Line Glass Wholesalers, Inc.		
		7568	Complete Line Glass Wholesalers, Inc.		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7677	Standard Bent Glass	7796	GlassFab Tempering Services, Inc.	7881	Templados Industriales S.A. de C.V.
7681	Qingdao Kingdom Glass Co., Ltd.		Mariani Ct.	7889	United Plate Glass of Maryland LLC
7682	M Industria S.A. DE C.V.	7797	GlassFab Tempering Services, Inc.	7890	United Plate Glass of Maryland LLC
7683	M Industria S.A. DE C.V.		Mariani Ct.	7891	United Plate Glass of Maryland LLC
7684	M Industria S.A. DE C.V.	7798	GlassFab Tempering Services, Inc.	7892	United Plate Glass of Maryland LLC
7685	M Industria S.A. DE C.V.		Mariani Ct.	7896	Woodbridge Glass Distribution Inc.
7686	M Industria S.A. DE C.V.	7799	GlassFab Tempering Services, Inc.	7897	Woodbridge Glass Distribution Inc.
7687	M Industria S.A. DE C.V.		Mariani Ct.	7898	Woodbridge Glass Distribution Inc.
7693 IN	Mr. Glass LLC.	7800	Prelco Inc.	7899	Woodbridge Glass Distribution Inc.
7695	GlassTemp, Inc.	7807	Pulp Studio, Inc.	7900	Woodbridge Glass Distribution Inc.
7696	GlassTemp, Inc.	7808	Pulp Studio, Inc.	7901	Woodbridge Glass Distribution Inc.
7697	GlassTemp, Inc.	7809	CGMI Acquisition Company LLC dba	7902	Woodbridge Glass Distribution Inc.
7703	Wholesale Glass Dist.		Clearlight Glass and Mirror	7903	Woodbridge Glass Distribution Inc.
7708	M Industria S.A. DE C.V.	7810	Press Glass Inc.	7904	Woodbridge Glass Distribution Inc.
7709	M Industria S.A. DE C.V.	7811	Press Glass Inc.	7905	Woodbridge Glass Distribution Inc.
7712	Echols Glass and Mirror, Inc.	7812	Press Glass Inc.	7909	Oldcastle BuildingEnvelope®
7717	Foshan Gaoming Yaqi Toughened Glass	7813	Press Glass Inc.	7910	Oldcastle BuildingEnvelope®
7719	Vitelsa Mosquera	7814	Press Glass Inc.	7911	Oldcastle BuildingEnvelope®
7720	Vitrum Industries Ltd.	7815	Press Glass Inc.	7912	Oldcastle BuildingEnvelope®
7721	Vitrum Industries Ltd.	7816	Press Glass Inc.	7913	Oldcastle BuildingEnvelope®
7722	Vitrum Industries Ltd.	7821 IN	Mr. Glass LLC.	7914	Oldcastle BuildingEnvelope®
7723	Vitrum Industries Ltd.	7822 IN	Mr. Glass LLC.	7915	Oldcastle BuildingEnvelope®
7735	Vidrio Plano De Mexico S.A. DE C.V.	7823 IN	Mr. Glass LLC.	7916	Oldcastle BuildingEnvelope®
7736	Tomakk Glass Partners, LLC	7824 IN	Mr. Glass LLC.	7917	Shandong Kingtom Glass Co., Ltd.
7737	Tomakk Glass Partners, LLC	7825	Valentini Glass & Components srl	7918	Shandong Kingtom Glass Co., Ltd.
7738	Tomakk Glass Partners, LLC	7826	Valentini Glass & Components srl	7919	Shandong Kingtom Glass Co., Ltd.
7739	Tomakk Glass Partners, LLC	7828	Trulite Glass and Aluminum Solutions	7920	Midwest Glass Fabricators Inc.
7741	WHTB Glass, LLC	7831	Clinton Glass Company (Middlebrook Pike)	7921	Midwest Glass Fabricators Inc.
7742	WHTB Glass, LLC	7834	American Insulated Glass LLC.	7922	Yildiz Cam San. Tic. A.S.
7743	WHTB Glass, LLC	7835	American Insulated Glass LLC.	7923	Yildiz Cam San. Tic. A.S.
7744	WHTB Glass, LLC	7836	American Insulated Glass LLC.	7924	Cardinal IG
7745	WHTB Glass, LLC	7837	American Insulated Glass LLC.	7934	Epta S.P.A.
7753	Splendor Shower Door	7840	Dolphin Glass Specialists, LLC	7935	Quaker Window Products, Inc.
7754	Splendor Shower Door	7843	Patio Enclosures	7948	Xiamen Shiner Glass Co., Ltd.
7755	Splendor Shower Door	7844	Produits Verrier International Inc.	7949	Xiamen Shiner Glass Co., Ltd.
7756	Splendor Shower Door	7845	Oldcastle BuildingEnvelope®	7950	Xiamen Shiner Glass Co., Ltd.
7757	Splendor Shower Door	7846	Oldcastle BuildingEnvelope®	7952	Technical Glass Company
7758	Splendor Shower Door	7847	Oldcastle BuildingEnvelope®	7953	Technical Glass Company
7759	Splendor Shower Door	7848	Oldcastle BuildingEnvelope®	7954	Technical Glass Company
7761	Splendor Shower Door	7849	Oldcastle BuildingEnvelope®	7955	Technical Glass Company
7768	Novavetro S.r.l.	7850	Oldcastle BuildingEnvelope®	7957	Yakut Cam A.S
7769	Novavetro S.r.l.	7851	Aldora Aluminum and Glass Products, Inc.	7958	Yakut Cam A.S
7770	Novavetro S.r.l.	7853	Vitralum Glass Solutions Inc.	7959	Yakut Cam A.S
7771	Novavetro S.r.l.	7855	Vetzeria F. Illi Paci S.R.L.	7960	Yakut Cam A.S
7772	Novavetro S.r.l.	7856	Vetzeria F. Illi Paci S.R.L.	7961	View Inc.
7773	Novavetro S.r.l.	7857	Vetzeria F. Illi Paci S.R.L.	7974	Guangdong South Star Glass Limited
7784	Fujian Tider Glass Co., Ltd.	7858	Pulp Studio, Inc.	7975	Guangdong South Star Glass Limited
7785	Fujian Tider Glass Co., Ltd.	7860	Pulp Studio, Inc.	7976	Guangdong South Star Glass Limited
7786	Fujian Tider Glass Co., Ltd.	7864 IN	Mr. Glass LLC.	7977	Guangdong South Star Glass Limited
7787	Fujian Tider Glass Co., Ltd.	7865 IN	Mr. Glass LLC.	7978	Guangdong South Star Glass Limited
7788	Fujian Tider Glass Co., Ltd.	7868	Gin Jye Ming Glass Co., Ltd.	7980	Nashville Tempered Glass LLC
7789	Fujian Tider Glass Co., Ltd.	7870	Jiangyin Mingyang Glass Production	7981	Wolverine Glass Products, Inc.
7790	Vitrum Industries Ltd.	7873	Ningbo Xinxin Glass Technology Co., Ltd	7982	Wolverine Glass Products, Inc.
7791	Control Glass, A&S, S.L.	7874	Fujian Chengda Glass Co., Ltd	7983	Wolverine Glass Products, Inc.
7792	Control Glass, A&S, S.L.	7875	American Insulated Glass LLC.	7984	Wolverine Glass Products, Inc.
7793	Control Glass, A&S, S.L.	7876	American Insulated Glass LLC.	7985	Wolverine Glass Products, Inc.
		7878	Trulite Glass and Aluminum Solutions	7986	Wolverine Glass Products, Inc.
		7880	Templados Industriales S.A. de C.V.	7987	Wolverine Glass Products, Inc.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
7988	Control Glass, A&S, S.L.	8089	Inter Fonction Ltee	8199	Intigral
7994	Hartung Glass Industries	8090	Sunglas Technics Co., Ltd.	8200	Intigral
7995	ATI Windows	8091	Guardian Fabrication, LLC	8201	Intigral
7996	US Glass Tempering Inc.	8098	American Insulated Glass, LLC	8202	Intigral
7998	Trulite Glass and Aluminum Solutions	8099	American Insulated Glass, LLC	8205	Zhejiang Jincheng Glass Co., Ltd.
7999	Trulite Glass and Aluminum Solutions	8100	Pingdingshan Youbo Glass Technology Co., Ltd.	8206	Zhejiang Jincheng Glass Co., Ltd.
8000	PT Abebersa Pratama	8103	Rohden Vidros LTDA (Unidade 2)	8209	Zhejiang Jincheng Glass Co., Ltd.
8001	Guardian Fabrication, LLC	8105	Vetzeria F. Illi Paci S.R.L.	8213	Arrow Mirror & Glass, Inc.
8002	Guardian Fabrication, LLC	8106	Basco Engineered Products	8214	Arrow Mirror & Glass, Inc.
8003	Guardian Fabrication, LLC	8107	Vitralum Glass Solutions Inc.	8215	Arrow Mirror & Glass, Inc.
8004	Guardian Fabrication, LLC	8116	VA Glass, LLC.	8216	Qingdao Pioneer Glass Co.,Ltd.
8005	Guardian Fabrication, LLC	8117	Blackline Aluminum Systems	8218	All Team Glass & Mirror, Ltd.
8006	Guardian Fabrication, LLC	8118	Blackline Aluminum Systems	8219	Stargrup Cam A.S.
8007	Guardian Fabrication, LLC	8119	Blackline Aluminum Systems	8220	Stargrup Cam A.S.
8008	Guardian Fabrication, LLC	8120	Blackline Aluminum Systems	8224	G.E. Silliker & Sons Ltd.
8009	Guardian Fabrication, LLC	8121	Laurier Architectural	8225	G.E. Silliker & Sons Ltd.
8010	Guardian Fabrication, LLC	8122	Laurier Architectural	8226	G.E. Silliker & Sons Ltd.
8011	Guardian Fabrication, LLC	8123	Laurier Architectural	8227	G.E. Silliker & Sons Ltd.
8012	Guardian Fabrication, LLC	8124	Laurier Architectural	8228	G.E. Silliker & Sons Ltd.
8013	Guardian Fabrication, LLC	8125	Laurier Architectural	8229	G.E. Silliker & Sons Ltd.
8019	Qingdao Laurel Glass Technology Co., Ltd	8127	Window Creations, LLC	8230	G.E. Silliker & Sons Ltd.
8020	Qingdao Laurel Glass Technology Co., Ltd	8128	Window Creations, LLC	8231	G.E. Silliker & Sons Ltd.
8023	Fujian Xihe Sanitary Ware Technology Co., Ltd	8129	Window Creations, LLC	8232	G.E. Silliker & Sons Ltd.
8024	Fujian Xihe Sanitary Ware Technology Co., Ltd	8130 IN	Window Creations, LLC	8233	EFCO Corporation
8025	Fujian Xihe Sanitary Ware Technology Co., Ltd	8134	Cardinal CT	8234	Yantai Dongfang Glass Co., Ltd
8026	Fujian Xihe Sanitary Ware Technology Co., Ltd	8137	BG Glass Technologies Inc.	8235	Yantai Dongfang Glass Co., Ltd
8030	Fujian Xihe Sanitary Ware Technology Co., Ltd	8138	BG Glass Technologies Inc.	8236	Yantai Dongfang Glass Co., Ltd
8031	Fujian Xihe Sanitary Ware Technology Co., Ltd	8139	BG Glass Technologies Inc.	8237	Ace Safety Glass Co., Ltd.
8032	Fujian Xihe Sanitary Ware Technology Co., Ltd	8140	BG Glass Technologies Inc.	8241	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8036	Wolverine Glass Products, Inc.	8141	BG Glass Technologies Inc.	8242	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8037	Wolverine Glass Products, Inc.	8142	Zhongshan Walle Glass Product Co., Ltd	8243	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8038	Lien Yeu GLASSTECH (M) SDN BHD	8143	Zhongshan Walle Glass Product Co., Ltd	8244	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8048	Intigral	8144	Zhongshan Walle Glass Product Co., Ltd	8252	Norfinch Glass & Mirror Mfg. Ltd.
8050	TEMCOR S. DE RL DE CV	8151	GlassTemp, Inc.	8253	Norfinch Glass & Mirror Mfg. Ltd.
8051	TEMCOR S. DE RL DE CV	8157	Extrusiones de Aluminio, S.A.	8254	Norfinch Glass & Mirror Mfg. Ltd.
8054	M Industria S.A. DE C.V.	8158	Extrusiones de Aluminio, S.A.	8255	Cardinal LG
8055	M Industria S.A. DE C.V.	8159	Extrusiones de Aluminio, S.A.	8260	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.
8056	M Industria S.A. DE C.V.	8165	Mirror Works Inc.	8261	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.
8057	ATI Windows	8166	Mirror Works Inc.	8262	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.
8058	ATI Windows	8167	Mirror Works Inc.	8263	Foshan Nanhai Nengyang Electrical Technology Co., Ltd.
8061	Lippert Components	8168	Mirror Works Inc.	8266	Kensington Glass Arts
8062	Lippert Components	8174	Dallas Flat Glass	8268	Kensington Glass Arts
8063	Qingdao Laurel Glass Technology Co., Ltd	8175	LongDing Glass Production Co., Ltd.	8269	Kensington Glass Arts
8066	Maryland Glass & Mirror	8176	LongDing Glass Production Co., Ltd.	8270	Kensington Glass Arts
8076	Cat-I Manufacturing, Inc.	8177	LongDing Glass Production Co., Ltd.	8271	Kensington Glass Arts
8077	J&Y Glass Services	8178	LongDing Glass Production Co., Ltd.	8272	Kensington Glass Arts
8078	J&Y Glass Services	8181	W.C.P., Inc dba West Coast Insulated Glass Products	8278	Renin Canada Corp.
8079	J&Y Glass Services	8185	Engineered Glass Products, L.L.C.	8281	Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti
8085	3 Form	8188	Tacoma Glass Mfg. Inc.	8287	Wexford Viking Glass Limited
8086	Sfera SRL	8189	Tacoma Glass Mfg. Inc.	8288	Yantai Bluesky Glass Co., Ltd
8087	Sfera SRL	8190	Tacoma Glass Mfg. Inc.	8289	Yantai Bluesky Glass Co., Ltd
		8191	Trulite Glass and Aluminum Solutions	8290	Yantai Bluesky Glass Co., Ltd
		8192	Rohden Vidros LTDA (Unidade 2)		
		8198	Panoramic Doors LLC		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8291	Vitrum Industries Ltd.	8390 IN	American Glass Tempering and Fabricators, Inc.	8471	Inter Fonction Ltee
8292	Vitrum Industries Ltd.	8397	Guardian Fabrication - Hialeah Gardens	8473	TG Tianjin Glass Co., Ltd.
8294	Industrial Tempering Glass	8398	Guardian Fabrication - Hialeah Gardens	8474	TG Tianjin Glass Co., Ltd.
8302	Diamond Glass	8399	Guardian Fabrication - Hialeah Gardens	8476	3 Form
8303	Diamond Glass	8400	Guardian Fabrication - Hialeah Gardens	8477	3 Form
8304	Diamond Glass	8402	Guardian Fabrication - Hialeah Gardens	8478	Novatech Canada Inc.
8307	Double Seal Insulating Glass Ltd.	8404	Uniglass	8480	Cardinal CT
8308	Double Seal Insulating Glass Ltd.	8406 IN	American Glass Tempering and Fabricators, Inc.	8481	Cardinal CT
8309	Double Seal Insulating Glass Ltd.	8407	Oldcastle BuildingEnvelope®	8482	Cardinal CT
8310	Double Seal Insulating Glass Ltd.	8408	Yorglass Cam Sanayi Ve Ticaret A.S.	8484	Xiamen Shiner Glass Co., Ltd.
8311	Shandong Kingtom Glass Co., Ltd.	8409	Yorglass Cam Sanayi Ve Ticaret A.S.	8485	Xiamen Shiner Glass Co., Ltd.
8312	Shandong Kingtom Glass Co., Ltd.	8410	Qingdao Kingdom Glass Co., Ltd.	8487	NOLA Showers, L.L.C.
8318	Renin Canada Corp.	8411	Simonton Windows	8488	NOLA Showers, L.L.C.
8319	Renin Canada Corp.	8414	Nissink Business Glass BV	8489	Inter Fonction Ltee
8320	GlassTemp, Inc.	8415	Nissink Business Glass BV	8490	Tempered Glass Industries, INC.
8321	Foshan Nanhai Ruixin Glass Co., LTD.	8416	Nissink Business Glass BV	8491	Tempered Glass Industries, INC.
8322	Foshan Nanhai Ruixin Glass Co., LTD.	8417	FG Glass Industries Pvt Ltd.	8493	Tempered Glass Industries, INC.
8323	Foshan Nanhai Ruixin Glass Co., LTD.	8418	FG Glass Industries Pvt Ltd.	8494	Tempered Glass Industries, INC.
8326	Thermafix A.J. Inc.	8419	FG Glass Industries Pvt Ltd.	8495	Zhongli Glass Co., Ltd
8327	Thermafix A.J. Inc.	8420	FG Glass Industries Pvt Ltd.	8496	Zhongli Glass Co., Ltd
8328	Thermafix A.J. Inc.	8421	FG Glass Industries Pvt Ltd.	8497	Zhongli Glass Co., Ltd
8329	Thermafix A.J. Inc.	8422	Air Master (Valmeg, LLC)	8498	Zhongli Glass Co., Ltd
8330	Thermafix A.J. Inc.	8424	Ace Safety Glass Co., Ltd.	8500	Saudi American Glass Company
8333	LongDing Glass Production Co., Ltd.	8426	Jubilee Company	8501	Saudi American Glass Company
8342	P&C Tempered Glass, LLC.	8428	Jubilee Company	8504	Panoramic Doors LLC
8343	P&C Tempered Glass, LLC.	8429	Jubilee Company	8505	Glaz-Tech Industries, Inc.
8348	Xiamen Shiner Glass Co., Ltd.	8435	Eliivate Mexico Supply S. de R.L. de C.V.	8506	A3 Glass Fabricator LLC
8349	Qingdao Apis Glass Industries Co. Ltd.	8436	Eliivate Mexico Supply S. de R.L. de C.V.	8507	A3 Glass Fabricator LLC
8350	Qingdao Apis Glass Industries Co. Ltd.	8437	Eliivate Mexico Supply S. de R.L. de C.V.	8508	A3 Glass Fabricator LLC
8352	Qinhuangdao Huaguang Technology Glass Co., Ltd.	8438	Eliivate Mexico Supply S. de R.L. de C.V.	8512	JAR Tempering Inc.
8355	Shandong Taishan Huayue Glass Co., Ltd.	8439	Eliivate Mexico Supply S. de R.L. de C.V.	8513	JAR Tempering Inc.
8360	Fujian Tider Glass Co., Ltd.	8444	Vista Glass Corporation	8514	JAR Tempering Inc.
8361	Fujian Tider Glass Co., Ltd.	8445	Vista Glass Corporation	8515	JAR Tempering Inc.
8362	Trulite Glass and Aluminum Solutions	8446	Vista Glass Corporation	8516	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8366	Fujian Tider Glass Co., Ltd.	8447	Vista Glass Corporation	8517	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8367	ECO Glass Production	8448	Vista Glass Corporation	8518	Qingdao Glorious Future Energy-saving Glass Co.,Ltd.
8369	ECO Glass Production	8450	Opulux Glass	8528	Yitian (Cattis) Glass Product Co., Ltd
8370	ECO Glass Production	8451	Opulux Glass	8529	Qingdao Pioneer Glass Co.,Ltd.
8373	Treaty City Industries Inc.	8452	Opulux Glass	8530	Qingdao Pioneer Glass Co.,Ltd.
8374 IN	Treaty City Industries Inc.	8453	Opulux Glass	8531	Qingdao Pioneer Glass Co.,Ltd.
8377	Premier Glass Products	8459	American Insulated Glass Inc.	8532	Qingdao Pioneer Glass Co.,Ltd.
8378	Premier Glass Products	8460	American Insulated Glass Inc.	8533	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd
8379	Premier Glass Products	8461	American Insulated Glass Inc.	8534	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd
8380	Flat Glass Group Co., Ltd.	8462	American Insulated Glass Inc.	8535	TEMCOR S. DE RL DE CV
8381	Vidrio Plano De Mexico S.A. DE C.V.	8463	American Insulated Glass Inc.	8536	Washington Glass Fabrication LLC.
8382	Vidrio Plano De Mexico S.A. DE C.V.	8464	Rider Glass Company Limited	8537	Washington Glass Fabrication LLC.
8383	Vidrio Plano De Mexico S.A. DE C.V.	8465	Rider Glass Company Limited	8538	Washington Glass Fabrication LLC.
8385	American Glass Tempering and Fabricators, Inc.	8466	Rider Glass Company Limited	8540	Glass Enterprises, Inc.
8386	American Glass Tempering and Fabricators, Inc.	8467	Rider Glass Company Limited	8541	Glass Enterprises, Inc.
8387	American Glass Tempering and Fabricators, Inc.	8470	Inter Fonction Ltee	8542	P&C Tempered Glass, LLC.
8388	American Glass Tempering and Fabricators, Inc.			8543	Standard Bent Glass
8389	American Glass Tempering and Fabricators, Inc.			8547	Multiver Ltee
				8548	Multiver Ltee
				8553	Changshu Mingyang Glass Products Co., Ltd.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8556	Cardinal CG	8625	Rider Glass Company Limited	8718	ITI Glass Company
8557	Kensington Glass Arts	8627	Foshan Gaoming Yaqi Toughened Glass	8729	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8561	Panasonic Housing Solutions Co., Ltd.	8629	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8730	Guangdong Rosery Bath Science and Technology Co.,Ltd.
8562	Premier Glass Products	8630	Guangdong Rosery Bath Science and Technology Co.,Ltd.	8731	Panasonic Housing Solutions Co., Ltd.
8563	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8631	The Glass Guild Ltd.	8732	KRYSTALLA VASILIOU SA (VASGLASS)
8564	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8632	The Glass Guild Ltd.	8733	KRYSTALLA VASILIOU SA (VASGLASS)
8565	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8633	The Glass Guild Ltd.	8734	KRYSTALLA VASILIOU SA (VASGLASS)
8566	Zhaoqing CSG Energy Conservation Glass Co., Ltd	8634	The Glass Guild Ltd.	8735	KRYSTALLA VASILIOU SA (VASGLASS)
8570	Anhui Dahe Mirror Enterprise Co. LTD.	8635	The Glass Guild Ltd.	8736	KRYSTALLA VASILIOU SA (VASGLASS)
8571	Anhui Dahe Mirror Enterprise Co. LTD.	8636	Glassfab Canada	8738	KRYSTALLA VASILIOU SA (VASGLASS)
8572	Anhui Dahe Mirror Enterprise Co. LTD.	8637	Glassfab Canada	8738	KRYSTALLA VASILIOU SA (VASGLASS)
8573	Anhui Dahe Mirror Enterprise Co. LTD.	8638	Glassfab Canada	8743	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8574	Anhui Dahe Mirror Enterprise Co. LTD.	8640	Glassfab Canada	8744	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8575	Anhui Dahe Mirror Enterprise Co. LTD.	8652	Cleer Vision Tempered Glass	8745	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8576	Trulite Glass and Aluminum Solutions	8653	Cleer Vision Tempered Glass	8746	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8582	Majestic Glass Inc.	8654	Cleer Vision Tempered Glass	8747	Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S.
8583	Majestic Glass Inc.	8655	Cardinal IG	8749	Synergy Energy Saving Glass (Tianjin) Co., Ltd.
8584	Majestic Glass Inc.	8663	Futureguard Building Products	8757	Arino Duglass
8585	Soluciones Arquitectonicas, S.A. De C.V.	8664	Qinhuangdao Shengrui Glass Processing CO., LTD.	8758	Arino Duglass
8586	Soluciones Arquitectonicas, S.A. De C.V.	8665	Thermafix A.J. Inc.	8759	Arino Duglass
8587	Guangdong Honghua Glass Technology Co., LTD.	8666	Zhejiang Pusaisi Intelligent Glass Co., LTD	8762	Thompson I.G. LLC.
8588	Guangdong Honghua Glass Technology Co., LTD.	8667	Zhejiang Pusaisi Intelligent Glass Co., LTD	8763	Thompson I.G. LLC.
8591	Ningbo Runner Industrial Corporation	8668	Zhejiang Pusaisi Intelligent Glass Co., LTD	8766	Changshu Mingyang Glass Products Co., Ltd.
8592	Ningbo Runner Industrial Corporation	8669	Zhejiang Pusaisi Intelligent Glass Co., LTD	8767	Changshu Mingyang Glass Products Co., Ltd.
8593	Ningbo Runner Industrial Corporation	8670	Patio Enclosures	8769	Vetriko S.A.
8594	Ningbo Runner Industrial Corporation	8674	Cardinal CT	8770	Vetriko S.A.
8595	Ningbo Runner Industrial Corporation	8675	Cardinal CT	8771	Vetriko S.A.
8596	Ningbo Runner Industrial Corporation	8676	Cardinal CT	8776	ITI Glass Company
8597 IN	Ningbo Runner Industrial Corporation	8677	Yildiz Cam San. Tic. A.S.	8777	ITI Glass Company
8598 IN	Ningbo Runner Industrial Corporation	8678	Yildiz Cam San. Tic. A.S.	8778	ITI Glass Company
8599	Air Master (Valmeg, LLC)	8680	Yildiz Cam San. Tic. A.S.	8780	Blue Star Glass Texas, LLC
8600	Air Master (Valmeg, LLC)	8682	Xiamen Shiner Glass Co., Ltd.	8782	Glaz-Tech Industries, Inc.
8601	Air Master (Valmeg, LLC)	8689	West Seal Ltd.(AWG Northern Dist.)	8783	Glaz-Tech Industries, Inc.
8602	Air Master (Valmeg, LLC)	8690	West Seal Ltd.(AWG Northern Dist.)	8784	Glaz-Tech Industries, Inc.
8603	Acme Glass LTD.	8691	West Seal Ltd.(AWG Northern Dist.)	8785	Glaz-Tech Industries, Inc.
8604	Acme Glass LTD.	8692	Vision En Cristal Y Aluminio SA DE CV	8786	Glaz-Tech Industries, Inc.
8605	Acme Glass LTD.	8693	Vision En Cristal Y Aluminio SA DE CV	8787	Glaz-Tech Industries, Inc.
8606	Acme Glass LTD.	8694	Vision En Cristal Y Aluminio SA DE CV	8788	Glaz-Tech Industries, Inc.
8608	Imagic Glass Inc.	8695	Foshan Douglas Glass Technology Co., LTD.	8789	Yong Feng Tai Foshan City Glass Co., LTD.
8609	Imagic Glass Inc.	8696	Foshan Douglas Glass Technology Co., LTD.	8791	Aldora Aluminum and Glass Products, Inc.
8610	Imagic Glass Inc.	8697	Foshan Douglas Glass Technology Co., LTD.	8792	Aldora Aluminum and Glass Products, Inc.
8616	Standard Bent Glass	8698	Fuzhou Autran Industrial Co., Ltd.	8793	Aldora Aluminum and Glass Products, Inc.
8617	Fujian Xihe Sanitary Ware Technology Co., Ltd	8699	Fuzhou Autran Industrial Co., Ltd.	8794	Aldora Aluminum and Glass Products, Inc.
8618	Fujian Xihe Sanitary Ware Technology Co., Ltd	8700	Fuzhou Autran Industrial Co., Ltd.		
8619	LongDing Glass Production Co., Ltd.	8702	Haojing Holdings Group Limited		
8620	Qingdao Runya Glass Products Co., LTD	8703	Haojing Holdings Group Limited		
8621	Press Glass, Inc.	8704	Haojing Holdings Group Limited		
8622	Glassfab Canada	8705	Haojing Holdings Group Limited		
8623 IN	Glassfab Canada	8706	Haojing Holdings Group Limited		
8624	Rider Glass Company Limited	8707	Haojing Holdings Group Limited		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
8795	Aldora Aluminum and Glass Products, Inc.	8878	Senneca Holdings Inc, (Thermoseal Brand)	8963	Dost Cam Sanayi ve Ticaret A.S.
8796	Aldora Aluminum and Glass Products, Inc.	8882	8044554 Canada Inc.	8966	Templados Del Centro SA DE C.V.
8797	Jiangmen Junfa Safety Glass Co., Ltd.	8883	8044554 Canada Inc.	8967	Templados Del Centro SA DE C.V.
8798	Trulite Glass and Aluminum Solutions	8884	8044554 Canada Inc.	8968	Templados Del Centro SA DE C.V.
8800	Isam M. Khairi Kabbani Glass Works LLC	8885	8044554 Canada Inc.	8969	Cardinal CT
8801	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8886	8044554 Canada Inc.	8970	Central Florida Glass & Mirror, Inc
8802	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8889 IN	The Glass Factory, LLC	8971	Central Florida Glass & Mirror, Inc
8803	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8890 IN	The Glass Factory, LLC	8972	Central Florida Glass & Mirror, Inc
8804	Hangzhou Blue-Sky Safety Glass Co., Ltd.	8891 IN	The Glass Factory, LLC	8973	Central Florida Glass & Mirror, Inc
8806	General Glass	8892	Glaz-Tech Industries, Inc.	8976	Dost Cam Sanayi ve Ticaret A.S.
8808	Whalley Glass Co	8894	Industrial Tempering Glass	8977	Dost Cam Sanayi ve Ticaret A.S.
8815	ArcTech Glass Ltd.	8897	Blue Star Glass Texas, LLC	8978	Dost Cam Sanayi ve Ticaret A.S.
8818	Aurora Windows and Doors	8898	Blue Star Glass Texas, LLC	8979	Tempered Glass Industries, INC.
8819	Aurora Windows and Doors	8900	American Insulated Glass LLC.	8980	Tempered Glass Industries, INC.
8820	Aurora Windows and Doors	8901	American Insulated Glass LLC.	8983	Safti First
8821	Aurora Windows and Doors	8902	American Insulated Glass LLC.	8984	Safti First
8828	Ningbo Xinxin Glass Technology Co., Ltd	8903	American Insulated Glass LLC.	8985	Safti First
8829	Accurate Glass Products	8904	American Insulated Glass LLC.	8986	Safti First
8830	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8905	American Insulated Glass LLC.	8992	Precision Glass Industries
8831	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8906	American Insulated Glass LLC.	8993	BG Glass Technologies Inc.
8832	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8907	American Insulated Glass LLC.	8994	Vidplex Universal S.AS
8833	Resman Glass PVC Aluminum SAN. VE TIC. A.S.	8908	American Insulated Glass LLC.	8995	Vidplex Universal S.AS
8837	Premier Glass Products	8911	Advantage Glass Corp	8996	Vidplex Universal S.AS
8838	Premier Glass Products	8912	Advantage Glass Corp	9000	Glass Group & Seal Inc
8839	Premier Glass Products	8913	Advantage Glass Corp	9001	Glass Group & Seal Inc
8840	Northwestern Glass Fab	8914	Quality Glass & Mirror, Inc.	9002	Glass Group & Seal Inc
8844	ITI Glass Company	8915	Quality Glass & Mirror, Inc.	9003	Glass Group & Seal Inc
8846	Cardinal IG	8916	Quality Glass & Mirror, Inc.	9004	ArcTech Glass Ltd.
8847	Cardinal IG	8917	Quality Glass & Mirror, Inc.	9005	ArcTech Glass Ltd.
8848	Cardinal IG	8918	Quality Glass & Mirror, Inc.	9006	ArcTech Glass Ltd.
8849	Cardinal IG	8921	Cardinal IG	9007	Glass Insulators Inc.
8850	Cardinal IG	8922	Milkana OOD	9008	Glass Insulators Inc.
8851	Cardinal IG	8923	Milkana OOD	9009	Glass Insulators Inc.
8852	Cardinal IG	8924	Milkana OOD	9010	Glass Insulators Inc.
8853	Changshu Mingyang Glass Products Co., Ltd.	8925	Milkana OOD	9011	Specialty Glass Products
8854	Changshu Mingyang Glass Products Co., Ltd.	8926	Making Glass North America Inc.	9012	Specialty Glass Products
8861	Tengzhou Fenghua Glass Co., LTD	8927	Making Glass North America Inc.	9013	Specialty Glass Products
8862 IN	Innovative Glass Products LLC	8928	Manko Window Systems- KS	9014	Specialty Glass Products
8863	Paragon Tempered Glass	8932	KAMRI Investments Limited	9015	Specialty Glass Products
8864	Hartung Glass Industries	8933	KAMRI Investments Limited	9018	Yin Fu (Dong Guan) Glass Co., Ltd.
8865	Hartung Glass Industries	8934	KAMRI Investments Limited	9019	Yin Fu (Dong Guan) Glass Co., Ltd.
8866	Hartung Glass Industries	8938 IN	Fujian Xihe Sanitary Ware Technology Co., Ltd	9020	Yin Fu (Dong Guan) Glass Co., Ltd.
8867	Hartung Glass Industries	8939	J.C. Moag Corporation	9021	Yin Fu (Dong Guan) Glass Co., Ltd.
8868	Hartung Glass Industries	8940	J.C. Moag Corporation	9022	Yin Fu (Dong Guan) Glass Co., Ltd.
8870	Cardinal CT	8941	J.C. Moag Corporation	9023	Yin Fu (Dong Guan) Glass Co., Ltd.
8875 IN	Rider Glass Company Limited	8942	J.C. Moag Corporation	9024	Yin Fu (Dong Guan) Glass Co., Ltd.
8876 IN	Rider Glass Company Limited	8944	Huahui Glass (China) Co., Ltd.	9025	Yin Fu (Dong Guan) Glass Co., Ltd.
8877 IN	Rider Glass Company Limited	8945	Huahui Glass (China) Co., Ltd.	9026	Yin Fu (Dong Guan) Glass Co., Ltd.
		8946	Huahui Glass (China) Co., Ltd.	9027	Yin Fu (Dong Guan) Glass Co., Ltd.
		8947	Huahui Glass (China) Co., Ltd.	9028	Yin Fu (Dong Guan) Glass Co., Ltd.
		8950	M Industria S.A. DE C.V.	9029	Yin Fu (Dong Guan) Glass Co., Ltd.
		8951	M Industria S.A. DE C.V.	9033	Making Glass North America Inc.
		8952	M Industria S.A. DE C.V.	9034	Making Glass North America Inc.
		8954	M3 Glass Technologies	9035	Making Glass North America Inc.
		8961	Trulite Glass and Aluminum Solutions	9036	Sunglas Technics Co., Ltd.
		8962	Dost Cam Sanayi ve Ticaret A.S.	9039	Qinhuangdao Yaoyou Engineering Glass Co., LTD.
				9045	Mitrex Inc.

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
9046	QinHuangDao Tianrui Tempered Technology Glass Co.	9123	Zhejiang Pusaisi Intelligent Glass Co., LTD	9216	Citywide Glass Services
9049	Shanghai Jiajie Glass Co., Ltd.	9126	ShanDong HaanGlas Co., LTD	9217	Citywide Glass Services
9050	Shanghai Jiajie Glass Co., Ltd.	9127	California Safety Glass S.A. de C.V.	9218	Citywide Glass Services
9051	Shanghai Jiajie Glass Co., Ltd.	9128	California Safety Glass S.A. de C.V.	9219	Tristar Glass, Inc.
9052	Shanghai Jiajie Glass Co., Ltd.	9129	California Safety Glass S.A. de C.V.	9220	Tristar Glass, Inc.
9060	GlasseccViracon	9130	California Safety Glass S.A. de C.V.	9221	Glass Enterprises, Inc.
9061	GlasseccViracon	9134	Vitrum Industries Ltd. (Calgary)	9222	Denver Glass Interiors, Inc.
9062	GlasseccViracon	9135	Vitrum Industries Ltd. (Calgary)	9227	United Plate Glass Co., Inc.
9065	Vitre-Art C.A.B. (1988) Inc.	9138	Aluminum Window Designs LTD	9228	Trulite Glass and Aluminum Solutions
9066	Vitre-Art C.A.B. (1988) Inc.	9139	Aluminum Window Designs LTD	9229	Werkman (Shandong) Vacuum Glass Technology Co., Ltd.
9067	Vitre-Art C.A.B. (1988) Inc.	9140	Aluminum Window Designs LTD	9232	Guang Dong Kibing Energy Saving Glass Co., LTD
9073	Qingdao Apis Glass Industries Co. Ltd.	9141	Aluminum Window Designs LTD	9233	Guang Dong Kibing Energy Saving Glass Co., LTD
9074	Qingdao Apis Glass Industries Co. Ltd.	9142	Ardic Cam Sanayi A.S.	9234	Guang Dong Kibing Energy Saving Glass Co., LTD
9075	Classy Glass Specialties Technology Co., Ltd	9143	Ardic Cam Sanayi A.S.	9235	Guang Dong Kibing Energy Saving Glass Co., LTD
9076	Classy Glass Specialties Technology Co., Ltd	9144	Ardic Cam Sanayi A.S.	9236	Guang Dong Kibing Energy Saving Glass Co., LTD
9077	Classy Glass Specialties Technology Co., Ltd	9145	Ardic Cam Sanayi A.S.	9237	Guang Dong Kibing Energy Saving Glass Co., LTD
9079	Templados Del Centro SA DE C.V.	9147	Tristar Glass, Inc.	9238	Guang Dong Kibing Energy Saving Glass Co., LTD
9080	TG Tianjin Glass Co., Ltd.	9149	M & F Home Solutions LLC.	9240	Beijing Guanhua Dongfang Glass Technology Co. Ltd
9081	Przedsiębiorstwo Prywatne Rezal	9150	M & F Home Solutions LLC.	9241	United Plate Glass Co., Inc.
9082	Przedsiębiorstwo Prywatne Rezal	9151	Cardinal CT	9242	Citywide Glass Services
9083	Przedsiębiorstwo Prywatne Rezal	9153	US Glass Depot LLC	9243	Al Cam Sanayi ve Ticaret Limited Sirketi
9084	Przedsiębiorstwo Prywatne Rezal	9154	US Glass Depot LLC	9244	Al Cam Sanayi ve Ticaret Limited Sirketi
9086	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9155	US Glass Depot LLC	9246	Shandong Kingtom Glass Co., Ltd.
9087	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9156	US Glass Depot LLC	9249	Shandong Blue Glass Technology Co., Ltd.
9088	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9161	Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti	9251	Saban Acikgoz Ins Malz San Tic AS
9089	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9162	Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti	9252	Saban Acikgoz Ins Malz San Tic AS
9090	Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch	9163	Whalley Glass Co	9253	Saban Acikgoz Ins Malz San Tic AS
9092	Syracuse Glass Company, LLC	9174	Perficom S.A. DE C.V.	9254	Saban Acikgoz Ins Malz San Tic AS
9093	Insulite Glass Co., Inc.	9175	Syracuse Glass Company, LLC	9255	Saban Acikgoz Ins Malz San Tic AS
9100 IN	Mr. Glass LLC.	9176	Syracuse Glass Company, LLC	9256	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions
9101	Jasan Fabricated Glass, Inc.	9177	Syracuse Glass Company, LLC	9257	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions
9102	Jasan Fabricated Glass, Inc.	9183	United Plate Glass of Maryland LLC	9258	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions
9103	Jasan Fabricated Glass, Inc.	9184	United Plate Glass of Maryland LLC	9259	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions
9104	Jasan Fabricated Glass, Inc.	9185	Perficom S.A. DE C.V.	9260	Minneapolis Glass Company
9105	Jasan Fabricated Glass, Inc.	9188	Sky Land Glass Corp.	9261	Minneapolis Glass Company
9106	Jasan Fabricated Glass, Inc.	9189	Sky Land Glass Corp.	9262	Minneapolis Glass Company
9107 IN	Jasan Fabricated Glass, Inc.	9190	Sky Land Glass Corp.	9263	Minneapolis Glass Company
9112	Yin Fu (Dong Guan) Glass Co., Ltd.	9191	Sky Land Glass Corp.	9264	Minneapolis Glass Company
9113	Hebi HaanGlas Co., Ltd	9192	Sky Land Glass Corp.	9265	Minneapolis Glass Company
9114	Hebi HaanGlas Co., Ltd	9193 IN	Sky Land Glass Corp.	9266	McGrory Glass
9115	Hebi HaanGlas Co., Ltd	9194 IN	Sky Land Glass Corp.	9267	Cardinal CT
9116	Hebi HaanGlas Co., Ltd	9195	QinHuangDao Tianrui Tempered Technology Glass Co.	9268	Cardinal CT
9117	Eko-Okna S.A.	9196	Beijing NorthTech Haiyangshunda Glass Ltd.	9270	Industries Vanier Inc.
9118	Eko-Okna S.A.	9200	Glass Insulators Inc.	9271	Industries Vanier Inc.
9119	Eko-Okna S.A.	9203	Garibaldi Glass Ind. Inc.	9272	Industries Vanier Inc.
9120	Eko-Okna S.A.	9205	Guangdong Xeyoung Glass Technology Co., Ltd	9273	Industries Vanier Inc.
9121	Eko-Okna S.A.	9206	Guangdong Xeyoung Glass Technology Co., Ltd	9274	Industries Vanier Inc.
		9207	Guangdong Xeyoung Glass Technology Co., Ltd		
		9208	Guangdong Xeyoung Glass Technology Co., Ltd		
		9210	Imperial Tempered Glass, LLC		
		9211	Imperial Tempered Glass, LLC		
		9212	Imperial Tempered Glass, LLC		
		9215	Citywide Glass Services		

Certified Products-Numerical Sequence-Tempered/Other

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>
9275	Industries Vanier Inc.	9698	Zhongshan Shengchang Glass Product Ltd.	
9276	M & F Home Solutions LLC.	9699	BOJAR SP z.o.o.	
9277	Verre Select Inc.	9700	BOJAR SP z.o.o.	
9278	Verre Select Inc.	9701	BOJAR SP z.o.o.	
9279	Verre Select Inc.	9703	SC Olin S.R.L.	
9280	Verre Select Inc.	9704	SC Olin S.R.L.	
9281	Verre Select Inc.	9707	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9282	Verre Select Inc.	9708	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9283	Cardinal CG	9709	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9284	Washington Glass Fabrication LLC.	9710	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9285	Washington Glass Fabrication LLC.	9711	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9288	Changshu Mingyang Glass Products Co., Ltd.	9712	Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD.	
9289	LuxWall, Inc.	9715	Tristar Glass, Inc.	
9290	LuxWall, Inc.	9717	Star Glass Tempering LLC	
9291	Tacoma Glass Mfg. Inc.	9718	Star Glass Tempering LLC	
9292	Tacoma Glass Mfg. Inc.	9719	Star Glass Tempering LLC	
9293	Tacoma Glass Mfg. Inc.	9720	Cardinal IG	
9294	Zhongshan Xinghe Glass Co., Ltd.	9728	Oldcastle BuildingEnvelope®	
9295	Zhongshan Xinghe Glass Co., Ltd.	9740	Qingdao Chinastar Glass CO., Ltd.	
9296	Zhongshan Xinghe Glass Co., Ltd.	9744	Hebi Leadus Special Glass Manufacturing Co., Ltd.	
9297	Cast Tempering Inc.	9745	W-M Glass sp. zo.o.	
9298	Cast Tempering Inc.	9746	W-M Glass sp. zo.o.	
9299	Cast Tempering Inc.	9757	Crystal Glass International SDN BHD	
9300	Cast Tempering Inc.	9758	Crystal Glass International SDN BHD	
9301	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9759	Crystal Glass International SDN BHD	
9302	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9760	Crystal Glass International SDN BHD	
9303	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9761	Crystal Glass International SDN BHD	
9304	SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions	9762	Crystal Glass International SDN BHD	
9425	Glass Enterprise Northeast	9763	Triple Diamond Glass LLC (a PGT Innovations Company)	
9426	Glass Enterprise Northeast	9764	Triple Diamond Glass LLC (a PGT Innovations Company)	
9427	Glass Enterprise Northeast	9765	G.E. Silliker & Sons Ltd.	
9670	West Seal Ltd.(AWG Northern Dist.)			
9671	West Seal Ltd.(AWG Northern Dist.)			
9672	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd.			
9673	2479727 Alberta Ltd.(Glassbuilt Manufacturing)			
9674	2479727 Alberta Ltd.(Glassbuilt Manufacturing)			
9675	2479727 Alberta Ltd.(Glassbuilt Manufacturing)			
9676	Viewrail			
9679	Guangdong Honghua Glass Technology Co., LTD.			
9682	Shandong Wensheng Glass Technology Co., Ltd.			
9683	Shandong Wensheng Glass Technology Co., Ltd.			
9686	Suzhou Yunyao Glass Co., Ltd.			
9687	Templex USA			
9688	Templex USA			
9689	Templex USA			
9691	Minneapolis Glass Company			
9696	Zhongshan Shengchang Glass Product Ltd.			
9697	Zhongshan Shengchang Glass Product Ltd.			

Certified Products-Alphabetical By Plant-Laminated

SGCC #	TEST STD	MIN CONFIGURATION	MAX CONFIGURATION	TYPE	KIND	MAX SIZE CERTIFIED	ANSI CLASS
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
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	FT	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
AGNORA LTD ; Collingwood, Ontario:							
9420	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico:							
9658	COMPOSITE	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
9659	COMPOSITE	6,4-2.286(b)	6,4-2.286(b)	LSG	AN	U	A
Al Abbar Architectural Glass ; 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	6,6-0.76(b)	6,6-0.76(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
Aldora Aluminum and Glass Products Inc. ; Charleston, SC:							
9310	COMPOSITE	3,3-1.52(lu)	3,3-1.52(lu)	LSG	AN	U	A
Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:							
9307	COMPOSITE	6,6-2.286(lu)	6,6-2.286(lu)	LSG	AN	U	A
9308	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
9309	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:							
9313	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
9314	COMPOSITE	3,3-1.52(ip)	3,3-1.52(ip)	LSG	AN	U	A
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
Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:							
9657	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
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
Beijing NorthTech Haiyangshunda Glass Ltd. ; Beijing, Daxing District:							
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

Certified Products-Alphabetical By Plant-Laminated

SGCC #	TEST STD	MIN CONFIGURATION	MAX CONFIGURATION	TYPE	KIND	MAX SIZE CERTIFIED	ANSI CLASS
Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti ; Kocaeli, Dilovasi:							
9332	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
Captivision Korea, Inc. ; Pyeongtaek-si, Gyeonggi-do:							
9451	COMP+CAN	4,4-2.489(lu)	4,4-2.489(lu)	LSG	AN	U	B
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)	2,5,2,5-0.38(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	2,7,2,7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9509	COMPOSITE	4,4-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
Cardinal LG ; Statesboro, GA:							
9622	COMP+CAN	2,7,2,7-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9623	COMP+CAN	2,5,2,5-0.89(ip)	4,4-0.89(ip)	LSG	AN	U	A
Cardinal LG Northeast ; Jessup, PA:							
9433	COMP+CAN	2,5,2,5-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
9434	COMP+CAN	2,5,2,5-0.89(ip)	6,6-0.89(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, BC:							
9165	COMP+CAN	6,6-0.75(b)	8+,8+-0.75(b)	LSG	AN	U	A
Comercial Dialum SA ; Lampa, Santiago:							
9436	COMPOSITE	6,6-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9437	COMPOSITE	3,3-2.286(b)	3,3-2.286(b)	LSG	AN	U	A
Consolidated Glass Corp. ; New Castle, PA:							
9438	COMPOSITE	3,3-0.76(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
Diamond Glass ; Dublin, Ireland:							
9465	COMP+CAN	4,4-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A

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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	3,3-0.38(ev)	5,5-0.38(ev)	LSG	FT	U	A
9394	COMP+CAN	5,5-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	A
9395	COMP+CAN	5,5-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	B
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
Dongguan Dongfa Chuangfu Special Glass Technology Company Limited ; Dongguan, Guangdong Province:							
9503	COMP+CAN	6,6-0.76(b)	6,6-0.76(b)	LSG	FT	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	3,3-2.286(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:							
9444	COMP+CAN	5,5-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9445	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
Excel Glass Systems ; Carrollton, TX:							
9489	COMPOSITE	3,2,7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Express Impact Manufacturing ; Medley, FL:							
9487	COMPOSITE	2,7,2,7-2.286(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)	6,6-0.76(b)	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
Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang:							
9449	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	HS	U	A
Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province:							
9450	COMP+CAN	6,6-0.76(ev)	6,6-0.76(ev)	LSG	AN	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	4,2,7-1.52(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

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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 Laminated 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	4,4-0.38(b)	8+,8+-0.38(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
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	FT	U	A
9456	COMP+CAN	4,4-1.52(ip)	4,4-1.52(ip)	LSG	FT	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
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
Guangxi Shengguang Energy Conservation Technology Co., LTD ; Liu Zhou, Guangxi:							
9693	COMP+CAN	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9694	COMP+CAN	8,8-2.286(ip)	8+,8+-2.286(ip)	LSG	FT	U	A
Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:							
9604	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9605	COMPOSITE	5,5-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9606	COMPOSITE	8,8-1.52(ip)	8+,8+-1.52(ip)	LSG	AN	U	A
Guardian Fabrication, LLC ; Galax, VA:							
9554	COMP+CAN	2,7,2,7-0.76(b)	4,4-0.76(b)	LSG	AN	U	A
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:							
9461	COMPOSITE	4,4-0.76(b)	4,4-0.76(b)	LSG	AN	U	A

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Haojing Holdings Group Limited ; Nantong, Haimen:							
9476	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	FT	U	A
9477	COMP+CAN	4,4-2.286(ip)	8+,8+-2.286(ip)	LSG	FT	U	A
9478	COMP+CAN	4,4-0.76(b)	5,5-0.76(b)	LSG	FT	U	A
Ilumimex S.A. DE C.V. ; Monterrey, Noevo Leon:							
9642	COMP+CAN	3,3-1.52(b)	8+,8+-1.52(b)	LSG	HS	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	6,6-1.016(ev)	6,6-1.016(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	5,5-1.52(ev)	6,6-1.52(ev)	LSG	FT	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
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 SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:							
9408	COMP+CAN	4,4-0.76(b)	4,4-0.76(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	COMPOSITE	2,7,2,7-0.38(ev)	5,5-0.38(ev)	LSG	AN	U	A
Kensington Glass Arts ; Sterling, VA:							
9607	COMPOSITE	8,8-0.76(ev)	8+,8+-0.76(ev)	LSG	AN	U	A
9608	COMPOSITE	5,5-1.52(ev)	6,6-1.52(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	COMPOSITE	6,6-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9666	COMPOSITE	6,6-0.89(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

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M Industria S.A. DE C.V. ; Conkal, Yucatan:							
9483	COMP+CAN	2.7,2.7-0.89(ip)	6,8+-0.89(ip)	LSG	AN	U	A
9484	COMP+CAN	2.7,2.7-0.76(b)	6,8+-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
Midwest Glass Fabricators Inc. ; 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
Multiver Ltee ; Saint-Leonard, Quebec:							
9579	COMP+CAN	3,3-0.38(b)	8+,8+-0.38(b)	LSG	FT	U	A
9580	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	LSG	FT	U	A
Nashville Tempered Glass LLC ; Hendersonville, TN:							
9202	COMP+CAN	4,4-0.762(ip)	4,4-0.762(ip)	LSG	AN	U	A
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	COMP+CAN	4,4-0.76(ip)	4,4-0.76(ip)	LSG	AN	U	A
IN							
New Angle Beveling ; Hyde, PA:							
9692	COMPOSITE	5,5-0.76(ev)	5,5-0.76(ev)	LSG	AN	U	A
Northwestern Industries - Arizona, Inc. ; Yuma, AZ:							
9479	COMPOSITE	3,3-0.76(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)	6,6-0.38(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	3,3-1.52(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+,6-0.76(b)	LSG	AN	U	A
Oldcastle BuildingEnvelope® ; Los Angeles, CA:							
9533	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9534	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A

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Oldcastle BuildingEnvelope® ; Miami, FL:							
9535	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	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
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	3,3-1.778(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:							
9387	COMPOSITE	3,3-1.52(b)	3,3-1.52(b)	LSG	AN	U	A
9388	COMPOSITE	3,3-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9389	COMPOSITE	3,3-1.14(b)	3,3-1.14(b)	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)	4,4-1.52(ip)	LSG	AN	U	A
Press Glass Inc. ; Ridgeway, VA:							
9384	COMP+CAN	4,4-0.76(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
Press Glass, Inc. ; Stoneville, NC:							
9416	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9417	COMP+CAN	3,3-0.89(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

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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
Qingdao Chinastar Glass CO., Ltd. ; Qingdao, Shandong:							
9739	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong:							
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 Laurel Glass Technology Co., Ltd ; Qingdao, Shandong:							
9355	COMP+CAN	2,7,2,7-0.76(b)	2,7,2,7-0.76(b)	LSG	AN	U	A
Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong:							
9356	COMP+CAN	2,7,2,7-0.76(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 Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:							
9357	COMP+CAN	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
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	8,8-1.52(b)	8+,8+-1.52(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:							
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:							
9365	COMP+CAN	2,7,2,7-0.38(b)	8+,8+-0.38(b)	LSG	AN	U	A
S.F. Tempering ; Dania Beach, FL:							
9383	COMPOSITE	3,3-0.38(ev)	8+,8+-0.38(ev)	LSG	AN	U	B
SAAND Rexdale ; Rexdale, Ontario:							
9481	COMP+CAN	2,7,2,7-0.76(b)	4,4-0.76(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	2,7,2,7-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
9371	COMP+CAN	6,6-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
SAGE Electrochromics Inc. ; Faribault, MN:							
9372	COMP+CAN	2,5,4-0.89(ip)	8+,2-0.89(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
9419	COMP+CAN	4,4-0.38(b)	4,4-0.38(b)	LSG	AN	U	A
SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Jaroszowiec, Poland:							
9306	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	2,7,2,7-0.38(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	6,6-1.52(ip)	6,6-1.52(ip)	LSG	AN	U	A
9188	COMP+CAN	6,6-0.76(ev)	6,6-0.76(ev)	LSG	AN	U	A

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Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong:							
9250	COMP+CAN	5,5-1.52(b)	5,5-1.52(b)	LSG	AN	U	A
Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong:							
9494	COMP+CAN	4,4-1.52(b)	4,4-1.52(b)	LSG	HS	U	A
Shandong Wensheng Glass Technology Co., Ltd. ; Jinan, Shandong:							
9681	COMP+CAN	8,8-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong:							
9505	COMP+CAN	2,7,2.7-0.76(b)	2,7,2.7-0.76(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:							
9486	COMP+CAN	2,7,2.7-0.76(b)	2,7,2.7-0.76(b)	LSG	AN	U	A
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	2,5,2.5-0.76(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
Singapore Safety Glass Pte Ltd. ; Singapore:							
9677	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
Sisecam Flat Glass Italy S.r.l. ; S. Giorgio Di Nogaro, Italy:							
9381	COMP+CAN	2,7,2.7-0.38(b)	4,4-0.38(b)	LSG	AN	U	A
Smart Glass Group ; Fort Lauderdale, FL:							
9396	COMP+CAN	6,6-0.76(ev)	6,6-0.76(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
Standard Bent Glass ; East Butler, PA:							
9378	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
Stargrup Cam A.S. ; Arnavutkoy, 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	2,7,2.7-2.286(ip)	6,6-2.286(ip)	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
Tacoma Glass Mfg. Inc. ; Tacoma, WA:							
9576	COMPOSITE	3,3-0.76(b)	6,6-0.76(b)	LSG	AN	U	A
Technical Glass Company ; Jeddah, Saudi Arabia:							
9575	COMP+CAN	4,4-1.14(b)	8+,8+-1.14(b)	LSG	AN	U	A
Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:							
9507	COMP+CAN	4,4-0.76(b)	6,6-0.76(b)	LSG	AN	U	A

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Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City:							
9510	COMP+CAN	4,4-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9511	COMP+CAN	4,4-0.89(ip)	8+,8+-0.89(ip)	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
Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong:							
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:							
9586	COMP+CAN	2,7,2,7-0.76(b)	2,7,2,7-0.76(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	4,4-0.89(ip)	6,6-0.89(ip)	LSG	AN	U	A
9585	COMP+CAN	4,4-0.76(b)	6,6-0.76(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)	6,6-1.52(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
9402	COMP+CAN	4,4-1.14(ev)	8+,8+-1.14(ev)	LSG	AN	U	A
Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD. ; Istanbul, Esenyurt:							
9713	COMP+CAN	5,5-1.52(b)	8+,8+-1.52(b)	LSG	AN	U	A
9714	COMP+CAN	5,5-1.52(ip)	8+,8+-1.52(ip)	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	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9321	COMPOSITE	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	3,3-0.76(b)	3,3-0.76(b)	LSG	AN	U	A
9664	COMP+CAN	4,4-0.89(ip)	4,4-0.89(ip)	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
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)	8+,6-0.76(b)	LSG	FT	U	A

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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+,6-0.76(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
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	2,5,2,5-1.52(ip)	4,3-1.52(ip)	LSG	AN	U	A
Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:							
9592	COMP+CAN	8,8-1.52(b)	8+,8+-1.52(b)	LSG	FT	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	5,5-0.76(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
Venicio Inc. ; Compton, CA:							
9186	COMP+CAN	6,6-1.52(b)	6,6-1.52(b)	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	2,7,2,7-0.38(ev)	6,6-0.38(ev)	LSG	AN	U	A
9598	COMPOSITE	2,7,2,7-0.38(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	COMPOSITE	4,4-0.38(b)	5,5-0.38(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
View Inc. ; Olive Branch, MS:							
9491	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9493	COMP+CAN	3,4-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
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

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SGCC #	TEST STD	MIN CONFIGURATION	MAX CONFIGURATION	TYPE	KIND	MAX SIZE CERTIFIED	ANSI CLASS
Vistamatic, LLC ; Coral Springs, FL:							
9624	COMPOSITE	2.7,2.7-1.52(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	2.7,2.7-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
8628	COMP+CAN			LTG		U	A
8955	COMP+CAN			LTG		U	A
Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:							
9636	COMP+CAN	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9637	COMP+CAN	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
Viwinco, Inc. ; Morgantown, PA:							
9638	COMPOSITE	3,3-1.905(b)	3,3-1.905(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
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	3,2.7-0.76(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)	3,3-0.76(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	COMPOSITE	3,3-0.76(b)	8+,8+-0.76(b)	LSG	AN	U	A
9345	COMPOSITE	3,3-0.89(ip)	8+,8+-0.89(ip)	LSG	AN	U	A
YinJian DongGuan Glass Engineering Co., Ltd. ; Dongguan, Guangdong Province:							
9223	COMPOSITE	6,6-1.52(b)	8+,8+-1.52(b)	LSG	FT	U	A
9224	COMPOSITE	6,6-1.52(ip)	8+,8+-1.52(ip)	LSG	FT	U	A
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

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<i>SGCC #</i>	<i>TEST STD</i>	<i>MIN CONFIGURATION</i>	<i>MAX CONFIGURATION</i>	<i>TYPE</i>	<i>KIND</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>
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
Zhongli Glass Co., Ltd ; Huzhou, Zhejiang:							
9341	COMP+CAN	5,5-0.76(b)	5,5-0.76(b)	LSG	AN	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
24 Hour Thermal Glass Insulated Ltd. ; Concord, Ontario:						7465	COMPOSITE	1/4	6.0 TTG (MC)		U A
6918	COMPOSITE	5/32	4.0 TTG (MC)		U A	7466	COMPOSITE	5/16	8.0 TTG		U A
6919	COMPOSITE	3/16	5.0 TTG (MC)		U A	7467	COMPOSITE	3/8	10.0 TTG		U A
6920	COMPOSITE	1/4	6.0 TTG (MC)		U A	7468	COMPOSITE	1/2	12.0 TTG		U A
2479727 Alberta Ltd.(Glassbuilt Manufacturing) ; Edmonton, AB:						7469	COMPOSITE	*	15.0 TTG (4)		U A
9673	COMP+CAN	5/32	4.0 TTG (MC)		U A	7470	COMPOSITE	3/4	19.0 TTG		U A
9674	COMP+CAN	3/16	5.0 TTG (MC)		U A	AGNORA LTD ; Collingwood, Ontario:					
9675	COMP+CAN	1/4	6.0 TTG (MC)		U A	4883	COMP+CAN	1/4	6.0 TTG (MC)		U A
3 Form ; Kernersville, NC:						4885	COMP+CAN	3/8	10.0 TTG (MC)		U A
8085	COMP+CAN	5/32	4.0 TTG		U A	4884	COMP+CAN	1/2	12.0 TTG		U A
8476	COMP+CAN	3/16	5.0 TTG		U A	Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico:					
5026	COMP+CAN	1/4	6.0 TTG		U A	8599	COMPOSITE	1/8	3.0 TTG		U A
8477	COMP+CAN	5/16	8.0 TTG		U A	8600	COMPOSITE	5/32	4.0 TTG		U A
5210	COMP+CAN	3/8	10.0 TTG		U A	8601	COMPOSITE	1/4	6.0 TTG		U A
5211	COMP+CAN	1/2	12.0 TTG		U A	8602	COMPOSITE	3/8	10.0 TTG		U A
8044554 Canada Inc. ; Stewiacke, Nova Scotia:						8424	COMPOSITE	1/2	12.0 TTG		U A
8882	COMP+CAN	1/8	3.0 TTG		U A	Al Abbar Architectural Glass ; Dubai, United Arab Emirates:					
8883	COMP+CAN	3/16	5.0 TTG		U A	4846	COMPOSITE	3/16	5.0 TTG		U A
8884	COMP+CAN	1/4	6.0 TTG		U A	3556	COMPOSITE	1/4	6.0 TTG		U A
8885	COMP+CAN	3/8	10.0 TTG		U A	3557	COMPOSITE	5/16	8.0 TTG		U A
8886	COMP+CAN	1/2	12.0 TTG		U A	3558	COMPOSITE	3/8	10.0 TTG		U A
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia:						4590	COMPOSITE	1/2	12.0 TTG		U A
7269	COMP+CAN	1/4	6.0 TTG (MC)		U A	3976	COMPOSITE	*	15.0 TTG (4)		U A
7276	COMP+CAN	5/16	8.0 TTG (MC)		U A	3977	COMPOSITE	3/4	19.0 TTG		U A
7277	COMP+CAN	*	12.0 TTG (7)		U A	Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia:					
A3 Glass Fabricator LLC ; Houston, TX:						7486	COMPOSITE	1/4	6.0 TTG		U A
8506	COMPOSITE	1/4	6.0 TTG (MC)		U A	7487	COMPOSITE	1/2	12.0 TTG		U A
8507	COMPOSITE	3/8	10.0 TTG		U A	Al Cam Sanayi ve Ticaret Limited Sirketi ; Istanbul, Sancaktepe:					
8508	COMPOSITE	1/2	12.0 TTG		U A	9243	COMP+CAN	1/4	6.0 TTG (MC)		U A
Accurate Glass Products ; Barrie, Ontario:						9244	COMP+CAN	5/16	8.0 TTG (MC)		U A
8829	COMP+CAN	5/32	4.0 TTG		U A	Aldora Aluminum and Glass Products Inc. ; Charleston, SC:					
7672	COMP+CAN	3/16	5.0 TTG		U A	4328	COMPOSITE	1/8	3.0 TTG (MC)		U A
7418	COMP+CAN	1/4	6.0 TTG		U A	4330	COMPOSITE	3/16	5.0 TTG (MC)		U A
7419	COMP+CAN	5/16	8.0 TTG		U A	4331	COMPOSITE	1/4	6.0 TTG (MC)		U A
7420	COMP+CAN	3/8	10.0 TTG		U A	4335	COMPOSITE	3/8	10.0 TTG		U A
7421	COMP+CAN	1/2	12.0 TTG		U A	4336	COMPOSITE	1/2	12.0 TTG		U A
Ace Safety Glass Co., Ltd. ; Jeongeup-si, Jeollabuk-Do:						Aldora Aluminum and Glass Products, Inc. ; Austell, GA:					
8237	COMP+CAN	1/8	3.0 TTG	34X3 4	A	7307	COMPOSITE	1/8	3.0 TTG (MC)		U A
8426	COMP+CAN	5/32	4.0 TTG	34x34	A	7308	COMPOSITE	3/16	5.0 TTG (MC)		U A
Acme Glass LTD. ; Surrey, British Columbia:						7309	COMPOSITE	1/4	6.0 TTG (MC)		U A
8603	COMP+CAN	3/16	5.0 TTG		U A	7310	COMPOSITE	3/8	10.0 TTG		U A
8604	COMP+CAN	1/4	6.0 TTG		U A	7311	COMPOSITE	1/2	12.0 TTG (MC)		U A
8605	COMP+CAN	3/8	10.0 TTG		U A	7851	COMPOSITE	3/4	19.0 TTG		U A
8606	COMP+CAN	1/2	12.0 TTG		U A	Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL:					
Advanced Design Manufacturing ; Antioch, CA:						7643	COMPOSITE	3/16	5.0 TTG (MC)		U A
6685	COMPOSITE	1/4	6.0 TTG		U A	7644	COMPOSITE	1/4	6.0 TTG (MC)		U A
6686	COMPOSITE	3/8	10.0 TTG		U A	7645	COMPOSITE	3/8	10.0 TTG		U A
Advanced Impact Technologies ; Largo, FL:						7646	COMPOSITE	1/2	12.0 TTG		U A
7374	COMP+CAN	1/8	3.0 TTG		U A	7647	COMPOSITE	5/8	16.0 TTG		U A
7375	COMP+CAN	3/16	5.0 TTG (MC)		U A	Aldora Aluminum and Glass Products, Inc. ; Newport News, VA:					
7376	COMP+CAN	1/4	6.0 TTG (MC)		U A	8796	COMPOSITE	3/16	5.0 TPG (s)		U A
7377	COMP+CAN	3/8	10.0 TTG		U A	8791	COMPOSITE	1/8	3.0 TTG		U A
7378	COMP+CAN	1/2	12.0 TTG		U A	8792	COMPOSITE	3/16	5.0 TTG		U A
Advantage Glass Corp ; Crystal Lake, IL:						8793	COMPOSITE	1/4	6.0 TTG		U A
8911	COMPOSITE	5/32	4.0 TTG (MC)		U A	8794	COMPOSITE	3/8	10.0 TTG		A
8912	COMPOSITE	3/16	5.0 TTG (MC)		U A	8795	COMPOSITE	1/2	12.0 TTG		U A
8913	COMPOSITE	1/4	6.0 TTG (MC)		U A	Aldora Aluminum and Glass Products, Inc. ; Orlando, FL:					
AdvanTec ; Chilliwack, British Columbia:						5574	COMPOSITE	1/8	3.0 TTG (MC)		U A
7463	COMPOSITE	5/32	4.0 TTG		U A	5575	COMPOSITE	3/16	5.0 TTG (MC)		U A
7464	COMPOSITE	3/16	5.0 TTG		U A	5576	COMPOSITE	1/4	6.0 TTG (MC)		U A
						5579	COMPOSITE	3/8	10.0 TTG		U A
						5577	COMPOSITE	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
All Counties Glass ; Stockton, CA:						American Insulated Glass LLC. ; Knoxville, TN:					
6409	COMP+CAN	1/8	3.0 TTG (MC)		U A	8906	COMPOSITE	1/8	3.0 TPG (s)		U A
6410	COMP+CAN	5/32	4.0 TTG (MC)		U A	8908	COMPOSITE	5/32	4.0 TPG (s)		U A
6411	COMP+CAN	3/16	5.0 TTG (MC)		U A	8907	COMPOSITE	3/16	5.0 TPG (m)		U A
6412	COMP+CAN	1/4	6.0 TTG (MC)		U A	8900	COMPOSITE	1/8	3.0 TTG (MC)		U A
6413	COMP+CAN	5/16	8.0 TTG		U A	8901	COMPOSITE	5/32	4.0 TTG (MC)		U A
6414	COMP+CAN	3/8	10.0 TTG		U A	8902	COMPOSITE	3/16	5.0 TTG (MC)		U A
6415	COMP+CAN	1/2	12.0 TTG		U A	8903	COMPOSITE	1/4	6.0 TTG (MC)		U A
All Team Glass & Mirror, Ltd. ; Woodbridge, Ontario:						American Insulated Glass LLC. ; Plymouth Township, MI:					
8218	COMP+CAN	5/32	4.0 TTG		U A	7875	COMPOSITE	1/8	3.0 TPG (s)		U A
1755	COMP+CAN	3/16	5.0 TTG		U A	7876	COMPOSITE	3/16	5.0 TPG (s)		U A
1756	COMP+CAN	1/4	6.0 TTG		U A	7834	COMPOSITE	1/8	3.0 TTG (MC)		U A
2790	COMP+CAN	5/16	8.0 TTG		U A	7835	COMPOSITE	3/16	5.0 TTG (MC)		U A
1757	COMP+CAN	3/8	10.0 TTG		U A	7836	COMPOSITE	1/4	6.0 TTG (MC)		U A
1758	COMP+CAN	1/2	12.0 TTG		U A	7837	COMPOSITE	3/8	10.0 TTG		U A
4355	COMP+CAN	5/8	16.0 TTG		U A	American Insulated Glass, LLC ; Conley, GA:					
3656	COMP+CAN	3/4	19.0 TTG		U A	5288	COMPOSITE	1/8	3.0 TPG (s)		U A
Allglass Tempering Inc. ; Schiller Park, IL:						American Insulated Glass, LLC ; Ijamsville, MD:					
5835	COMPOSITE	5/32	4.0 TTG		U A	8098	COMPOSITE	3/16	5.0 TTG		U A
5836	COMPOSITE	3/16	5.0 TTG (MC)		U A	8099	COMPOSITE	1/4	6.0 TTG (MC)		U A
5837	COMPOSITE	1/4	6.0 TTG (MC)		U A	6144	COMPOSITE	3/8	10.0 TTG		U A
5838	COMPOSITE	3/8	10.0 TTG		U A	6145	COMPOSITE	1/2	12.0 TTG		U A
5839	COMPOSITE	1/2	12.0 TTG		U A	Amsco Windows ; Salt Lake City, UT:					
Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia:						Anhui Dahe Mirror Enterprise Co. LTD. ; Wuhu, Anhui:					
6151	COMP+CAN	1/4	6.0 TTG		U A	8570	COMP+CAN	1/8	3.0 TTG		U A
6152	COMP+CAN	5/16	8.0 TTG		U A	8571	COMP+CAN	3/16	5.0 TTG		U A
6891	COMP+CAN	3/8	10.0 TTG		U A	8572	COMP+CAN	1/4	6.0 TTG		U A
7346	COMP+CAN	1/2	12.0 TTG (7)		U A	8573	COMP+CAN	5/16	8.0 TTG		U A
Aluminum Technology Auxiliary Industries ; Doha, Qatar:						Anthony International ; Madison, GA:					
7197	COMP+CAN	1/4	6.0 TTG		U A	6099	COMPOSITE	5/32	4.0 TBG		U A
7198	COMP+CAN	5/16	8.0 TTG		U A	2306	COMPOSITE	3/16	5.0 TBG		U A
5084	COMP+CAN	3/8	10.0 TTG		U A	2307	COMPOSITE	1/4	6.0 TBG		U A
5212	COMP+CAN	*	12.0 TTG (3)		U A	3249	COMPOSITE	1/8	3.0 TTG		U A
Aluminum Window Designs LTD ; Woodbridge, Ontario:						Anthony International ; San Fernando, CA:					
9138	COMP+CAN	5/32	4.0 TTG		U A	520	COMPOSITE	1/8	3.0 TTG (MC)		U A
9139	COMP+CAN	3/16	5.0 TTG		U A	2289	COMPOSITE	5/32	4.0 TTG (MC)		U A
9140	COMP+CAN	1/4	6.0 TTG		U A	999	COMPOSITE	3/16	5.0 TTG		U A
9141	COMP+CAN	5/16	8.0 TTG		U A	1000	COMPOSITE	1/4	6.0 TTG (MC)		U A
American Glass Tempering and Fabricators, Inc. ; Houston, TX:						Architectural Glass Products, LLC. ; St. Louis, MO:					
8385	COMPOSITE	1/8	3.0 TTG (MC)		U A	4574	COMPOSITE	3/16	5.0 TPG (s)		U A
8406	COMPOSITE	5/32	4.0 TTG (IN)		U A	4571	COMPOSITE	1/8	3.0 TTG (MC)		U A
IN						4572	COMPOSITE	3/16	5.0 TTG (MC)		U A
8386	COMPOSITE	3/16	5.0 TTG (MC)		U A	4573	COMPOSITE	1/4	6.0 TTG		U A
8387	COMPOSITE	1/4	6.0 TTG (MC)		U A						
8388	COMPOSITE	3/8	10.0 TTG		U A						
8389	COMPOSITE	1/2	12.0 TTG		U A						
8390	COMPOSITE	3/4	19.0 TTG (IN)		U A						
IN											
American Insulated Glass ; Dallas, NC:											
3859	COMPOSITE	1/8	3.0 TTG (MC)		U A						
3860	COMPOSITE	5/32	4.0 TTG (IN)		U A						
IN											
3861	COMPOSITE	3/16	5.0 TTG (MC)		U A						
3862	COMPOSITE	1/4	6.0 TTG (MC)		U A						
3863	COMPOSITE	3/8	10.0 TTG		U A						
3864	COMPOSITE	1/2	12.0 TTG		U A						
American Insulated Glass Inc. ; Birmingham, AL:											
8459	COMPOSITE	1/8	3.0 TTG (MC)		U A						
8460	COMPOSITE	3/16	5.0 TTG (MC)		U A						
8461	COMPOSITE	1/4	6.0 TTG (MC)		U A						
8462	COMPOSITE	3/8	10.0 TTG		U A						
8463	COMPOSITE	1/2	12.0 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
ArcTech Glass Ltd. ; Surrey, British Columbia:						Beijing Wuhuatianbao Glass Co., Ltd. ; Beijing, Shunyi District:					
8815	COMP+CAN	1/4	6.0 TTG	U	A	6903	COMP+CAN	5/32	4.0 TTG	U	A
9004	COMP+CAN	5/16	8.0 TTG	U	A	6904	COMP+CAN	3/16	5.0 TTG	U	A
9005	COMP+CAN	3/8	10.0 TTG	U	A	6905	COMP+CAN	1/4	6.0 TTG	U	A
9006	COMP+CAN	1/2	12.0 TTG *(3)	U	A	6906	COMP+CAN	5/16	8.0 TTG	U	A
Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara:						Bel Pre Glassworks Inc. ; Rockville, MD:					
9142	COMP+CAN	1/4	6.0 TTG (MC)	U	A	6320	COMPOSITE	1/8	3.0 TTG	U	A
9143	COMP+CAN	5/16	8.0 TTG (MC)	U	A	6321	COMPOSITE	3/16	5.0 TTG	U	A
9144	COMP+CAN	3/8	10.0 TTG (MC)	U	A	6322	COMPOSITE	1/4	6.0 TTG	U	A
9145	COMP+CAN	1/2	12.0 TTG	U	A	6324	COMPOSITE	1/2	12.0 TTG	U	A
Arino Duglass ; Zaragoza, Spain:						Bel Shower Door Corporation ; Englewood, CO:					
8757	COMP+CAN	1/4	6.0 TTG	U	A	6474	COMP+CAN	3/16	5.0 TPG (m)	U	A
8758	COMP+CAN	5/16	8.0 TTG	U	A	6470	COMP+CAN	3/16	5.0 TTG	U	A
8759	COMP+CAN	3/8	10.0 TTG	U	A	6471	COMP+CAN	1/4	6.0 TTG	U	A
Arlene Stained Glass & Door ; Houston, TX:						Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Bavaria:					
3585	COMPOSITE	5/32	4.0 TPG (d)	U	A	2570	COMP+CAN	*	6.0 TBG (2)	22x76	A
5127	COMPOSITE	1/8	3.0 TTG (MC)	U	A	2569	COMP+CAN	*	7.0 TBG (2)	14x76	A
3583	COMPOSITE	3/16	5.0 TTG	U	A	5145	COMP+CAN	*	6.0 TBP (s)(2)	22x76	A
3584	COMPOSITE	1/4	6.0 TTG	U	A	5144	COMP+CAN	*	7.0 TBP (d)(2)	14x76	A
Arrow Mirror & Glass, Inc. ; Houston, TX:						BG Glass Technologies Inc. ; Barrie, Ontario:					
8213	COMPOSITE	1/4	6.0 TTG (MC)	U	A	8137	COMP+CAN	5/32	4.0 TTG	U	A
8214	COMPOSITE	3/8	10.0 TTG	U	A	8138	COMP+CAN	3/16	5.0 TTG	U	A
8215	COMPOSITE	1/2	12.0 TTG	U	A	8139	COMP+CAN	1/4	6.0 TTG	U	A
ATI Windows ; Riverside, CA:						Blackline Aluminum Systems ; Markham, Ontario:					
5639	COMPOSITE	1/8	3.0 TPG (s)	U	A	8993	COMP+CAN	5/16	8.0 TTG	U	A
7995	COMPOSITE	5/32	4.0 TPG (m)	U	A	8140	COMP+CAN	3/8	10.0 TTG	U	A
5635	COMPOSITE	1/8	3.0 TTG (MC)	U	A	8141	COMP+CAN	1/2	12.0 TTG	U	A
5636	COMPOSITE	5/32	4.0 TTG (MC)	U	A	Blue Star Glass Inc. ; North Brunswick, NJ:					
5637	COMPOSITE	3/16	5.0 TTG	U	A	6782	COMPOSITE	5/32	4.0 TTG (MC)	U	A
5638	COMPOSITE	1/4	6.0 TTG	U	A	4518	COMPOSITE	3/16	5.0 TTG (MC)	U	A
8057	COMPOSITE	3/8	10.0 TTG	U	A	4519	COMPOSITE	1/4	6.0 TTG (MC)	U	A
8058	COMPOSITE	1/2	12.0 TTG	U	A	6407	COMPOSITE	5/16	8.0 TTG (MC)	U	A
Aurora Windows and Doors ; Fremont, CA:						Blue Star Glass Texas, LLC ; Dallas, TX:					
8819	COMPOSITE	3/16	5.0 TTG	U	A	4520	COMPOSITE	3/8	10.0 TTG (MC)	U	A
8818	COMPOSITE	1/4	6.0 TTG	U	A	4521	COMPOSITE	1/2	12.0 TTG	U	A
8820	COMPOSITE	3/8	10.0 TTG	U	A	5174	COMPOSITE	5/8	16.0 TTG	U	A
8821	COMPOSITE	1/2	12.0 TTG	U	A	5175	COMPOSITE	3/4	19.0 TTG	U	A
Basco Engineered Products ; Hamilton, OH:						BOJAR SP z.o.o. ; Poland:					
8106	COMPOSITE	3/16	5.0 TPG (m)	U	A	9699	COMP+CAN	*	6.0 TTG (MC)(3)	U	A
4689	COMPOSITE	1/4	6.0 TPG (m)	U	A	9700	COMP+CAN	5/16	8.0 TTG (MC)	U	A
5203	COMPOSITE	3/8	10.0 TPG (m)	U	A	9701	COMP+CAN	3/8	10.0 TTG (MC)	U	A
4139	COMPOSITE	1/8	3.0 TTG	U	A	Bronco Industries, Inc. ; Delta, British Columbia:					
4724	COMPOSITE	3/16	5.0 TTG	U	A	6973	COMP+CAN	1/8	3.0 TTG	U	A
3810	COMPOSITE	1/4	6.0 TTG	U	A	5871	COMP+CAN	5/32	4.0 TTG	U	A
3811	COMPOSITE	3/8	10.0 TTG	U	A	6974	COMP+CAN	3/16	5.0 TTG	U	A
3812	COMPOSITE	1/2	12.0 TTG	U	A	5366	COMP+CAN	1/4	6.0 TTG	U	A
5076	COMPOSITE	3/4	19.0 TTG	U	A	5367	COMP+CAN	3/8	10.0 TTG	U	A
Beijing Guanhua Dongfang Glass Technology Co. Ltd ; Fangshan District, Beijing:						Blue Star Glass Texas, LLC ; Dallas, TX:					
9240	COMPOSITE	3/8	10.0 VIGT (MC)	U	A	8897	COMPOSITE	3/16	5.0 TTG (MC)	U	A
Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch ; Zaozhuang, Shandong:						Blue Star Glass Texas, LLC ; Dallas, TX:					
9086	COMPOSITE	3/16	5.0 TTG	U	A	8780	COMPOSITE	1/4	6.0 TTG (MC)	U	A
9087	COMPOSITE	1/4	6.0 TTG	U	A	8898	COMPOSITE	5/16	8.0 TTG	U	A
9088	COMPOSITE	5/16	8.0 TTG	U	A	BOJAR SP z.o.o. ; Poland:					
9089	COMPOSITE	3/8	10.0 TTG	U	A	9699	COMP+CAN	*	6.0 TTG (MC)(3)	U	A
9090	COMPOSITE	1/2	12.0 TTG	U	A	9700	COMP+CAN	5/16	8.0 TTG (MC)	U	A
Beijing NorthTech Haiyangshunda Glass Ltd. ; Beijing, Daxing District:						Bronco Industries, Inc. ; Delta, British Columbia:					
6668	COMP+CAN	1/4	6.0 TTG	U	A	9701	COMP+CAN	3/8	10.0 TTG (MC)	U	A
6669	COMP+CAN	5/16	8.0 TTG	U	A	Bronco Industries, Inc. ; Delta, British Columbia:					
7562	COMP+CAN	3/8	10.0 TTG	U	A	6973	COMP+CAN	1/8	3.0 TTG	U	A
9196	COMP+CAN	*	12.0 TTG (3)	U	A	5871	COMP+CAN	5/32	4.0 TTG	U	A
						6974	COMP+CAN	3/16	5.0 TTG	U	A
						5366	COMP+CAN	1/4	6.0 TTG	U	A
						5367	COMP+CAN	3/8	10.0 TTG	U	A
						5368	COMP+CAN	1/2	12.0 TTG	U	A
						6972	COMP+CAN	3/4	19.0 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
BVGLAZING SYSTEMS ; Concord, Ontario:						4775	COMP+CAN	5/16	8.0 TTG (MC)		U A
6139	COMP+CAN	3/16	5.0 TPG (s)		U A	4137	COMP+CAN	3/8	10.0 TTG		U A
6135	COMP+CAN	3/16	5.0 TTG (MC)		U A	6534	COMP+CAN	1/2	12.0 TTG		U A
6136	COMP+CAN	1/4	6.0 TTG (MC)		U A	Cardinal CG ; Spring Green, WI:					
6137	COMP+CAN	5/16	8.0 TTG (MC)		U A	2071	COMP+CAN	1/8	3.0 TPG (s)		U A
6138	COMP+CAN	3/8	10.0 TTG		U A	2067	COMP+CAN	1/8	3.0 TTG (MC)		U A
C&C Custom Glass & Tempering, LLC ; Tulsa, OK:						2068	COMP+CAN	5/32	4.0 TTG (MC)		U A
6962	COMPOSITE	5/32	4.0 TPG (s)		U A	2069	COMP+CAN	3/16	5.0 TTG (MC)		U A
6861	COMPOSITE	3/16	5.0 TPG (s)		U A	2070	COMP+CAN	1/4	6.0 TTG (MC)		U A
6862	COMPOSITE	3/8	10.0 TPG (s)		U A	5281	COMP+CAN	5/16	8.0 TTG (MC)		U A
6854	COMPOSITE	5/32	4.0 TTG		U A	Cardinal CG ; Tumwater, WA:					
6855	COMPOSITE	3/16	5.0 TTG		U A	2954	COMP+CAN	1/8	3.0 TPG (s)		U A
6856	COMPOSITE	1/4	6.0 TTG		U A	6723	COMP+CAN	5/32	4.0 TPG (d)		U A
6857	COMPOSITE	5/16	8.0 TTG		U A	2956	COMP+CAN	3/16	5.0 TPG (m)		U A
6858	COMPOSITE	3/8	10.0 TTG		U A	2007	COMP+CAN	1/8	3.0 TTG (MC)		U A
6859	COMPOSITE	1/2	12.0 TTG		U A	2008	COMP+CAN	5/32	4.0 TTG (MC)		U A
6860	COMPOSITE	3/4	19.0 TTG (IN)		U A	2009	COMP+CAN	3/16	5.0 TTG (MC)		U A
						2010	COMP+CAN	1/4	6.0 TTG (MC)		U A
California Safety Glass S.A. de C.V. ; Tijuana, Baja California:						Cardinal CG ; Waxahachie, TX:					
9127	COMPOSITE	3/16	5.0 TTG		U A	8556	COMP+CAN	1/8	3.0 TPG (s)		U A
9128	COMPOSITE	1/4	6.0 TTG		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
9129	COMPOSITE	5/16	8.0 TTG		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
9130	COMPOSITE	3/8	10.0 TTG		U A	2699	COMP+CAN	1/8	3.0 TTG (MC)		U A
Cameron Glass, LLC. ; Broken Arrow, OK:						2700	COMP+CAN	5/32	4.0 TTG (MC)		U A
4832	COMP+CAN	1/8	3.0 TTG		U A	2701	COMP+CAN	3/16	5.0 TTG (MC)		U A
2501	COMP+CAN	3/16	5.0 TTG		U A	2702	COMP+CAN	1/4	6.0 TTG (MC)		U A
2455	COMP+CAN	1/4	6.0 TTG		U A	Cardinal CT ; Adel, GA:					
2032	COMP+CAN	3/8	10.0 TTG		U A	5098	COMP+CAN	1/8	3.0 TPG (d)		U A
2033	COMP+CAN	1/2	12.0 TTG		U A	5099	COMP+CAN	5/32	4.0 TPG (d)		U A
Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti ; Kocaeli, Dilovasi:						5100	COMP+CAN	3/16	5.0 TPG (d)		U A
9161	COMP+CAN	1/4	6.0 TTG		U A	6174	COMP+CAN	1/4	6.0 TPG (d)		U A
9162	COMP+CAN	5/16	8.0 TTG		U A	6516	COMP+CAN	3/8	10.0 TPG (d)		U A
8281	COMP+CAN	3/8	10.0 TTG		U A	5095	COMP+CAN	1/8	3.0 TTG (MC)		U A
Cardinal CG ; Buford, GA:						5096	COMP+CAN	5/32	4.0 TTG (MC)		U A
2146	COMP+CAN	1/8	3.0 TPG (s)		U A	5097	COMP+CAN	3/16	5.0 TTG (MC)		U A
4599	COMP+CAN	3/16	5.0 TPG (s)		U A	5364	COMP+CAN	1/4	6.0 TTG (MC)		U A
1921	COMP+CAN	1/8	3.0 TTG (MC)		U A	6842	COMP+CAN	5/16	8.0 TTG		U A
1922	COMP+CAN	5/32	4.0 TTG		U A	6172	COMP+CAN	3/8	10.0 TTG		U A
1923	COMP+CAN	3/16	5.0 TTG		U A	6173	COMP+CAN	1/2	12.0 TTG		U A
1924	COMP+CAN	1/4	6.0 TTG		U A	Cardinal CT ; Casa Grande, AZ:					
Cardinal CG ; Galt, CA:						4103	COMP+CAN	1/8	3.0 TPG (m)		U A
3599	COMPOSITE	1/8	3.0 TPG (s)		U A	4104	COMP+CAN	5/32	4.0 TPG (d)		U A
4347	COMPOSITE	5/32	4.0 TPG (d)		U A	4105	COMP+CAN	3/16	5.0 TPG (m)		U A
3601	COMPOSITE	3/16	5.0 TPG (m)		U A	2878	COMP+CAN	1/8	3.0 TTG (MC)		U A
2357	COMPOSITE	1/8	3.0 TTG (MC)		U A	2879	COMP+CAN	5/32	4.0 TTG (MC)		U A
2358	COMPOSITE	5/32	4.0 TTG (MC)		U A	2880	COMP+CAN	3/16	5.0 TTG (MC)		U A
2359	COMPOSITE	3/16	5.0 TTG (MC)		U A	2881	COMP+CAN	1/4	6.0 TTG (MC)		U A
2360	COMPOSITE	1/4	6.0 TTG (MC)		U A	Cardinal CT ; Dixon, CA:					
Cardinal CG ; Mazomanie, WI:						8674	COMPOSITE	1/8	3.0 TPG (s)		U A
4780	COMP+CAN	1/8	3.0 TTG (MC)		U A	8675	COMPOSITE	5/32	4.0 TPG (s)		U A
4781	COMP+CAN	5/32	4.0 TTG (MC)		U A	8676	COMPOSITE	3/16	5.0 TPG (s)		U A
5306	COMP+CAN	3/16	5.0 TTG (MC)		U A	8480	COMPOSITE	1/8	3.0 TTG (MC)		U A
4783	COMP+CAN	1/4	6.0 TTG (MC)		U A	8481	COMPOSITE	5/32	4.0 TTG (MC)		U A
6552	COMP+CAN	5/16	8.0 TTG (MC)		U A	8482	COMPOSITE	3/16	5.0 TTG (MC)		U A
9283	COMP+CAN	3/8	10.0 TTG		U A	2842	COMPOSITE	1/4	6.0 TTG (MC)		U A
Cardinal CG ; Northfield, MN:						Cardinal CT ; Easton, PA:					
2011	COMP+CAN	1/8	3.0 TPG (s)		U A	4759	COMP+CAN	1/8	3.0 TPG (d)		U A
2012	COMP+CAN	5/32	4.0 TPG (d)		U A	4760	COMP+CAN	5/32	4.0 TPG (s)		U A
2013	COMP+CAN	3/16	5.0 TPG (m)		U A	6143	COMP+CAN	3/16	5.0 TPG (m)		U A
1985	COMP+CAN	1/8	3.0 TTG (MC)		U A	4756	COMP+CAN	1/8	3.0 TTG (MC)		U A
1986	COMP+CAN	5/32	4.0 TTG (MC)		U A	4757	COMP+CAN	5/32	4.0 TTG (MC)		U A
1987	COMP+CAN	3/16	5.0 TTG (MC)		U A	4758	COMP+CAN	3/16	5.0 TTG (MC)		U A
1988	COMP+CAN	1/4	6.0 TTG (MC)		U A	5842	COMP+CAN	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
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:						Cardinal IG ; Fremont, IN:					
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	2203	COMP+CAN	1/8	3.0 TPG (s)		U A
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	2204	COMP+CAN	5/32	4.0 TPG (m)		U A
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	2205	COMP+CAN	3/16	5.0 TPG (s)		U A
5720	COMPOSITE	1/4	6.0 TPG (d)		U A	2176	COMP+CAN	1/8	3.0 TTG (MC)		U A
9267	COMP+CAN	3/8	10.0 TPG (m)		U A	2177	COMP+CAN	5/32	4.0 TTG (MC)		U A
3579	COMPOSITE	1/8	3.0 TTG (MC)		U A	2178	COMP+CAN	3/16	5.0 TTG (MC)		U A
3580	COMPOSITE	5/32	4.0 TTG (MC)		U A	2179	COMP+CAN	1/4	6.0 TTG (MC)		U A
3581	COMPOSITE	3/16	5.0 TTG (MC)		U A	Cardinal IG ; Greenfield, IA:					
3555	COMPOSITE	1/4	6.0 TTG (MC)		U A	1841	COMP+CAN	1/8	3.0 TPG (s)		U A
9268	COMP+CAN	5/16	8.0 TTG		U A	1842	COMP+CAN	5/32	4.0 TPG (d)		U A
8870	COMPOSITE	3/8	10.0 TTG		U A	1843	COMP+CAN	3/16	5.0 TPG (s)		U A
8969	COMPOSITE	1/2	12.0 TTG		U A	1827	COMP+CAN	1/8	3.0 TTG (MC)		U A
Cardinal CT ; Moreno Valley, CA:						Cardinal IG ; Hood River, OR:					
5335	COMP+CAN	1/8	3.0 TPG (s)		U A	2857	COMP+CAN	1/8	3.0 TPG (s)		U A
9151	COMP+CAN	5/32	4.0 TPG (d)		U A	4836	COMP+CAN	5/32	4.0 TPG (d)		U A
5336	COMP+CAN	3/16	5.0 TPG (m)		U A	2859	COMP+CAN	3/16	5.0 TPG (m)		U A
2293	COMP+CAN	1/8	3.0 TTG (MC)		U A	2831	COMP+CAN	1/8	3.0 TTG (MC)		U A
2294	COMP+CAN	5/32	4.0 TTG (MC)		U A	2858	COMP+CAN	5/32	4.0 TTG (MC)		U A
2295	COMP+CAN	3/16	5.0 TTG (MC)		U A	2833	COMP+CAN	3/16	5.0 TTG (MC)		U A
2296	COMP+CAN	1/4	6.0 TTG (MC)		U A	2834	COMP+CAN	1/4	6.0 TTG (MC)		U A
Cardinal CT ; Mount Airy, NC:						Cardinal IG ; Mountain Top, PA:					
4581	COMP+CAN	1/8	3.0 TPG (s)		U A	8655	COMP+CAN	1/8	3.0 TPG (m)		U A
4742	COMP+CAN	5/32	4.0 TPG (s)		U A	3115	COMP+CAN	5/32	4.0 TPG (d)		U A
4582	COMP+CAN	3/16	5.0 TPG (m)		U A	3072	COMP+CAN	3/16	5.0 TPG (m)		U A
4578	COMP+CAN	1/8	3.0 TTG (MC)		U A	3068	COMP+CAN	1/8	3.0 TTG (MC)		U A
4579	COMP+CAN	5/32	4.0 TTG (MC)		U A	3069	COMP+CAN	5/32	4.0 TTG (MC)		U A
4580	COMP+CAN	3/16	5.0 TTG (MC)		U A	3070	COMP+CAN	3/16	5.0 TTG (MC)		U A
8134	COMP+CAN	1/4	6.0 TTG (MC)		U A	3071	COMP+CAN	1/4	6.0 TTG (MC)		U A
Cardinal CT ; Utica, OH:						Cardinal IG ; Ocala, FL:					
4623	COMP+CAN	1/8	3.0 TPG (m)		U A	8850	COMP+CAN	1/8	3.0 TPG (m)		U A
4624	COMP+CAN	5/32	4.0 TPG (m)		U A	8851	COMP+CAN	3/16	5.0 TPG (m)		U A
4625	COMP+CAN	3/16	5.0 TPG (m)		U A	8852	COMP+CAN	1/4	6.0 TPG (s)		U A
4620	COMP+CAN	1/8	3.0 TTG (MC)		U A	8846	COMP+CAN	1/8	3.0 TTG (MC)		U A
4621	COMP+CAN	5/32	4.0 TTG (MC)		U A	8847	COMP+CAN	5/32	4.0 TTG (MC)		U A
4622	COMP+CAN	3/16	5.0 TTG (MC)		U A	8848	COMP+CAN	3/16	5.0 TTG (MC)		U A
5479	COMP+CAN	1/4	6.0 TTG (MC)		U A	8849	COMP+CAN	1/4	6.0 TTG (MC)		U A
Cardinal FG ; Durant, OK:						Cardinal IG ; Spring Green, WI:					
2909	COMP+CAN	1/8	3.0 TTG (MC)		U A	1844	COMP+CAN	1/8	3.0 TPG (s)		U A
2910	COMP+CAN	5/32	4.0 TTG (MC)		U A	1845	COMP+CAN	5/32	4.0 TPG (m)		U A
2911	COMP+CAN	3/16	5.0 TTG (MC)		U A	5912	COMP+CAN	3/16	5.0 TPG (s)		U A
2912	COMP+CAN	1/4	6.0 TTG (MC)		U A	1831	COMP+CAN	1/8	3.0 TTG (MC)		U A
Cardinal FG ; Greenland, TN:						Cardinal IG ; Tomah, WI:					
598	COMP+CAN	1/8	3.0 TTG (MC)		U A	2321	COMP+CAN	1/8	3.0 TPG (m)		U A
955	COMP+CAN	5/32	4.0 TTG (MC)		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
220	COMP+CAN	3/16	5.0 TTG (MC)		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
89	COMP+CAN	1/4	6.0 TTG (MC)		U A	Cardinal IG ; Buckeye, AZ:					
Cardinal IG ; Buckeye, AZ:						Cardinal IG ; Tomah, WI:					
7491	COMP+CAN	1/8	3.0 TPG (m)		U A	2321	COMP+CAN	1/8	3.0 TPG (m)		U A
6525	COMP+CAN	5/32	4.0 TPG (d)		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
6559	COMP+CAN	3/16	5.0 TPG (m)		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
6556	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cardinal IG ; Tomah, WI:					
6522	COMP+CAN	5/32	4.0 TTG (MC)		U A	2321	COMP+CAN	1/8	3.0 TPG (m)		U A
6523	COMP+CAN	3/16	5.0 TTG (MC)		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
6524	COMP+CAN	1/4	6.0 TTG (MC)		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
6557	COMP+CAN	5/16	8.0 TTG (MC)		U A	Cardinal IG ; Tomah, WI:					

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2317	COMP+CAN	1/8	3.0 TTG (MC)		U A	Cat-I Manufacturing, Inc. ; South Elgin, IL:					
2318	COMP+CAN	5/32	4.0 TTG (MC)		U A	8076	COMP+CAN	1/8	3.0 TTG	24x36	A
2319	COMP+CAN	3/16	5.0 TTG (MC)		U A	5755	COMP+CAN	5/32	4.0 TTG	24x36	A
2320	COMP+CAN	1/4	6.0 TTG (MC)		U A	Central Florida Glass & Mirror, Inc ; Sebring, FL:					
6069	COMP+CAN	5/16	8.0 TTG (MC)		U A	8970	COMPOSITE	3/16	5.0 TTG		U A
Cardinal IG ; Vinton, VA:						8971	COMPOSITE	1/4	6.0 TTG		U A
2923	COMP+CAN	1/8	3.0 TPG (s)		U A	8972	COMPOSITE	3/8	10.0 TTG		U A
2924	COMP+CAN	5/32	4.0 TPG (d)		U A	8973	COMPOSITE	1/2	12.0 TTG		U A
3619	COMP+CAN	3/16	5.0 TPG (s)		U A	Central Valley Glass & Screen, Inc. ; Sacramento, CA:					
2919	COMP+CAN	1/8	3.0 TTG (MC)		U A	7551	COMPOSITE	1/8	3.0 TTG (MC)		U A
2920	COMP+CAN	5/32	4.0 TTG (MC)		U A	7552	COMPOSITE	5/32	4.0 TTG (MC)		U A
2921	COMP+CAN	3/16	5.0 TTG (MC)		U A	7553	COMPOSITE	3/16	5.0 TTG (MC)		U A
2922	COMP+CAN	1/4	6.0 TTG (MC)		U A	7554	COMPOSITE	1/4	6.0 TTG (MC)		U A
Cardinal IG ; Waxahachie, TX:						7555	COMPOSITE	3/8	10.0 TTG		U A
2397	COMP+CAN	1/8	3.0 TPG (m)		U A	7556	COMPOSITE	1/2	12.0 TTG		U A
8921	COMP+CAN	5/32	4.0 TPG (d)		U A	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC:					
2399	COMP+CAN	3/16	5.0 TPG (m)		U A	7809	COMP+CAN	1/8	3.0 TTG (MC)		U A
2328	COMP+CAN	1/8	3.0 TTG (MC)		U A	7239	COMP+CAN	3/16	5.0 TTG		U A
2329	COMP+CAN	5/32	4.0 TTG (MC)		U A	7240	COMP+CAN	1/4	6.0 TTG (MC)		U A
2330	COMP+CAN	3/16	5.0 TTG (MC)		U A	7243	COMP+CAN	3/8	10.0 TTG		U A
2331	COMP+CAN	1/4	6.0 TTG (MC)		U A	7241	COMP+CAN	1/2	12.0 TTG		U A
Cardinal LG ; Amery, WI:						Changshu Fardglass Co. Ltd. ; Changshu, Jiangu:					
8255	COMP+CAN	5/32	4.0 TTG (MC)		U A	6684	COMP+CAN	1/8	3.0 TTG (MC)		U A
5193	COMP+CAN	3/16	5.0 TTG (MC)		U A	Changshu Mingyang Glass Products Co., Ltd. ; Changshu, Jiangu:					
4841	COMP+CAN	1/4	6.0 TTG (MC)		U A	9288	COMP+CAN	1/4	6.0 TBG		U A
4842	COMP+CAN	5/16	8.0 TTG (MC)		U A	8553	COMP+CAN	1/8	3.0 TTG		U A
4843	COMP+CAN	3/8	10.0 TTG (MC)		U A	8853	COMP+CAN	5/32	4.0 TTG		U A
4844	COMP+CAN	1/2	12.0 TTG (MC)		U A	8766	COMP+CAN	1/4	6.0 TTG		U A
6484	COMP+CAN	5/8	16.0 TTG (IN)		U A	8767	COMP+CAN	5/16	8.0 TTG		U A
Cardinal LG ; Ocala, FL:						8854	COMP+CAN	3/8	10.0 TTG		U A
4584	COMPOSITE	1/8	3.0 TPG (m)		U A	Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangu:					
4587	COMPOSITE	1/4	6.0 TPG (s)		U A	5351	COMPOSITE	1/8	3.0 TTG (MC)		U A
3505	COMPOSITE	1/8	3.0 TTG (MC)		U A	5352	COMPOSITE	5/32	4.0 TTG		U A
3506	COMPOSITE	5/32	4.0 TTG (MC)		U A	5353	COMPOSITE	3/16	5.0 TTG		U A
3507	COMPOSITE	3/16	5.0 TTG (MC)		U A	5354	COMPOSITE	1/4	6.0 TTG		U A
3508	COMPOSITE	1/4	6.0 TTG (MC)		U A	Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangu:					
Cardinal LG ; Statesboro, GA:						4657	COMP+CAN	1/8	3.0 TTG		U A
2314	COMP+CAN	3/16	5.0 TTG (MC)		U A	5151	COMP+CAN	5/16	8.0 TTG		U A
2310	COMP+CAN	1/4	6.0 TTG (MC)		U A	5152	COMP+CAN	3/8	10.0 TTG		U A
4720	COMP+CAN	5/16	8.0 TTG		U A	Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangu:					
2311	COMP+CAN	3/8	10.0 TTG		U A	2432	COMP+CAN	1/8	3.0 TTG (MC)		U A
Cardinal LG Northeast ; Jessup, PA:						6191	COMP+CAN	5/32	4.0 TTG (MC)		U A
7496	COMP+CAN	1/8	3.0 TTG		U A	6475	COMP+CAN	3/16	5.0 TTG (MC)		U A
7497	COMP+CAN	5/32	4.0 TTG		U A	6499	COMP+CAN	1/4	6.0 TTG		U A
7498	COMP+CAN	3/16	5.0 TTG (MC)		U A	6500	COMP+CAN	5/16	8.0 TTG		U A
7499	COMP+CAN	1/4	6.0 TTG		U A	Changshu Zhouxing Craft Glass Factory ; Changshu, Jiangu:					
7500	COMP+CAN	5/16	8.0 TTG		U A	4936	COMP+CAN	1/8	3.0 TTG		U A
7549	COMP+CAN	3/8	10.0 TTG		U A	Chicago Tempered Glass, Inc. ; Chicago, IL:					
7550	COMP+CAN	1/2	12.0 TTG		U A	3086	COMPOSITE	5/32	4.0 TTG		U A
Cardinal TG ; Chehalis, WA:						3087	COMPOSITE	3/16	5.0 TTG (MC)		U A
3455	COMP+CAN	1/8	3.0 TTG		U A	3088	COMPOSITE	1/4	6.0 TTG (MC)		U A
3456	COMP+CAN	5/32	4.0 TTG		U A	3089	COMPOSITE	3/8	10.0 TTG		U A
3458	COMP+CAN	3/16	5.0 TTG		U A	3090	COMPOSITE	1/2	12.0 TTG		U A
3459	COMP+CAN	1/4	6.0 TTG		U A	Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing:					
Carey Glass UC ; Nenagh, Co. Tipperary:						6810	COMP+CAN	1/4	6.0 TTG		U A
5998	COMP+CAN	1/4	6.0 TTG (MC)		U A	6811	COMP+CAN	5/16	8.0 TTG		U A
5999	COMP+CAN	5/16	8.0 TTG (MC)		U A	6812	COMP+CAN	3/8	10.0 TTG		U A
6000	COMP+CAN	3/8	10.0 TTG (MC)		U A	6813	COMP+CAN	*	12.0 TTG (3)		U A
Cast Tempering Inc. ; Gardena, CA:											
9297	COMP+CAN	3/16	5.0 TTG		U A						
9298	COMP+CAN	1/4	6.0 TTG		U A						
9299	COMP+CAN	3/8	10.0 TTG		U A						
9300	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
Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya:						4701	COMP+CAN	5/16	8.0 TTG		U A
8743	COMPOSITE	3/16	5.0 TTG		U A	4702	COMP+CAN	3/8	10.0 TTG		U A
8744	COMPOSITE	1/4	6.0 TTG		U A	Contractors Wardrobe ; Valencia, CA:					
8745	COMPOSITE	5/16	8.0 TTG		U A	3473	COMP+CAN	1/8	3.0 TPG (m)		U A
8746	COMPOSITE	3/8	10.0 TTG		U A	3474	COMP+CAN	5/32	4.0 TPG (d)		U A
8747	COMPOSITE	*	12.0 TTG (3)		U A	3475	COMP+CAN	3/16	5.0 TPG (m)		U A
Citywide Glass Services ; Taunton, MA:						3476	COMP+CAN	1/4	6.0 TPG (s)		U A
9242	COMPOSITE	1/8	3.0 TTG (MC)		U A	3477	COMP+CAN	3/8	10.0 TPG (s)		U A
9215	COMPOSITE	3/16	5.0 TTG (MC)		U A	3464	COMP+CAN	1/8	3.0 TTG		U A
9216	COMPOSITE	1/4	6.0 TTG (MC)		U A	3465	COMP+CAN	5/32	4.0 TTG		U A
9217	COMPOSITE	3/8	10.0 TTG		U A	3466	COMP+CAN	3/16	5.0 TTG		U A
9218	COMPOSITE	1/2	12.0 TTG		U A	3467	COMP+CAN	1/4	6.0 TTG		U A
Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province:						3468	COMP+CAN	5/16	8.0 TTG		U A
9075	COMPOSITE	1/4	6.0 TTG		U A	3469	COMP+CAN	3/8	10.0 TTG		U A
9076	COMPOSITE	3/8	10.0 TTG		U A	3470	COMP+CAN	1/2	12.0 TTG		U A
9077	COMPOSITE	*	12.0 TTG (3)		U A	3472	COMP+CAN	3/4	19.0 TTG		U A
Cleer Vision Tempered Glass ; Elkhart, IN:						Control Glass, A&S, S.L. ; Teruel, Spain:					
8654	COMP+CAN	1/8	3.0 TPG (m)		U A	7791	COMP+CAN	5/32	4.0 TTG		U A
4546	COMP+CAN	1/8	3.0 TTG		U A	7792	COMP+CAN	1/4	6.0 TTG		U A
8652	COMP+CAN	5/32	4.0 TTG		U A	7793	COMP+CAN	3/8	10.0 TTG		U A
8653	COMP+CAN	3/16	5.0 TTG		U A	7988	COMP+CAN	*	12.0 TTG (4)		U A
7630	COMP+CAN	1/4	6.0 TTG		U A	Coral Industries Glass Division ; Tuscaloosa, AL:					
Clinton Glass Company (Middlebrook Pike) ; Knoxville, TN:						1964	COMPOSITE	3/16	5.0 TPG (m)		U A
7543	COMPOSITE	1/4	6.0 TTG		U A	2944	COMPOSITE	1/4	6.0 TPG (d)		U A
7831	COMPOSITE	5/16	8.0 TTG		U A	2945	COMPOSITE	3/8	10.0 TPG (d)		U A
7544	COMPOSITE	3/8	10.0 TTG		U A	1910	COMPOSITE	3/16	5.0 TTG		U A
7545	COMPOSITE	1/2	12.0 TTG		U A	1911	COMPOSITE	1/4	6.0 TTG		U A
Commercial Insulating Glass Co. ; Cumberland City, TN:						2144	COMPOSITE	3/8	10.0 TTG		U A
3806	COMPOSITE	1/8	3.0 TTG (MC)		U A	2145	COMPOSITE	1/2	12.0 TTG		U A
3807	COMPOSITE	3/16	5.0 TTG (MC)		U A	Crystal Glass International SDN BHD ; Shah Alam, Selangor:					
3808	COMPOSITE	1/4	6.0 TTG (MC)		U A	9757	COMPOSITE	5/32	4.0 TTG		U A
Compagnie de Portes Énergétique EDC (Energy Door Company) ; L'Assomption, Quebec:						9758	COMPOSITE	3/16	5.0 TTG		U A
7192	COMP+CAN	5/32	4.0 TTG (MC)		U A	9759	COMPOSITE	1/4	6.0 TTG		U A
Complete Line Glass Wholesalers, Inc. ; San Antonio, TX:						9760	COMPOSITE	5/16	8.0 TTG		U A
7570	COMPOSITE	3/16	5.0 TPG (m)		U A	9761	COMPOSITE	3/8	10.0 TTG		U A
7572	COMPOSITE	3/8	10.0 TPG (s)		U A	9762	COMPOSITE	*	12.0 TTG (3)		U A
7565	COMPOSITE	1/8	3.0 TTG (MC)		U A	Crystal Tempering, Inc. ; Debary, FL:					
7566	COMPOSITE	5/32	4.0 TTG		U A	6214	COMPOSITE	3/16	5.0 TPG (m)		U A
7567	COMPOSITE	3/16	5.0 TTG (MC)		U A	6215	COMPOSITE	1/4	6.0 TPG (s)		U A
7568	COMPOSITE	1/4	6.0 TTG (MC)		U A	6216	COMPOSITE	3/8	10.0 TPG (s)		U A
7569	COMPOSITE	3/8	10.0 TTG		U A	6209	COMPOSITE	3/16	5.0 TTG		U A
Consolidated Glass Corp. ; New Castle, PA:						6210	COMPOSITE	1/4	6.0 TTG		U A
2355	COMPOSITE	5/32	4.0 TPG (m)		U A	6211	COMPOSITE	3/8	10.0 TTG		U A
2354	COMPOSITE	3/16	5.0 TPG (m)		U A	6212	COMPOSITE	1/2	12.0 TTG		U A
4714	COMPOSITE	1/4	6.0 TPG (m)		U A	CS ECO Glass (M) Sdn Bhd ; Sungai Gadut, Negeri Sembilan:					
4785	COMPOSITE	3/8	10.0 TPG (s)		U A	6867	COMPOSITE	3/16	5.0 TTG		U A
1998	COMPOSITE	1/8	3.0 TTG		U A	6868	COMPOSITE	1/4	6.0 TTG		U A
1999	COMPOSITE	5/32	4.0 TTG		U A	6869	COMPOSITE	5/16	8.0 TTG		U A
2005	COMPOSITE	3/16	5.0 TTG		U A	6870	COMPOSITE	3/8	10.0 TTG		U A
2002	COMPOSITE	1/4	6.0 TTG		U A	6871	COMPOSITE	1/2	12.0 TTG		U A
3635	COMPOSITE	5/16	8.0 TTG		U A	Custom Glass Products Inc. ; Weston, WI:					
2003	COMPOSITE	3/8	10.0 TTG		U A	4002	COMPOSITE	1/4	6.0 TTG (MC)		U A
2004	COMPOSITE	1/2	12.0 TTG		U A	6671	COMPOSITE	1/2	12.0 TTG (MC)		U A
Contour Industries, Inc. ; Surgoinville, TN:						D3 Glass, LLC ; Fort Myers, FL:					
4703	COMP+CAN	1/8	3.0 TPG (s)		U A	7626	COMPOSITE	3/8	10.0 TPG (s)		U A
4704	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A	7627	COMPOSITE	1/4	6.0 TTG		U A
4705	COMP+CAN	3/16	5.0 TPG (s)		U A	7628	COMPOSITE	3/8	10.0 TTG		U A
1680	COMP+CAN	1/8	3.0 TTG (MC)		U A	7629	COMPOSITE	1/2	12.0 TTG		U A
4285	COMP+CAN	5/32	4.0 TTG		U A	Dalian Huaying Glass Limited Liability Co. ; Dalian, Liaoning:					
1678	COMP+CAN	3/16	5.0 TTG		U A	5260	COMP+CAN	1/8	3.0 TTG		U A
1677	COMP+CAN	1/4	6.0 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
Dallas Flat Glass ; Carrollton, TX:						2662	COMPOSITE	1/4	6.0 TTG (MC)		U A
4790	COMPOSITE	1/8	3.0 TTG		U A	5554	COMPOSITE	5/16	8.0 TTG		U A
4763	COMPOSITE	3/16	5.0 TTG		U A	2663	COMPOSITE	3/8	10.0 TTG		U A
3701	COMPOSITE	1/4	6.0 TTG		U A	2664	COMPOSITE	1/2	12.0 TTG		U A
4566	COMPOSITE	3/8	10.0 TTG		U A	2665	COMPOSITE	3/4	19.0 TTG		U A
4567	COMPOSITE	1/2	12.0 TTG		U A	Dulles Glass ; Manassas, VA:					
8174	COMPOSITE	3/4	19.0 TTG		U A	5123	COMPOSITE	3/8	10.0 TPG (s)		U A
Denver Glass Interiors, Inc. ; Englewood, CO:						4918	COMPOSITE	3/16	5.0 TTG		U A
9222	COMPOSITE	3/16	5.0 TPG (m)		U A	4061	COMPOSITE	1/4	6.0 TTG		U A
4507	COMPOSITE	1/4	6.0 TPG (m)		U A	4062	COMPOSITE	3/8	10.0 TTG		U A
4508	COMPOSITE	3/8	10.0 TPG (s)		U A	4063	COMPOSITE	1/2	12.0 TTG		U A
3865	COMPOSITE	3/16	5.0 TTG		U A	Echols Glass and Mirror, Inc. ; Buford, GA:					
3866	COMPOSITE	1/4	6.0 TTG		U A	6318	COMPOSITE	3/16	5.0 TPG (m)		U A
3867	COMPOSITE	3/8	10.0 TTG		U A	6319	COMPOSITE	3/8	10.0 TPG (s)		U A
3868	COMPOSITE	1/2	12.0 TTG		U A	7712	COMPOSITE	1/8	3.0 TTG		U A
Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang:						6314	COMPOSITE	3/16	5.0 TTG		U A
4055	COMPOSITE	1/8	3.0 TTG		U A	6315	COMPOSITE	1/4	6.0 TTG		U A
4057	COMPOSITE	3/16	5.0 TTG		U A	6316	COMPOSITE	3/8	10.0 TTG		U A
Diamond Glass ; Dublin, Ireland:						6317	COMPOSITE	1/2	12.0 TTG		U A
8302	COMP+CAN	5/16	8.0 TTG		U A	ECO Glass Production ; Medley, FL:					
8303	COMP+CAN	3/8	10.0 TTG		U A	8367	COMP+CAN	1/8	3.0 TTG		U A
8304	COMP+CAN	*	12.0 TTG (3)		U A	8369	COMP+CAN	3/16	5.0 TTG		U A
Dillmeier Enterprise, Inc. ; Van Buren, AR:						8370	COMP+CAN	1/4	6.0 TTG		U A
4838	COMPOSITE	1/8	3.0 TTG		U A	Edge Tempering ; Hialeah, FL:					
3912	COMPOSITE	3/16	5.0 TTG		U A	7280	COMPOSITE	3/16	5.0 TTG		U A
3913	COMPOSITE	1/4	6.0 TTG		U A	6297	COMPOSITE	1/4	6.0 TTG		U A
4839	COMPOSITE	5/16	8.0 TTG		U A	6298	COMPOSITE	3/8	10.0 TTG		U A
3914	COMPOSITE	3/8	10.0 TTG		U A	6299	COMPOSITE	1/2	12.0 TTG		U A
3915	COMPOSITE	1/2	12.0 TTG		U A	EFCO Corporation ; Monett, MO:					
3916	COMPOSITE	5/8	16.0 TTG		U A	2143	COMPOSITE	3/16	5.0 TPG (s)		U A
3917	COMPOSITE	3/4	19.0 TTG		U A	4121	COMPOSITE	1/8	3.0 TTG		U A
Dolphin Glass Specialists, LLC ; Miami Gardens, FL:						1901	COMPOSITE	3/16	5.0 TTG		U A
7840	COMPOSITE	1/4	6.0 TTG		U A	1902	COMPOSITE	1/4	6.0 TTG		U A
Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong Province:						4154	COMPOSITE	5/16	8.0 TTG		U A
3932	COMP+CAN	5/32	4.0 TTG		U A	8233	COMPOSITE	3/8	10.0 TTG		U A
3933	COMP+CAN	3/16	5.0 TTG		U A	Eko-Okna S.A. ; Kornice, Poland:					
3934	COMP+CAN	1/4	6.0 TTG		U A	9117	COMP+CAN	5/32	4.0 TTG (MC)		U A
3935	COMP+CAN	5/16	8.0 TTG		U A	9118	COMP+CAN	1/4	6.0 TTG (MC)		U A
3936	COMP+CAN	3/8	10.0 TTG		U A	9119	COMP+CAN	5/16	8.0 TTG (MC)		U A
3937	COMP+CAN	*	12.0 TTG (3)		U A	9120	COMP+CAN	3/8	10.0 TTG (MC)		U A
3938	COMP+CAN	*	15.0 TTG (3)		U A	9121	COMP+CAN	*	12.0 TTG (MC)(3)		U A
3939	COMP+CAN	3/4	19.0 TTG		U A	Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California:					
Dongguan Dongfa Chuangfu Special Glass Technology Company Limited ; Dongguan, Guangdong Province:						8435	COMP+CAN	3/16	5.0 TTG		U A
4132	COMP+CAN	5/16	8.0 TTG		U A	8436	COMP+CAN	1/4	6.0 TTG (MC)		U A
4125	COMP+CAN	3/8	10.0 TTG		U A	8437	COMP+CAN	5/16	8.0 TTG (MC)		U A
4126	COMP+CAN	*	12.0 TTG (3)		U A	8438	COMP+CAN	3/8	10.0 TTG		U A
7620	COMP+CAN	*	15.0 TTG (4)		U A	8439	COMP+CAN	1/2	12.0 TTG		U A
7621	COMP+CAN	3/4	19.0 TTG		U A	Engineered Glass Products, L.L.C. ; Chicago, IL:					
Dost Cam Sanayi ve Ticaret A.S. ; Cigli, Izmir:						4388	COMPOSITE	1/8	3.0 TTG (MC)	26x72	A
8976	COMPOSITE	5/32	4.0 TTG		U A	2589	COMPOSITE	5/32	4.0 TTG (MC)	26x72	A
8977	COMPOSITE	3/16	5.0 TTG		U A	8185	COMPOSITE	3/16	5.0 TTG (MC)	26x72	A
8978	COMPOSITE	1/4	6.0 TTG		U A	Epta S.P.A. ; Limana, Belluno:					
8962	COMPOSITE	5/16	8.0 TTG		U A	7934	COMP+CAN	5/32	4.0 TTG (MC)		U A
8963	COMPOSITE	3/8	10.0 TTG		U A	Erdem Dis Ticaret A.S. ; Pendik, Istanbul:					
Double Seal Insulating Glass Ltd. ; Toronto, Ontario:						7609	COMP+CAN	1/4	6.0 TTG		U A
8307	COMP+CAN	1/8	3.0 TTG (MC)		U A	7610	COMP+CAN	5/16	8.0 TTG		U A
8308	COMP+CAN	5/32	4.0 TTG (MC)		U A	7611	COMP+CAN	3/8	10.0 TTG		U A
8309	COMP+CAN	3/16	5.0 TTG (MC)		U A	Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia:					
8310	COMP+CAN	1/4	6.0 TTG (MC)		U A	8157	COMPOSITE	1/4	6.0 TTG (MC)		U A
Downey Glass ; Pompano Beach, FL:						8158	COMPOSITE	3/8	10.0 TTG		U A
2661	COMPOSITE	3/16	5.0 TTG		U A	8159	COMPOSITE	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
Fairis C.A. ; Ambato, Tungurahua:						7183	COMPOSITE	5/32	4.0 TTG (IN)		U A
4425	COMPOSITE	5/32	4.0 TTG (MC)		U A	IN					
4426	COMPOSITE	3/16	5.0 TTG		U A	7874	COMPOSITE	3/16	5.0 TTG		U A
4427	COMPOSITE	1/4	6.0 TTG (MC)		U A	7185	COMPOSITE	1/4	6.0 TTG		U A
4428	COMPOSITE	5/16	8.0 TTG		U A	7186	COMPOSITE	5/16	8.0 TTG		U A
4429	COMPOSITE	3/8	10.0 TTG		U A	7187	COMPOSITE	3/8	10.0 TTG		U A
FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra:						7188	COMPOSITE	1/2	12.0 TTG		U A
8417	COMP+CAN	5/32	4.0 TTG		U A	Fujian Tider Glass Co., Ltd. ; Xiamen, Fujian:					
8418	COMP+CAN	1/4	6.0 TTG		U A	8360	COMP+CAN	3/16	5.0 TPG (s)		U A
8419	COMP+CAN	5/16	8.0 TTG		U A	8361	COMP+CAN	1/4	6.0 TPG (m)		U A
8420	COMP+CAN	3/8	10.0 TTG		U A	8366	COMP+CAN	1/8	3.0 TTG		U A
8421	COMP+CAN	1/2	12.0 TTG		U A	7784	COMP+CAN	5/32	4.0 TTG		U A
Flat Glass Distributors ; Jacksonville, FL:						7785	COMP+CAN	3/16	5.0 TTG		U A
3828	COMPOSITE	1/8	3.0 TPG (m)		U A	7786	COMP+CAN	1/4	6.0 TTG		U A
3830	COMPOSITE	3/16	5.0 TPG (m)		U A	7787	COMP+CAN	5/16	8.0 TTG		U A
3831	COMPOSITE	1/4	6.0 TPG (s)		U A	7788	COMP+CAN	3/8	10.0 TTG		U A
4638	COMPOSITE	3/8	10.0 TPG (s)		U A	7789	COMP+CAN	1/2	12.0 TTG		U A
3822	COMPOSITE	1/8	3.0 TTG (MC)		U A	Fujian Xihe Sanitary Ware Technology Co., Ltd ; Quanzhou, Fujian:					
3823	COMPOSITE	3/16	5.0 TTG (MC)		U A	8030	COMPOSITE	3/16	5.0 TBG		U A
3824	COMPOSITE	1/4	6.0 TTG (MC)		U A	8031	COMPOSITE	1/4	6.0 TBG		U A
3825	COMPOSITE	3/8	10.0 TTG		U A	8032	COMPOSITE	5/16	8.0 TBG		U A
3826	COMPOSITE	1/2	12.0 TTG		U A	8617	COMPOSITE	1/4	6.0 TPG (s)		U A
Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang:						8938	COMPOSITE	1/4	6.0 TPG (IN)(d)		U A
5521	COMP+CAN	3/16	5.0 TTG (MC)		U A	IN					
5522	COMP+CAN	1/4	6.0 TTG (MC)		U A	8023	COMPOSITE	5/32	4.0 TTG		U A
5523	COMP+CAN	5/16	8.0 TTG (MC)		U A	8024	COMPOSITE	3/16	5.0 TTG		U A
5524	COMP+CAN	3/8	10.0 TTG		U A	8025	COMPOSITE	1/4	6.0 TTG		U A
8380	COMP+CAN	1/2	12.0 TTG		U A	8026	COMPOSITE	5/16	8.0 TTG		U A
Foshan Douglas Glass Technology Co., LTD. ; Foshan, Guangdong Province:						8618	COMPOSITE	3/8	10.0 TTG		U A
8695	COMP+CAN	1/4	6.0 TTG		U A	Futureguard Building Products ; Auburn, ME:					
8696	COMP+CAN	5/16	8.0 TTG		U A	8663	COMP+CAN	5/32	4.0 TTG (MC)		U A
8697	COMP+CAN	3/8	10.0 TTG		U A	Fuzhou Autran Industrial Co., Ltd. ; Fuzhou, Fujian:					
Foshan Gaoming Yaqi Toughened Glass ; Foshan, Guangdong Province:						8698	COMP+CAN	1/4	6.0 TTG		U A
6123	COMP+CAN	1/4	6.0 TBG		U A	8699	COMP+CAN	3/8	10.0 TTG		U A
6124	COMP+CAN	5/16	8.0 TBG		U A	8700	COMP+CAN	1/2	12.0 TTG		U A
7717	COMP+CAN	5/16	8.0 TPG (s)		U A	G.E. Silliker & Sons Ltd. ; Borden-Carleton, Prince Edward Island:					
8627	COMP+CAN	3/16	5.0 TTG		U A	8224	COMP+CAN	1/8	3.0 TTG (MC)		U A
6119	COMP+CAN	1/4	6.0 TTG		U A	8225	COMP+CAN	5/32	4.0 TTG (MC)		U A
6120	COMP+CAN	5/16	8.0 TTG		U A	8226	COMP+CAN	3/16	5.0 TTG (MC)		U A
6121	COMP+CAN	3/8	10.0 TTG		U A	8227	COMP+CAN	1/4	6.0 TTG (MC)		U A
6122	COMP+CAN	1/2	12.0 TTG		U A	9765	COMP+CAN	1/4	6.0 TTG		U A
Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong Province:						8228	COMP+CAN	5/16	8.0 TTG (MC)		U A
8260	COMPOSITE	3/16	5.0 TTG		U A	8229	COMP+CAN	3/8	10.0 TTG		U A
8261	COMPOSITE	1/4	6.0 TTG		U A	8230	COMP+CAN	1/2	12.0 TTG		U A
8262	COMPOSITE	5/16	8.0 TTG		U A	8231	COMP+CAN	5/8	16.0 TTG		U A
8263	COMPOSITE	3/8	10.0 TTG		U A	8232	COMP+CAN	3/4	19.0 TTG		U A
Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province:						Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia:					
8321	COMP+CAN	1/4	6.0 TTG		U A	5124	COMP+CAN	3/16	5.0 TTG (MC)		U A
8322	COMP+CAN	5/16	8.0 TTG		U A	4419	COMP+CAN	1/4	6.0 TTG (MC)		U A
8323	COMP+CAN	3/8	10.0 TTG		U A	5219	COMP+CAN	5/16	8.0 TTG (MC)		U A
Fountain Glass Inc. ; Lenexa, KS:						4420	COMP+CAN	3/8	10.0 TTG (MC)		U A
7102	COMPOSITE	3/16	5.0 TPG (m)		U A	4421	COMP+CAN	1/2	12.0 TTG		U A
7100	COMPOSITE	1/4	6.0 TPG (s)		U A	9203	COMP+CAN	5/8	16.0 TTG		U A
7103	COMPOSITE	3/8	10.0 TPG (s)		U A	4422	COMP+CAN	3/4	19.0 TTG		U A
7105	COMPOSITE	3/16	5.0 TTG		U A	Gemtron Canada Corporation ; Midland, Ontario:					
7101	COMPOSITE	1/4	6.0 TTG		U A	3067	COMP+CAN	1/8	3.0 TTG (MC)		U A
7106	COMPOSITE	3/8	10.0 TTG		U A	3659	COMP+CAN	5/32	4.0 TTG (MC)		U A
7104	COMPOSITE	1/2	12.0 TTG		U A	3636	COMP+CAN	3/16	5.0 TTG (MC)		U A
Fujian Chengda Glass Co., Ltd ; Zhangzhou, Fujian:						3637	COMP+CAN	1/4	6.0 TTG (MC)		U A
7182	COMPOSITE	1/8	3.0 TTG (IN)		U A	6020	COMP+CAN	5/16	8.0 TTG		U A
IN						6021	COMP+CAN	3/8	10.0 TTG		U A
						Gemtron Corporation ; Sweetwater, TN:					
						1422	COMP+CAN	1/8	3.0 TPG (s)		U A
						1424	COMP+CAN	5/32	4.0 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
1334	COMP+CAN	1/8	3.0 TTG (MC)		U A	9000	COMP+CAN	5/32	4.0 TTG		U A
1332	COMP+CAN	5/32	4.0 TTG (MC)		U A	9001	COMP+CAN	3/16	5.0 TTG		U A
1201	COMP+CAN	3/16	5.0 TTG (MC)		U A	9002	COMP+CAN	1/4	6.0 TTG		U A
1477	COMP+CAN	1/4	6.0 TTG		U A	Glass Insulators Inc. ; Bloomer, WI:					
General Glass ; Vancouver, WA:						9200	COMP+CAN	1/8	3.0 TPG (m)		U A
5750	COMPOSITE	1/8	3.0 TPG (s)		U A	9007	COMP+CAN	1/8	3.0 TTG (MC)		U A
7478	COMPOSITE	3/16	5.0 TPG (m)		U A	9008	COMP+CAN	5/32	4.0 TTG (MC)		U A
4031	COMPOSITE	1/8	3.0 TTG (MC)		U A	9009	COMP+CAN	3/16	5.0 TTG (MC)		U A
4032	COMPOSITE	5/32	4.0 TTG (MC)		U A	9010	COMP+CAN	1/4	6.0 TTG (MC)		U A
4033	COMPOSITE	3/16	5.0 TTG (MC)		U A	Glassbel Baltic ; Klaipeda, Lithuania:					
4034	COMPOSITE	1/4	6.0 TTG (MC)		U A	6706	COMP+CAN	1/4	6.0 TTG (MC)		U A
8806	COMPOSITE	3/8	10.0 TTG		U A	6707	COMP+CAN	5/16	8.0 TTG (MC)		U A
5751	COMPOSITE	1/2	12.0 TTG		U A	6708	COMP+CAN	3/8	10.0 TTG (MC)		U A
GGI Glass Distributors Corp. ; Secaucus, NJ:						6709	COMP+CAN	1/2	12.0 TTG (MC)		U A
3970	COMPOSITE	5/32	4.0 TPG (s)(IN)		U A	GlasssecViracon ; Nazare Paulista, Sao Paulo:					
IN						9060	COMP+CAN	1/4	6.0 TTG (MC)		U A
3971	COMPOSITE	3/16	5.0 TPG (m)		U A	9061	COMP+CAN	5/16	8.0 TTG (MC)		U A
3972	COMPOSITE	1/4	6.0 TPG (m)		U A	9062	COMP+CAN	3/8	10.0 TTG (MC)		U A
3973	COMPOSITE	3/8	10.0 TPG (s)		U A	Glassfab Canada ; Aldergrove, British Columbia:					
3974	COMPOSITE	1/2	12.0 TPG (s)(IN)		U A	8640	COMP+CAN	1/8	3.0 TPG (s)		U A
IN						8636	COMP+CAN	1/8	3.0 TTG		U A
2928	COMPOSITE	5/32	4.0 TTG (IN)		U A	8637	COMP+CAN	5/32	4.0 TTG		U A
2226	COMPOSITE	3/16	5.0 TTG		U A	8638	COMP+CAN	3/16	5.0 TTG		U A
2227	COMPOSITE	1/4	6.0 TTG		U A	8622	COMP+CAN	1/4	6.0 TTG		U A
4248	COMPOSITE	5/16	8.0 TTG		U A	8623	COMP+CAN	3/8	10.0 TTG (IN)		U A
2282	COMPOSITE	3/8	10.0 TTG		U A	IN					
2228	COMPOSITE	1/2	12.0 TTG		U A	GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA:					
3857	COMPOSITE	5/8	16.0 TTG		U A	6118	COMPOSITE	1/8	3.0 TTG (MC)		U A
3858	COMPOSITE	3/4	19.0 TTG		U A	5986	COMPOSITE	3/16	5.0 TTG (MC)		U A
4774	COMPOSITE	1	25.0 TTG (IN)		U A	7024	COMPOSITE	1/4	6.0 TTG (MC)		U A
IN						5988	COMPOSITE	3/8	10.0 TTG (MC)		U A
Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County:						5989	COMPOSITE	1/2	12.0 TTG		U A
7868	COMP+CAN	3/16	5.0 TTG		U A	5990	COMPOSITE	3/4	19.0 TTG		U A
GLASPRO ; Santa Fe Springs, CA:						GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA:					
6047	COMP+CAN	1/4	6.0 TTG (MC)		U A	7796	COMPOSITE	1/8	3.0 TPG (s)		U A
6048	COMP+CAN	1/2	12.0 TTG		U A	5128	COMPOSITE	5/32	4.0 TPG (d)		U A
Glass and Mirror Craft ; Wixom, MI:						7797	COMPOSITE	3/16	5.0 TPG (m)		U A
4198	COMP+CAN	1/8	3.0 TTG (MC)		U A	7798	COMPOSITE	1/4	6.0 TPG (s)		U A
5116	COMP+CAN	5/32	4.0 TTG		U A	4897	COMPOSITE	3/8	10.0 TPG (s)		U A
4199	COMP+CAN	3/16	5.0 TTG (MC)		U A	7799	COMPOSITE	1/8	3.0 TTG		U A
4200	COMP+CAN	1/4	6.0 TTG (MC)		U A	4889	COMPOSITE	3/16	5.0 TTG		U A
5598	COMP+CAN	3/8	10.0 TTG		U A	4891	COMPOSITE	1/4	6.0 TTG		U A
4202	COMP+CAN	1/2	12.0 TTG		U A	7023	COMPOSITE	3/8	10.0 TTG		U A
4203	COMP+CAN	5/8	16.0 TTG		U A	4890	COMPOSITE	1/2	12.0 TTG		U A
4204	COMP+CAN	3/4	19.0 TTG		U A	4893	COMPOSITE	3/4	19.0 TTG		U A
Glass Design of Miami, Inc. ; Medley, FL:						Glasstech Industries B.S.C. ; Hidd, Manama:					
7145	COMPOSITE	1/4	6.0 TTG		U A	7298	COMPOSITE	5/32	4.0 TTG		U A
7144	COMPOSITE	3/8	10.0 TTG		U A	7299	COMPOSITE	1/4	6.0 TTG		U A
7143	COMPOSITE	1/2	12.0 TTG		U A	7300	COMPOSITE	5/16	8.0 TTG (MC)		U A
Glass Enterprise Northeast ; Norwich, CT:						GlassTemp, Inc. ; Bellwood, IL:					
9425	COMP+CAN	1/4	6.0 TTG (MC)		U A	8320	COMPOSITE	1/8	3.0 TTG (MC)		U A
9426	COMP+CAN	5/16	8.0 TTG (MC)		U A	8151	COMPOSITE	3/16	5.0 TTG (MC)		U A
9427	COMP+CAN	3/8	10.0 TTG (MC)		U A	7695	COMPOSITE	1/4	6.0 TTG (MC)		U A
Glass Enterprises, Inc. ; Bensalem, PA:						7696	COMPOSITE	3/8	10.0 TTG		U A
4628	COMPOSITE	3/16	5.0 TTG (MC)		U A	7697	COMPOSITE	1/2	12.0 TTG		U A
4629	COMPOSITE	1/4	6.0 TTG (MC)		U A	Glasswerks GWA- West ; South Gate CA:					
9221	COMPOSITE	5/16	8.0 TTG		U A	5480	COMPOSITE	5/32	4.0 TTG		U A
6597	COMPOSITE	3/8	10.0 TTG		U A	5481	COMPOSITE	3/16	5.0 TTG (MC)		U A
6598	COMPOSITE	1/2	12.0 TTG		U A	5482	COMPOSITE	1/4	6.0 TTG (MC)		U A
8540	COMPOSITE	5/8	16.0 TTG		U A	Glasswerks GWLA- East ; South Gate, CA:					
8541	COMPOSITE	3/4	19.0 TTG		U A	4804	COMPOSITE	1/8	3.0 TTG (MC)		U A
Glass Group & Seal Inc ; Concord, Ontario:						5882	COMPOSITE	5/32	4.0 TTG		U A
9003	COMP+CAN	3/16	5.0 TPG (s)		U A	4805	COMPOSITE	3/16	5.0 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
4806	COMPOSITE	1/4	6.0 TTG (MC)		U A	Global Security Glazing ; Selma, AL:					
5883	COMPOSITE	3/8	10.0 TTG (MC)		U A	4764	COMP+CAN	1/8	3.0 TTG		U A
5884	COMPOSITE	1/2	12.0 TTG		U A	4765	COMP+CAN	3/16	5.0 TTG		U A
6921	COMPOSITE	5/8	16.0 TTG		U A	4766	COMP+CAN	1/4	6.0 TTG (MC)		U A
5885	COMPOSITE	3/4	19.0 TTG		U A	4767	COMP+CAN	3/8	10.0 TTG		U A
Glasswerks GWT ; Temecula, CA:						4768	COMP+CAN	1/2	12.0 TTG		U A
6095	COMP+CAN	3/16	5.0 TTG (MC)		U A	GnT Glass Co., Ltd. ; Dongguan, Guangdong Province:					
6096	COMP+CAN	1/4	6.0 TTG (MC)		U A	6540	COMP+CAN	1/4	6.0 TTG		U A
6097	COMP+CAN	3/8	10.0 TTG		U A	5788	COMP+CAN	5/16	8.0 TTG		U A
6098	COMP+CAN	1/2	12.0 TTG		U A	5789	COMP+CAN	3/8	10.0 TTG		U A
Glaz-Tech Industries, Inc. ; Albuquerque, NM:						5790	COMP+CAN	*	12.0 TTG (3)		U A
8787	COMPOSITE	3/16	5.0 TPG (m)		U A	Goldray Industries Ltd. ; Calgary, Alberta:					
8788	COMPOSITE	3/8	10.0 TPG (s)		U A	2445	COMP+CAN	5/32	4.0 TTG		U A
8782	COMPOSITE	1/8	3.0 TTG (MC)		U A	2446	COMP+CAN	3/16	5.0 TTG		U A
8783	COMPOSITE	3/16	5.0 TTG (MC)		U A	2447	COMP+CAN	1/4	6.0 TTG		U A
8784	COMPOSITE	1/4	6.0 TTG (MC)		U A	2448	COMP+CAN	3/8	10.0 TTG		U A
8785	COMPOSITE	3/8	10.0 TTG		U A	2449	COMP+CAN	1/2	12.0 TTG		U A
8786	COMPOSITE	1/2	12.0 TTG		U A	Griffin Glass & Metal Werks, Inc. ; Elmhurst, IL:					
Glaz-Tech Industries, Inc. ; Boise, ID:						7146	COMP+CAN	3/16	5.0 TTG		U A
6713	COMPOSITE	3/16	5.0 TPG (m)		U A	7147	COMP+CAN	1/4	6.0 TTG		U A
6612	COMPOSITE	3/8	10.0 TPG (s)		U A	7201	COMP+CAN	5/16	8.0 TTG		U A
6607	COMPOSITE	1/8	3.0 TTG (MC)		U A	7202	COMP+CAN	3/8	10.0 TTG		U A
6608	COMPOSITE	3/16	5.0 TTG (MC)		U A	7148	COMP+CAN	1/2	12.0 TTG		U A
6609	COMPOSITE	1/4	6.0 TTG (MC)		U A	7284	COMP+CAN	3/4	19.0 TTG		U A
6610	COMPOSITE	3/8	10.0 TTG		U A	Guang Dong Kibing Energy Saving Glass Co., LTD ; Heyuan City, Guangdong Province:					
6611	COMPOSITE	1/2	12.0 TTG		U A	9232	COMPOSITE	3/16	5.0 TTG		U A
Glaz-Tech Industries, Inc. ; Englewood, CO:						9233	COMPOSITE	1/4	6.0 TTG		U A
2193	COMPOSITE	3/16	5.0 TPG (m)		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. ; Tucson, AZ:						8242	COMP+CAN	1/4	6.0 TTG		U A
6579	COMPOSITE	1/8	3.0 TPG (s)		U A	8243	COMP+CAN	5/16	8.0 TTG		U A
6580	COMPOSITE	3/16	5.0 TPG (m)		U A	8244	COMP+CAN	3/8	10.0 TTG		U A
6581	COMPOSITE	3/8	10.0 TPG (s)		U A	Guangdong South Star Glass Limited ; Foshan, Guangdong Province:					
6574	COMPOSITE	1/8	3.0 TTG (MC)		U A	7974	COMPOSITE	5/16	8.0 TTG		U A
6575	COMPOSITE	3/16	5.0 TTG (MC)		U A	7975	COMPOSITE	3/8	10.0 TTG		U A
6576	COMPOSITE	1/4	6.0 TTG (MC)		U A	7976	COMPOSITE	1/2	12.0 TTG		U A
6577	COMPOSITE	3/8	10.0 TTG		U A	7977	COMPOSITE	*	15.0 TTG (4)		U A
6578	COMPOSITE	1/2	12.0 TTG		U A	7978	COMPOSITE	3/4	19.0 TTG		U A
Glenny Glass Co. ; Milford, OH:						Guangdong Xeyoung Glass Technology Co., Ltd ; Huizhou, Guangdong Province:					
3841	COMPOSITE	1/8	3.0 TTG		U A	9205	COMPOSITE	1/4	6.0 TTG		U A
3843	COMPOSITE	3/16	5.0 TTG		U A						
3844	COMPOSITE	1/4	6.0 TTG		U A						
3845	COMPOSITE	3/8	10.0 TTG		U A						
3846	COMPOSITE	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
9206	COMPOSITE	5/16	8.0 TTG		U A	Guardian Glass, LLC ; Richburg, SC:					
9207	COMPOSITE	3/8	10.0 TTG		U A	1683	COMP+CAN	1/8	3.0 TPG (m)		U A
9208	COMPOSITE	1/2	12.0 TTG		U A	1635	COMP+CAN	5/32	4.0 TPG (m)		U A
Guardian Fabrication - Hialeah Gardens ; Hialeah, FL:						1865	COMP+CAN	3/16	5.0 TPG (m)		U A
8402	COMPOSITE	3/8	10.0 TPG (s)		U A	3002	COMP+CAN	1/4	6.0 TPG (m)		U A
8397	COMPOSITE	3/16	5.0 TTG (MC)		U A	3003	COMP+CAN	3/8	10.0 TPG (m)		U A
8398	COMPOSITE	1/4	6.0 TTG (MC)		U A	1630	COMP+CAN	1/8	3.0 TTG		U A
8399	COMPOSITE	3/8	10.0 TTG		U A	1631	COMP+CAN	5/32	4.0 TTG		U A
8400	COMPOSITE	1/2	12.0 TTG		U A	1632	COMP+CAN	3/16	5.0 TTG		U A
Guardian Fabrication, LLC ; Galax, VA:						1633	COMP+CAN	1/4	6.0 TTG		U A
4612	COMP+CAN	1/8	3.0 TPG (s)		U A	2382	COMP+CAN	5/16	8.0 TTG		U A
8012	COMP+CAN	5/32	4.0 TPG (m)		U A	1634	COMP+CAN	3/8	10.0 TTG		U A
4613	COMP+CAN	3/16	5.0 TPG (m)		U A	Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates:					
8013	COMP+CAN	1/4	6.0 TPG (m)		U A	4796	COMPOSITE	1/4	6.0 TTG (MC)		U A
4627	COMP+CAN	3/8	10.0 TPG (s)		U A	6326	COMPOSITE	5/16	8.0 TTG (MC)		U A
4604	COMP+CAN	1/8	3.0 TTG (MC)		U A	4797	COMPOSITE	3/8	10.0 TTG (MC)		U A
4605	COMP+CAN	5/32	4.0 TTG (MC)		U A	4798	COMPOSITE	*	12.0 TTG (7)(MC)		U A
4606	COMP+CAN	3/16	5.0 TTG (MC)		U A	Haikong Sanxin Haoyang Glass (Jiangmen) Co., Ltd. ; Jiangmen, Guangdong Province:					
4607	COMP+CAN	1/4	6.0 TTG (MC)		U A	9672	COMP+CAN	5/16	8.0 TTG		U A
4609	COMP+CAN	3/8	10.0 TTG		U A	Hangzhou Blue-Sky Safety Glass Co., Ltd. ; Hangzhou, Zhejiang:					
4610	COMP+CAN	1/2	12.0 TTG		U A	8801	COMP+CAN	3/16	5.0 TTG		U A
Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street):						8802	COMP+CAN	1/4	6.0 TTG		U A
8007	COMP+CAN	1/8	3.0 TPG (m)		U A	8803	COMP+CAN	5/16	8.0 TTG		U A
8008	COMP+CAN	5/32	4.0 TPG (m)		U A	8804	COMP+CAN	3/8	10.0 TTG		U A
8009	COMP+CAN	3/16	5.0 TPG (m)		U A	Haojing Holdings Group Limited ; Nantong, Haimen:					
8010	COMP+CAN	1/4	6.0 TPG (m)		U A	8702	COMP+CAN	1/8	3.0 TTG		U A
8011	COMP+CAN	3/8	10.0 TPG (m)		U A	8703	COMP+CAN	1/4	6.0 TTG		U A
8001	COMP+CAN	1/8	3.0 TTG (MC)		U A	8704	COMP+CAN	5/16	8.0 TTG		U A
8002	COMP+CAN	5/32	4.0 TTG (MC)		U A	8705	COMP+CAN	3/8	10.0 TTG		U A
8003	COMP+CAN	3/16	5.0 TTG		U A	8706	COMP+CAN	1/2	12.0 TTG		U A
8004	COMP+CAN	1/4	6.0 TTG (MC)		U A	8707	COMP+CAN	*	15.0 TTG (4)		U A
8091	COMP+CAN	5/16	8.0 TTG		U A	Hartung Glass Industries ; Phoenix, AZ:					
8005	COMP+CAN	3/8	10.0 TTG		U A	6381	COMPOSITE	1/8	3.0 TPG (s)		U A
8006	COMP+CAN	1/2	12.0 TTG		U A	6382	COMPOSITE	3/16	5.0 TPG (m)		U A
Guardian Glass, LLC ; Corsicana, TX:						7994	COMPOSITE	3/8	10.0 TPG (s)		U A
2458	COMP+CAN	1/8	3.0 TPG (m)		U A	6377	COMPOSITE	1/8	3.0 TTG (MC)		U A
2459	COMP+CAN	5/32	4.0 TPG (m)		U A	6378	COMPOSITE	5/32	4.0 TTG (MC)(IN)		U A
2460	COMP+CAN	3/16	5.0 TPG (m)		U A	IN					
1248	COMP+CAN	1/8	3.0 TTG		U A	6379	COMPOSITE	3/16	5.0 TTG (MC)		U A
1249	COMP+CAN	5/32	4.0 TTG		U A	6380	COMPOSITE	1/4	6.0 TTG (MC)		U A
1250	COMP+CAN	3/16	5.0 TTG		U A	7010	COMPOSITE	5/16	8.0 TTG (IN)		U A
1251	COMP+CAN	1/4	6.0 TTG		U A	IN					
Guardian Glass, LLC ; DeWitt, IA:						7011	COMPOSITE	3/8	10.0 TTG		U A
2020	COMP+CAN	1/8	3.0 TTG		U A	7012	COMPOSITE	1/2	12.0 TTG		U A
2021	COMP+CAN	5/32	4.0 TTG		U A	Hartung Glass Industries ; Tukwila, WA:					
2022	COMP+CAN	3/16	5.0 TTG		U A	8868	COMPOSITE	3/16	5.0 TTG (MC)		U A
2023	COMP+CAN	1/4	6.0 TTG		U A	8864	COMPOSITE	1/4	6.0 TTG (MC)		U A
2545	COMP+CAN	3/8	10.0 TTG		U A	8865	COMPOSITE	5/16	8.0 TTG		U A
Guardian Glass, LLC ; Geneva, NY:						8866	COMPOSITE	3/8	10.0 TTG		U A
2259	COMP+CAN	1/8	3.0 TTG		U A	8867	COMPOSITE	1/2	12.0 TTG		U A
2260	COMP+CAN	5/32	4.0 TTG		U A	Hebi HaanGlas Co., Ltd ; Hebi, Henan Province:					
2261	COMP+CAN	3/16	5.0 TTG		U A	9113	COMP+CAN	5/32	4.0 TTG		U A
2262	COMP+CAN	1/4	6.0 TTG		U A	9114	COMP+CAN	3/16	5.0 TTG		U A
3672	COMP+CAN	5/16	8.0 TTG		U A	9115	COMPOSITE	5/16	8.0 VIGT		U A
2519	COMP+CAN	3/8	10.0 TTG		U A	9116	COMPOSITE	3/8	10.0 VIGT		U A
3673	COMP+CAN	1/2	12.0 TTG		U A	Hebi Leadus Special Glass Manufacturing Co., Ltd. ; Hebi, Henan Province:					
Guardian Glass, LLC ; Kingsburg, CA:						9744	COMPOSITE	3/8	10.0 VIGT		U A
1303	COMP+CAN	1/8	3.0 TPG (d)		U A	Hoskin & Muir, Inc ; Louisville, KY:					
1301	COMP+CAN	5/32	4.0 TPG (m)		U A	3872	COMPOSITE	3/16	5.0 TTG		U A
1304	COMP+CAN	3/16	5.0 TPG (m)		U A	3873	COMPOSITE	1/4	6.0 TTG		U A
1882	COMP+CAN	1/4	6.0 TPG (m)		U A	3874	COMPOSITE	3/8	10.0 TTG		U A
968	COMP+CAN	1/8	3.0 TTG		U A	3875	COMPOSITE	1/2	12.0 TTG		U A
969	COMP+CAN	5/32	4.0 TTG		U A						
970	COMP+CAN	3/16	5.0 TTG		U A						
971	COMP+CAN	1/4	6.0 TTG		U A						

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Huahui Glass (China) Co., Ltd. ; Quanzou, Fujian:						8089 COMP+CAN 1/2 12.0 TTG U A					
8944	COMP+CAN	1/8	3.0 TTG		U A	Intigral ; Quakertown, PA:					
8945	COMP+CAN	3/16	5.0 TTG		U A	8199	COMP+CAN	1/8	3.0 TPG (m)		U A
8946	COMP+CAN	1/4	6.0 TTG		U A	8200	COMP+CAN	1/8	3.0 TTG (MC)		U A
8947	COMP+CAN	3/8	10.0 TTG		U A	8201	COMP+CAN	5/32	4.0 TTG (MC)		U A
Imagic Glass Inc. ; Concord, Ontario:						8202 COMP+CAN 3/16 5.0 TTG (MC) U A					
8608	COMP+CAN	1/4	6.0 TTG		U A	Intigral ; Walton Hills, OH:					
8609	COMP+CAN	3/8	10.0 TTG		U A	3631	COMP+CAN	1/8	3.0 TPG (m)		U A
8610	COMP+CAN	1/2	12.0 TTG		U A	4588	COMP+CAN	5/32	4.0 TPG (m)		U A
Imperial Tempered Glass, LLC ; Dallas, TX:						8048 COMP+CAN 3/16 5.0 TPG (m) U A					
9210	COMPOSITE	1/4	6.0 TTG		U A	2050	COMP+CAN	1/8	3.0 TTG (MC)		U A
9211	COMPOSITE	3/8	10.0 TTG		U A	2051	COMP+CAN	5/32	4.0 TTG (MC)		U A
9212	COMPOSITE	1/2	12.0 TTG		U A	2052	COMP+CAN	3/16	5.0 TTG (MC)		U A
Industrial Tempering Glass ; Brooklyn, NY:						Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca:					
8894	COMPOSITE	1/4	6.0 TTG		U A	8800	COMPOSITE	1/4	6.0 TTG		U A
3418	COMPOSITE	3/8	10.0 TTG		U A	Isoclima Specialty Glass, LLC ; Blairsville, PA:					
3419	COMPOSITE	1/2	12.0 TTG		U A	3018	COMPOSITE	1/2	12.0 TTG		U A
8294	COMPOSITE	5/8	16.0 TTG		U A	ITI Glass Company ; Bel Aire, KS:					
4240	COMPOSITE	3/4	19.0 TTG		U A	8776	COMP+CAN	1/8	3.0 TTG (MC)		U A
Industries Vanier Inc. ; Anjou, Quebec:						8844 COMP+CAN 3/16 5.0 TTG U A					
9270	COMP+CAN	1/8	3.0 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&Y Glass Services ; Naples, FL:					
9274	COMP+CAN	3/8	10.0 TTG		U A	8077	COMP+CAN	1/4	6.0 TTG		U A
9275	COMP+CAN	1/2	12.0 TTG		U A	8078	COMP+CAN	3/8	10.0 TTG		U A
Inkan Ltd ; Brampton, Ontario:						8079 COMP+CAN 1/2 12.0 TTG U A					
5135	COMP+CAN	1/4	6.0 TTG		U A	J.C. Moag Corporation ; Georgetown, IN:					
5136	COMP+CAN	5/16	8.0 TTG		U A	8939	COMP+CAN	3/16	5.0 TTG		U A
5137	COMP+CAN	3/8	10.0 TTG		U A	8940	COMP+CAN	1/4	6.0 TTG		U A
5138	COMP+CAN	1/2	12.0 TTG		U A	8941	COMP+CAN	3/8	10.0 TTG		U A
5139	COMP+CAN	5/8	16.0 TTG		U A	8942	COMP+CAN	1/2	12.0 TTG		U A
5140	COMP+CAN	3/4	19.0 TTG		U A	JAR Tempering Inc. ; Hialeah, FL:					
Innovative Glass Products LLC ; Carrollton, TX:						8512 COMPOSITE 3/16 5.0 TTG U A					
7062	COMPOSITE	1/8	3.0 TTG (MC)		U A	8513	COMPOSITE	1/4	6.0 TTG		U A
7063	COMPOSITE	5/32	4.0 TTG		U A	8514	COMPOSITE	3/8	10.0 TTG		U A
7064	COMPOSITE	3/16	5.0 TTG (MC)		U A	8515	COMPOSITE	1/2	12.0 TTG		U A
7065	COMPOSITE	1/4	6.0 TTG		U A	Jasan Fabricated Glass, Inc. ; Vernon, CA:					
8862	COMPOSITE	3/8	10.0 TTG (IN)		U A	9101	COMPOSITE	5/32	4.0 TTG		U A
IN						9102 COMPOSITE 3/16 5.0 TTG U A					
Insulite Glass Co., Inc. ; Olathe, KS:						9103 COMPOSITE 1/4 6.0 TTG U A					
4473	COMPOSITE	1/8	3.0 TTG (MC)		U A	9104	COMPOSITE	5/16	8.0 TTG		U A
4474	COMPOSITE	5/32	4.0 TTG		U A	9105	COMPOSITE	3/8	10.0 TTG		U A
3714	COMPOSITE	3/16	5.0 TTG (MC)		U A	9106	COMPOSITE	1/2	12.0 TTG		U A
3715	COMPOSITE	1/4	6.0 TTG (MC)		U A	9107	COMPOSITE	3/4	19.0 TTG (IN)		U A
9093	COMPOSITE	5/16	8.0 TTG		U A	IN					
3716	COMPOSITE	3/8	10.0 TTG		U A	Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen, Guangdong Province:					
3717	COMPOSITE	1/2	12.0 TTG		U A	7574	COMP+CAN	3/16	5.0 TTG		U A
Integral Seal Mfg. Inc. ; Concord, Ontario:						7575 COMP+CAN 1/4 6.0 TTG U A					
4682	COMP+CAN	5/32	4.0 TTG		U A	7576	COMP+CAN	5/16	8.0 TTG		U A
4683	COMP+CAN	3/16	5.0 TTG		U A	7577	COMP+CAN	3/8	10.0 TTG		U A
4684	COMP+CAN	1/4	6.0 TTG (MC)		U A	7578	COMP+CAN	*	12.0 TTG (4)		U A
Integrity Glass Tempering, LLC. ; Venice , FL:						Jiangmen Junfa Safety Glass Co., Ltd. ; Jiangmen, Guangdong Province:					
7097	COMPOSITE	3/16	5.0 TPG (m)		U A	8797	COMP+CAN	3/8	10.0 TTG		U A
6666	COMPOSITE	3/16	5.0 TTG		U A	Jiangmen SYP Engineering Glass Co, Ltd. ; Jiangmen, Guangdong Province:					
6635	COMPOSITE	1/4	6.0 TTG		U A	5052	COMP+CAN	1/4	6.0 TBG (IN)		U A
6636	COMPOSITE	3/8	10.0 TTG		U A	IN					
6637	COMPOSITE	1/2	12.0 TTG		U A	5053	COMP+CAN	5/16	8.0 TBG (IN)		U A
Inter Fonction Ltee ; Sherbrooke, Quebec:						IN					
8470	COMP+CAN	5/32	4.0 TTG		U A	5054	COMP+CAN	3/8	10.0 TBG (IN)		U A
8471	COMP+CAN	1/4	6.0 TTG		U A	IN					
8489	COMP+CAN	5/16	8.0 TTG		U A	IN					
7235	COMP+CAN	3/8	10.0 TTG		U A	IN					

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5055	COMP+CAN	1/2	12.0 TBG (IN)		U A	8268	COMPOSITE	5/16	8.0 TTG		U A
IN						8269	COMPOSITE	3/8	10.0 TTG		U A
4303	COMP+CAN	5/32	4.0 TTG (IN)		U A	8270	COMPOSITE	1/2	12.0 TTG		U A
IN						8271	COMPOSITE	5/8	16.0 TTG		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	8272	COMPOSITE	3/4	19.0 TTG		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	Kohler Company ; Union City, TN:					
4306	COMP+CAN	5/16	8.0 TTG		U A	1983	COMP+CAN	1/8	3.0 TPG (m)		U A
4307	COMP+CAN	3/8	10.0 TTG		U A	3532	COMP+CAN	5/32	4.0 TPG (m)		U A
4308	COMP+CAN	1/2	12.0 TTG		U A	1984	COMP+CAN	3/16	5.0 TPG (s)		U A
4309	COMP+CAN	*	15.0 TTG (4)		U A	2918	COMPOSITE	1/4	6.0 TPG (m)(IN)		U A
4310	COMP+CAN	3/4	19.0 TTG		U A	IN					
Jiangsu Chungse Glass Co., Ltd. ; Nantong, Jiangsu:						1979	COMP+CAN	1/8	3.0 TTG		U A
7527	COMPOSITE	1/8	3.0 TTG		U A	1980	COMP+CAN	5/32	4.0 TTG		U A
Jiangyin Mingyang Glass Production ; Wuxi, Jiangsu:						1981	COMP+CAN	3/16	5.0 TTG		U A
7258	COMP+CAN	1/4	6.0 TBG		U A	1982	COMP+CAN	1/4	6.0 TTG		U A
6478	COMPOSITE	5/32	4.0 TPG (m)		U A	4668	COMP+CAN	5/16	8.0 TTG		U A
6479	COMPOSITE	3/16	5.0 TPG (m)		U A	2434	COMP+CAN	3/8	10.0 TTG		U A
7870	COMP+CAN	1/4	6.0 TPG (s)		U A	4012	COMP+CAN	1/2	12.0 TTG		U A
5777	COMPOSITE	*	3.0 TTG (3)		U A	KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliiko Chalkida, Greece:					
5778	COMP+CAN	5/32	4.0 TTG		U A	8732	COMP+CAN	5/32	4.0 TTG (MC)		U A
7598	COMPOSITE	3/16	5.0 TTG		U A	8733	COMP+CAN	3/16	5.0 TTG (MC)		U A
5779	COMP+CAN	1/4	6.0 TTG		U A	8734	COMP+CAN	1/4	6.0 TTG (MC)		U A
5780	COMP+CAN	5/16	8.0 TTG		U A	8735	COMP+CAN	5/16	8.0 TTG (MC)		U A
6203	COMPOSITE	3/8	10.0 TTG		U A	8736	COMP+CAN	3/8	10.0 TTG (MC)		U A
Jinzhou Fortune Spring Glass Co., Ltd. ; Jinzhou, Liaoning:						8738	COMP+CAN	1/2	12.0 TTG (MC)		U A
7268	COMP+CAN	1/8	3.0 TTG		U A	La Tecnica Nel Vetro SpA ; Scafati, Salerno:					
JM Glass ; Hayward, CA:						7174	COMP+CAN	3/16	5.0 TTG		U A
4928	COMPOSITE	3/16	5.0 TTG		U A	7168	COMP+CAN	1/4	6.0 TTG		U A
4929	COMPOSITE	1/4	6.0 TTG		U A	7167	COMP+CAN	5/16	8.0 TTG		U A
4930	COMPOSITE	3/8	10.0 TTG		U A	7166	COMP+CAN	3/8	10.0 TTG		U A
4931	COMPOSITE	1/2	12.0 TTG		U A	7165	COMP+CAN	1/2	12.0 TTG		U A
Jubilee Company ; Princeton, TX:						Laurier Architectural ; Laurier-Station, Quebec:					
8428	COMPOSITE	1/4	6.0 TTG		U A	8121	COMP+CAN	5/32	4.0 TTG (MC)		U A
8429	COMPOSITE	3/8	10.0 TTG		U A	8122	COMP+CAN	3/16	5.0 TTG (MC)		U A
JYC Glass Co. Ltd. ; Foshan, Guangdong Province:						8123	COMP+CAN	1/4	6.0 TTG (MC)		U A
3991	COMP+CAN	5/32	4.0 TBG		U A	8124	COMP+CAN	3/8	10.0 TTG		U A
3992	COMP+CAN	3/16	5.0 TBG		U A	8125	COMP+CAN	1/2	12.0 TTG		U A
3993	COMP+CAN	1/4	6.0 TBG		U A	Les Verres VMIK Inc. ; Gatineau, Quebec:					
3994	COMP+CAN	5/16	8.0 TBG		U A	6893	COMP+CAN	5/32	4.0 TTG		U A
6619	COMP+CAN	3/16	5.0 TBP (s)		U A	6894	COMP+CAN	3/16	5.0 TTG		U A
6620	COMP+CAN	1/4	6.0 TBP (s)		U A	6895	COMP+CAN	1/4	6.0 TTG		U A
4161	COMP+CAN	5/32	4.0 TPG (s)		U A	6896	COMP+CAN	3/8	10.0 TTG		U A
6621	COMP+CAN	3/16	5.0 TPG (s)		U A	6897	COMP+CAN	1/2	12.0 TTG		U A
6622	COMP+CAN	1/4	6.0 TPG (s)		U A	Lien Yeu GLASSTECH (M) SDN BHD ; Muar, Johor:					
3957	COMP+CAN	1/8	3.0 TTG		U A	7358	COMP+CAN	5/32	4.0 TTG		U A
3958	COMP+CAN	5/32	4.0 TTG		U A	7359	COMP+CAN	3/16	5.0 TTG		U A
3959	COMP+CAN	3/16	5.0 TTG		U A	7360	COMP+CAN	1/4	6.0 TTG		U A
3960	COMP+CAN	1/4	6.0 TTG		U A	7361	COMP+CAN	5/16	8.0 TTG		U A
3961	COMP+CAN	5/16	8.0 TTG		U A	7362	COMP+CAN	3/8	10.0 TTG		U A
3962	COMP+CAN	3/8	10.0 TTG		U A	8038	COMP+CAN	*	12.0 TTG (3)		U A
3963	COMP+CAN	1/2	12.0 TTG		U A	Lippert Components ; Bristol, IN:					
KAMRI Investments Limited ; Marabella, West Indies:						8061	COMP+CAN	1/8	3.0 TTG (MC)		U A
8932	COMPOSITE	1/4	6.0 TTG		U A	8062	COMP+CAN	1/4	6.0 TTG		U A
8933	COMPOSITE	3/8	10.0 TTG		U A	LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong Province:					
8934	COMPOSITE	1/2	12.0 TTG		U A	8333	COMPOSITE	3/8	10.0 TPG (m)		U A
Kensington Glass Arts ; Ijamsville, MD:						8619	COMPOSITE	1/8	3.0 TTG		U A
5973	COMPOSITE	1/4	6.0 TTG		U A	8175	COMPOSITE	3/16	5.0 TTG		U A
5974	COMPOSITE	3/8	10.0 TTG		U A	8176	COMPOSITE	1/4	6.0 TTG		U A
5975	COMPOSITE	1/2	12.0 TTG		U A	8177	COMPOSITE	5/16	8.0 TTG		U A
5976	COMPOSITE	5/8	16.0 TTG		U A	8178	COMPOSITE	3/8	10.0 TTG		U A
5977	COMPOSITE	3/4	19.0 TTG		U A	Louisville Plate Glass ; Louisville, KY:					
Kensington Glass Arts ; Sterling, VA:						6070	COMPOSITE	1/8	3.0 TTG (MC)		U A
8266	COMPOSITE	3/16	5.0 TTG		U A	6072	COMPOSITE	3/16	5.0 TTG (MC)		U A
8557	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
6073	COMPOSITE	1/4	6.0 TTG (MC)		U A	Manko Window Systems- KS ; Manhattan, KS:					
6074	COMPOSITE	3/8	10.0 TTG		U A	6833	COMPOSITE	1/8	3.0 TPG (s)		U A
6075	COMPOSITE	1/2	12.0 TTG		U A	6834	COMPOSITE	3/16	5.0 TPG (m)		U A
LTI Smart Glass, Inc. ; Pittsfield, MA:						6835	COMPOSITE	1/4	6.0 TPG (m)		U A
7079	COMP+CAN	1/8	3.0 TTG		U A	6836	COMPOSITE	3/8	10.0 TPG (m)		U A
6922	COMP+CAN	3/16	5.0 TTG (MC)		U A	8928	COMPOSITE	1/8	3.0 TTG		U A
6923	COMP+CAN	1/4	6.0 TTG (MC)		U A	6826	COMPOSITE	5/32	4.0 TTG		U A
6924	COMP+CAN	5/16	8.0 TTG		U A	6827	COMPOSITE	3/16	5.0 TTG (MC)		U A
6925	COMP+CAN	3/8	10.0 TTG		U A	6828	COMPOSITE	1/4	6.0 TTG (MC)		U A
6926	COMP+CAN	1/2	12.0 TTG		U A	6829	COMPOSITE	3/8	10.0 TTG		U A
Luoyang LandGlass Technology Co., LTD ; Luoyang, Henan:						6830	COMPOSITE	1/2	12.0 TTG		U A
7622	COMPOSITE	5/16	8.0 VIGT (MC)		U A	Manko Windows ; Des Moines, IA:					
6476	COMPOSITE	3/8	10.0 VIGT (MC)		U A	6292	COMPOSITE	1/8	3.0 TPG (m)		U A
LuxWall, Inc. ; Litchfield, MI:						6293	COMPOSITE	5/32	4.0 TPG (m)		U A
9289	COMP+CAN	5/32	4.0 TTG (MC)		U A	6294	COMPOSITE	3/16	5.0 TPG (d)		U A
9290	COMP+CAN	3/16	5.0 TTG (MC)		U A	6295	COMPOSITE	1/4	6.0 TPG (m)		U A
M & F Home Solutions LLC. ; Tampa, FL:						6296	COMPOSITE	3/8	10.0 TPG (m)		U A
9149	COMPOSITE	1/4	6.0 TTG		U A	6286	COMPOSITE	1/8	3.0 TTG (MC)		U A
9150	COMPOSITE	3/8	10.0 TTG		U A	6287	COMPOSITE	5/32	4.0 TTG		U A
9276	COMPOSITE	1/2	12.0 TTG		U A	6288	COMPOSITE	3/16	5.0 TTG (MC)		U A
M Industria S.A. DE C.V. ; Conkal, Yucatan:						6289	COMPOSITE	1/4	6.0 TTG (MC)		U A
8950	COMP+CAN	3/16	5.0 TBG (MC)		U A	6290	COMPOSITE	3/8	10.0 TTG		U A
8054	COMP+CAN	1/4	6.0 TBG (MC)		U A	6291	COMPOSITE	1/2	12.0 TTG		U A
8951	COMP+CAN	5/16	8.0 TBG (MC)		U A	Maryland Glass & Mirror ; Baltimore, MD:					
8055	COMP+CAN	3/8	10.0 TBG (MC)		U A	4318	COMPOSITE	1/8	3.0 TTG (MC)		U A
8056	COMP+CAN	1/2	12.0 TBG		U A	4319	COMPOSITE	3/16	5.0 TTG		U A
8952	COMP+CAN	3/4	19.0 TBG		U A	4320	COMPOSITE	1/4	6.0 TTG (MC)		U A
7708	COMP+CAN	1/8	3.0 TTG (MC)		U A	8066	COMPOSITE	5/16	8.0 TTG		U A
7709	COMP+CAN	5/32	4.0 TTG (MC)		U A	4321	COMPOSITE	3/8	10.0 TTG		U A
7682	COMP+CAN	3/16	5.0 TTG (MC)		U A	4322	COMPOSITE	1/2	12.0 TTG		U A
7683	COMP+CAN	1/4	6.0 TTG (MC)		U A	7022	COMPOSITE	3/4	19.0 TTG		U A
7684	COMP+CAN	5/16	8.0 TTG (MC)		U A	McGrory Glass ; Paulsboro, NJ:					
7685	COMP+CAN	3/8	10.0 TTG (MC)		U A	9266	COMPOSITE	1/4	6.0 TPG (m)		U A
7686	COMP+CAN	1/2	12.0 TTG		U A	4819	COMPOSITE	3/8	10.0 TPG (s)		U A
7687	COMP+CAN	3/4	19.0 TTG		U A	4820	COMPOSITE	1/2	12.0 TPG (s)(IN)		U A
M&M Tempering Inc. ; Loganville, GA:						IN					
4280	COMPOSITE	1/4	6.0 TTG		U A	4925	COMPOSITE	3/16	5.0 TTG		U A
4281	COMPOSITE	3/8	10.0 TTG		U A	4813	COMPOSITE	1/4	6.0 TTG		U A
4282	COMPOSITE	1/2	12.0 TTG		U A	4814	COMPOSITE	3/8	10.0 TTG		U A
M3 Glass Technologies ; Irving, TX:						4815	COMPOSITE	1/2	12.0 TTG		U A
8954	COMPOSITE	1/4	6.0 TTG		U A	4816	COMPOSITE	5/8	16.0 TTG		U A
5946	COMPOSITE	3/8	10.0 TTG		U A	4817	COMPOSITE	3/4	19.0 TTG		U A
5947	COMPOSITE	1/2	12.0 TTG		U A	Mercer Glass Fab LLC ; Trenton, NJ:					
Majestic Glass Inc. ; Hialeah, FL:						4257	COMPOSITE	1/4	6.0 TPG (m)		U A
8582	COMPOSITE	1/4	6.0 TTG		U A	4258	COMPOSITE	3/8	10.0 TPG (m)		U A
8583	COMPOSITE	3/8	10.0 TTG		U A	7671	COMPOSITE	1/4	6.0 TTG		U A
8584	COMPOSITE	1/2	12.0 TTG		U A	4530	COMPOSITE	5/16	8.0 TTG		U A
Making Glass North America Inc. ; Laval, Quebec:						4255	COMPOSITE	3/8	10.0 TTG		U A
9033	COMP+CAN	3/16	5.0 TTG		U A	4256	COMPOSITE	1/2	12.0 TTG		U A
9034	COMP+CAN	1/4	6.0 TTG		U A	Mid-American Glass ; Davenport, IA:					
9035	COMP+CAN	5/16	8.0 TTG		U A	7227	COMPOSITE	1/8	3.0 TTG (MC)		U A
8926	COMP+CAN	3/8	10.0 TTG		U A	7228	COMPOSITE	5/32	4.0 TTG		U A
8927	COMP+CAN	1/2	12.0 TTG		U A	7229	COMPOSITE	3/16	5.0 TTG (MC)		U A
Manko Window Systems ; Aurora, CO:						7230	COMPOSITE	1/4	6.0 TTG (MC)		U A
6275	COMPOSITE	1/8	3.0 TTG (MC)(IN)		U A	7231	COMPOSITE	3/8	10.0 TTG		U A
IN						7232	COMPOSITE	1/2	12.0 TTG		U A
6276	COMPOSITE	5/32	4.0 TTG (IN)		U A	Midwest Glass Fabricators Inc. ; Highland, MI:					
IN						7920	COMP+CAN	3/16	5.0 TPG (m)		U A
6277	COMPOSITE	3/16	5.0 TTG (MC)		U A	7921	COMP+CAN	1/4	6.0 TPG (s)		U A
6278	COMPOSITE	1/4	6.0 TTG (MC)		U A	6037	COMP+CAN	3/8	10.0 TPG (m)		U A
6279	COMPOSITE	3/8	10.0 TTG		U A	6027	COMP+CAN	1/8	3.0 TTG (MC)		U A
6280	COMPOSITE	1/2	12.0 TTG		U A	6028	COMP+CAN	5/32	4.0 TTG		U A
						6029	COMP+CAN	3/16	5.0 TTG (MC)		U A
						6030	COMP+CAN	1/4	6.0 TTG (MC)		U A
						6031	COMP+CAN	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
6032	COMP+CAN	1/2	12.0 TTG		U A	1417	COMP+CAN	1/4	6.0 TTG		U A
6033	COMP+CAN	5/8	16.0 TTG		U A	5729	COMP+CAN	5/16	8.0 TTG		U A
6034	COMP+CAN	3/4	19.0 TTG		U A	2494	COMP+CAN	3/8	10.0 TTG		U A
Milkana OOD ; Plevan Center, Plevan:						Nashville Tempered Glass LLC ; Hendersonville, TN:					
8922	COMP+CAN	5/32	4.0 TTG		U A	2691	COMP+CAN	5/32	4.0 TTG (MC)		U A
8923	COMP+CAN	1/4	6.0 TTG (MC)		U A	2692	COMP+CAN	3/16	5.0 TTG (MC)		U A
8924	COMP+CAN	5/16	8.0 TTG (MC)		U A	2693	COMP+CAN	1/4	6.0 TTG (MC)		U A
8925	COMP+CAN	3/8	10.0 TTG		U A	7980	COMP+CAN	5/16	8.0 TTG (MC)		U A
Minneapolis Glass Company ; Minneapolis, MN:						2694 COMP+CAN 3/8 10.0 TTG (MC) U A					
9265	COMP+CAN	5/32	4.0 TPG (m)		U A	4148	COMP+CAN	1/2	12.0 TTG		U A
9260	COMP+CAN	1/8	3.0 TTG		U A	New Angle Beveling ; Clearfield, PA:					
9261	COMP+CAN	3/16	5.0 TTG		U A	5772	COMPOSITE	1/8	3.0 TTG (MC)		U A
9262	COMP+CAN	1/4	6.0 TTG		U A	5774	COMPOSITE	3/16	5.0 TTG (MC)		U A
9263	COMP+CAN	3/8	10.0 TTG		U A	5773	COMPOSITE	1/4	6.0 TTG (MC)		U A
9264	COMP+CAN	1/2	12.0 TTG		U A	5775	COMPOSITE	3/8	10.0 TTG		U A
9691	COMP+CAN	3/4	19.0 TTG		U A	5776	COMPOSITE	1/2	12.0 TTG		U A
Mirror Works Inc. ; Ottawa, Ontario:						New Angle Beveling ; Hyde, PA:					
8165	COMP+CAN	3/16	5.0 TTG		U A	4593	COMPOSITE	1/8	3.0 TTG		U A
8166	COMP+CAN	1/4	6.0 TTG		U A	4594	COMPOSITE	3/16	5.0 TTG		U A
8167	COMP+CAN	3/8	10.0 TTG		U A	4595	COMPOSITE	1/4	6.0 TTG		U A
8168	COMP+CAN	1/2	12.0 TTG		U A	4591	COMPOSITE	3/8	10.0 TTG		U A
Mitrex Inc. ; Toronto, Ontario:						4592 COMPOSITE 1/2 12.0 TTG U A					
9045	COMP+CAN	1/8	3.0 TTG		U A	New Century Glass & Aluminum LLC ; Woodside, NY:					
Mr. Glass LLC. ; Philadelphia, PA:						5455 COMPOSITE 3/16 5.0 TTG U A					
7821	COMPOSITE	*	5.0 TBG (4)(IN)		U A	5456	COMPOSITE	1/4	6.0 TTG (MC)		U A
IN						5457	COMPOSITE	3/8	10.0 TTG		U A
7822	COMPOSITE	1/4	6.0 TBG (IN)		U A	5458	COMPOSITE	1/2	12.0 TTG		U A
IN						Ningbo Runner Industrial Corporation ; Ningbo, Zhejiang:					
7823	COMPOSITE	3/8	10.0 TBG (IN)		U A	8597	COMP+CAN	7/32	6.0 TPG (s)(IN)		U A
IN						IN					
7824	COMPOSITE	1/2	12.0 TBG (IN)		U A	8598	COMP+CAN	3/8	10.0 TPG (IN)(s)		U A
IN						IN					
7693	COMPOSITE	3/16	5.0 TTG (MC)(IN)		U A	8591	COMP+CAN	5/32	4.0 TTG		U A
IN						8592	COMP+CAN	3/16	5.0 TTG		U A
7660	COMPOSITE	1/4	6.0 TTG (MC)(IN)		U A	8593	COMP+CAN	1/4	6.0 TTG		U A
IN						8594	COMP+CAN	5/16	8.0 TTG		U A
9100	COMPOSITE	3/8	10.0 TTG (IN)		U A	8595	COMP+CAN	3/8	10.0 TTG		U A
IN						8596	COMP+CAN	1/2	12.0 TTG (3)		U A
7662	COMPOSITE	1/2	12.0 TTG (IN)		U A	Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang:					
IN						6273	COMPOSITE	5/32	4.0 TPG (m)(IN)		U A
7864	COMPOSITE	*	15.0 TTG (4)(IN)		U A	IN					
IN						6274	COMPOSITE	1/4	6.0 TPG (s)		U A
7865	COMPOSITE	3/4	19.0 TTG (IN)		U A	6845	COMPOSITE	3/8	10.0 TPG (s)		U A
IN						6271	COMPOSITE	5/32	4.0 TTG (IN)		U A
Mr. Glass Tempering, LLC ; Brooklyn, NY:						IN U A					
7170	COMP+CAN	3/16	5.0 TTG (MC)		U A	6272	COMPOSITE	1/4	6.0 TTG		U A
7171	COMP+CAN	1/4	6.0 TTG (MC)		U A	8828	COMPOSITE	5/16	8.0 TTG		U A
7172	COMP+CAN	3/8	10.0 TTG		U A	7873	COMPOSITE	3/8	10.0 TTG		U A
7173	COMP+CAN	1/2	12.0 TTG		U A	Niskayuna Glass ; Schenectady, NY:					
Multiver ; Vanier, Quebec:						7471 COMP+CAN 1/8 3.0 TTG U A					
2498	COMP+CAN	1/8	3.0 TTG (MC)		U A	7472	COMP+CAN	3/16	5.0 TTG		U A
2629	COMP+CAN	5/32	4.0 TTG (MC)		U A	7473	COMP+CAN	1/4	6.0 TTG		U A
6890	COMP+CAN	3/16	5.0 TTG		U A	Nissink Business Glass BV ; IJsselmuider, Overijssel:					
2499	COMP+CAN	1/4	6.0 TTG (MC)		U A	8414	COMP+CAN	1/4	6.0 TBG		U A
5226	COMP+CAN	5/16	8.0 TTG (MC)		U A	8415	COMP+CAN	5/16	8.0 TTG		U A
5227	COMP+CAN	3/8	10.0 TTG (MC)		U A	8416	COMP+CAN	3/8	10.0 TTG		U A
5228	COMP+CAN	1/2	12.0 TTG		U A	NOLA Showers, L.L.C. ; New Orleans, LA:					
Multiver Ltee ; Saint-Leonard, Quebec:						8487 COMPOSITE 3/8 10.0 TTG U A					
8547	COMP+CAN	5/32	4.0 TTG		U A	8488	COMPOSITE	1/2	12.0 TTG		U A
6978	COMP+CAN	3/16	5.0 TTG		U A	Norfinch Glass & Mirror Mfg. Ltd. ; Etobicoke, Ontario:					
8548	COMP+CAN	1/4	6.0 TTG		U A	8252	COMP+CAN	1/4	6.0 TTG		U A
6980	COMP+CAN	3/8	10.0 TTG		U A	8253	COMP+CAN	3/8	10.0 TTG		U A
Nashville Tempered Glass Corp. ; Nashville, TN:						8254 COMP+CAN 1/2 12.0 TTG U A					
1416	COMP+CAN	1/8	3.0 TTG (MC)		U A						
2497	COMP+CAN	5/32	4.0 TTG		U A						
1467	COMP+CAN	3/16	5.0 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
Northwestern Glass Fab ; Fridley, MN:						Oldcastle BuildingEnvelope® ; Concord, Ontario:					
6733	COMP+CAN	1/8	3.0 TTG (MC)		U A	4424	COMP+CAN	3/16	5.0 TPG (s)		U A
8840	COMP+CAN	5/32	4.0 TTG (MC)		U A	3440	COMP+CAN	5/32	4.0 TTG		U A
6734	COMP+CAN	3/16	5.0 TTG (MC)		U A	3441	COMP+CAN	3/16	5.0 TTG		U A
6735	COMP+CAN	1/4	6.0 TTG (MC)		U A	3442	COMP+CAN	1/4	6.0 TTG (MC)		U A
6736	COMP+CAN	3/8	10.0 TTG (MC)		U A	3443	COMP+CAN	5/16	8.0 TTG		U A
6737	COMP+CAN	1/2	12.0 TTG (MC)		U A	3444	COMP+CAN	3/8	10.0 TTG		U A
Northwestern Industries - Arizona, Inc. ; Yuma, AZ:						Oldcastle BuildingEnvelope® ; Covington, GA:					
6566	COMPOSITE	3/16	5.0 TTG (MC)		U A	3331	COMP+CAN	3/16	5.0 TTG (MC)		U A
6567	COMPOSITE	1/4	6.0 TTG (MC)		U A	3332	COMP+CAN	1/4	6.0 TTG (MC)		U A
6568	COMPOSITE	5/16	8.0 TTG		U A	8407	COMP+CAN	5/16	8.0 TTG		U A
6569	COMPOSITE	3/8	10.0 TTG		U A	3333	COMP+CAN	3/8	10.0 TTG (MC)		U A
Novatech Canada Inc. ; St-Agapit, Quebec:						Oldcastle BuildingEnvelope® ; Denver, CO:					
7006	COMP+CAN	1/8	3.0 TTG (MC)		U A	3334	COMP+CAN	1/2	12.0 TTG		U A
7007	COMP+CAN	5/32	4.0 TTG (MC)		U A	4390	COMP+CAN	5/8	16.0 TTG		U A
7008	COMP+CAN	3/16	5.0 TTG (MC)		U A	3335	COMP+CAN	3/4	19.0 TTG		U A
8478	COMP+CAN	1/4	6.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Fremont, CA:					
Novavetro S.r.l. ; San Severino Marche, Italy:						Oldcastle BuildingEnvelope® ; Grand Prairie, TX:					
7768	COMP+CAN	3/16	5.0 TTG		U A	3317	COMP+CAN	1/8	3.0 TPG (s)		U A
7769	COMP+CAN	1/4	6.0 TTG (MC)		U A	3318	COMP+CAN	5/32	4.0 TPG (d)		U A
7770	COMP+CAN	5/16	8.0 TTG (MC)		U A	3319	COMP+CAN	3/16	5.0 TPG (m)		U A
7771	COMP+CAN	3/8	10.0 TTG (MC)		U A	3321	COMP+CAN	3/8	10.0 TPG (m)		U A
7772	COMP+CAN	1/2	12.0 TTG		U A	3310	COMP+CAN	1/8	3.0 TTG (MC)		U A
7773	COMP+CAN	*	15.0 TTG (4)		U A	3311	COMP+CAN	5/32	4.0 TTG		U A
Oldcastle BuildingEnvelope® ; Albertville, MN:						Oldcastle BuildingEnvelope® ; Houston, TX:					
3127	COMP+CAN	3/8	10.0 TPG (m)		U A	7914	COMPOSITE	3/16	5.0 TPG (s)		U A
3104	COMP+CAN	1/8	3.0 TTG (MC)		U A	7915	COMPOSITE	3/8	10.0 TPG (s)		U A
3105	COMP+CAN	5/32	4.0 TTG (MC)		U A	7909	COMPOSITE	5/32	4.0 TTG		U A
3106	COMP+CAN	3/16	5.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
3107	COMP+CAN	1/4	6.0 TTG (MC)		U A	1546	COMP+CAN	1/8	3.0 TTG (MC)		U A
4882	COMP+CAN	5/16	8.0 TTG		U A	1547	COMP+CAN	3/16	5.0 TTG (MC)		U A
3108	COMP+CAN	3/8	10.0 TTG		U A	1548	COMP+CAN	1/4	6.0 TTG (MC)		U A
3109	COMP+CAN	1/2	12.0 TTG		U A	4180	COMP+CAN	5/16	8.0 TTG		U A
3110	COMP+CAN	5/8	16.0 TTG		U A	1549	COMP+CAN	3/8	10.0 TTG		U A
3111	COMP+CAN	3/4	19.0 TTG		U A	1550	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Battle Ground, WA:						Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
3226	COMP+CAN	1/8	3.0 TPG (s)		U A	1546	COMP+CAN	1/8	3.0 TTG (MC)		U A
7424	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A	1547	COMP+CAN	3/16	5.0 TTG (MC)		U A
IN						1548	COMP+CAN	1/4	6.0 TTG (MC)		U A
3228	COMP+CAN	3/16	5.0 TPG (m)		U A	4180	COMP+CAN	5/16	8.0 TTG		U A
3229	COMP+CAN	1/4	6.0 TPG (m)		U A	1549	COMP+CAN	3/8	10.0 TTG		U A
3230	COMP+CAN	3/8	10.0 TPG (m)		U A	1550	COMP+CAN	1/2	12.0 TTG		U A
3219	COMP+CAN	1/8	3.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
3220	COMP+CAN	5/32	4.0 TTG (MC)		U A	1546	COMP+CAN	1/8	3.0 TTG (MC)		U A
3221	COMP+CAN	3/16	5.0 TTG (MC)		U A	1547	COMP+CAN	3/16	5.0 TTG (MC)		U A
3222	COMP+CAN	1/4	6.0 TTG (MC)		U A	1548	COMP+CAN	1/4	6.0 TTG (MC)		U A
3223	COMP+CAN	5/16	8.0 TTG (IN)		U A	4180	COMP+CAN	5/16	8.0 TTG		U A
IN						1549	COMP+CAN	3/8	10.0 TTG		U A
3224	COMP+CAN	3/8	10.0 TTG		U A	1550	COMP+CAN	1/2	12.0 TTG		U A
3225	COMP+CAN	1/2	12.0 TTG		U A	Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
Oldcastle BuildingEnvelope® ; Calgary, Alberta:						Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
3273	COMP+CAN	5/32	4.0 TPG (d)		U A	1546	COMP+CAN	1/8	3.0 TTG (MC)		U A
3274	COMP+CAN	3/16	5.0 TPG (d)		U A	1547	COMP+CAN	3/16	5.0 TTG (MC)		U A
3275	COMP+CAN	1/4	6.0 TPG (m)		U A	1548	COMP+CAN	1/4	6.0 TTG (MC)		U A
3262	COMP+CAN	3/8	10.0 TPG (d)		U A	4180	COMP+CAN	5/16	8.0 TTG		U A
3263	COMP+CAN	1/8	3.0 TTG (MC)		U A	1549	COMP+CAN	3/8	10.0 TTG		U A
3264	COMP+CAN	5/32	4.0 TTG (MC)		U A	1550	COMP+CAN	1/2	12.0 TTG		U A
3265	COMP+CAN	3/16	5.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Hauppauge, NY:					
3266	COMP+CAN	1/4	6.0 TTG (MC)		U A	1546	COMP+CAN	1/8	3.0 TTG (MC)		U A
3267	COMP+CAN	5/16	8.0 TTG		U A	1547	COMP+CAN	3/16	5.0 TTG (MC)		U A
3268	COMP+CAN	3/8	10.0 TTG (MC)		U A	1548	COMP+CAN	1/4	6.0 TTG (MC)		U A
3269	COMP+CAN	1/2	12.0 TTG		U A	4180	COMP+CAN	5/16	8.0 TTG		U A
3270	COMP+CAN	5/8	16.0 TTG		U A	1549	COMP+CAN	3/8	10.0 TTG		U A
3271	COMP+CAN	3/4	19.0 TTG		U A	1550	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
7910	COMPOSITE	3/16	5.0 TTG		U A	4054	COMP+CAN	5/8	16.0 TTG		U A
6728	COMPOSITE	1/4	6.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Perrysburg, OH:					
7911	COMPOSITE	5/16	8.0 TTG		U A	3243	COMP+CAN	3/16	5.0 TPG (s)		U A
6729	COMPOSITE	3/8	10.0 TTG		U A	3244	COMP+CAN	1/4	6.0 TPG (m)		U A
6730	COMPOSITE	1/2	12.0 TTG		U A	3233	COMP+CAN	1/8	3.0 TTG (MC)		U A
7912	COMPOSITE	5/8	16.0 TTG		U A	3234	COMP+CAN	5/32	4.0 TTG (IN)		U A
7913	COMPOSITE	3/4	19.0 TTG		U A	IN					
Oldcastle BuildingEnvelope® ; Indianapolis, IN:						3235	COMP+CAN	3/16	5.0 TTG (MC)		U A
2215	COMP+CAN	3/16	5.0 TPG (m)		U A	3236	COMP+CAN	1/4	6.0 TTG (MC)		U A
5442	COMP+CAN	1/4	6.0 TPG (m)		U A	4443	COMP+CAN	5/16	8.0 TTG		U A
3259	COMP+CAN	3/8	10.0 TPG (m)		U A	3237	COMP+CAN	3/8	10.0 TTG		U A
2210	COMP+CAN	1/8	3.0 TTG (MC)		U A	3238	COMP+CAN	1/2	12.0 TTG		U A
2216	COMP+CAN	5/32	4.0 TTG		U A	3239	COMP+CAN	5/8	16.0 TTG		U A
2211	COMP+CAN	3/16	5.0 TTG (MC)		U A	3240	COMP+CAN	3/4	19.0 TTG		U A
2212	COMP+CAN	1/4	6.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Phoenix, AZ:					
2213	COMP+CAN	3/8	10.0 TTG		U A	7521	COMP+CAN	1/8	3.0 TPG (IN)(s)		U A
2214	COMP+CAN	1/2	12.0 TTG		U A	IN					
7250	COMP+CAN	5/8	16.0 TTG		U A	3136	COMP+CAN	3/16	5.0 TPG (m)		U A
Oldcastle BuildingEnvelope® ; Langley, British Columbia:						3999	COMP+CAN	1/4	6.0 TPG (m)		U A
3295	COMP+CAN	1/8	3.0 TPG (m)		U A	3729	COMP+CAN	3/8	10.0 TPG (m)		U A
3296	COMP+CAN	5/32	4.0 TPG (d)		U A	3128	COMP+CAN	1/8	3.0 TTG (MC)		U A
3297	COMP+CAN	3/16	5.0 TPG (d)		U A	3130	COMP+CAN	3/16	5.0 TTG (MC)		U A
4710	COMP+CAN	3/8	10.0 TPG (s)		U A	3131	COMP+CAN	1/4	6.0 TTG (MC)		U A
3286	COMP+CAN	1/8	3.0 TTG (MC)		U A	3132	COMP+CAN	3/8	10.0 TTG		U A
3287	COMP+CAN	5/32	4.0 TTG (MC)		U A	3133	COMP+CAN	1/2	12.0 TTG		U A
3288	COMP+CAN	3/16	5.0 TTG (MC)		U A	6394	COMP+CAN	3/4	19.0 TTG		U A
3289	COMP+CAN	1/4	6.0 TTG (MC)		U A	Oldcastle BuildingEnvelope® ; Rock Hill, SC:					
3290	COMP+CAN	5/16	8.0 TTG		U A	3281	COMP+CAN	1/8	3.0 TPG (s)(IN)		U A
3291	COMP+CAN	3/8	10.0 TTG		U A	IN					
3292	COMP+CAN	1/2	12.0 TTG		U A	4396	COMP+CAN	5/32	4.0 TPG (d)(IN)		U A
3293	COMP+CAN	5/8	16.0 TTG		U A	IN					
3294	COMP+CAN	3/4	19.0 TTG		U A	9728	COMP+CAN	1/4	6.0 TPG (s)		U A
Oldcastle BuildingEnvelope® ; Los Angeles, CA:						3285	COMP+CAN	3/8	10.0 TPG (d)		U A
935	COMP+CAN	3/16	5.0 TPG (m)		U A	3276	COMP+CAN	1/8	3.0 TTG (IN)		U A
3793	COMP+CAN	3/8	10.0 TPG (m)		U A	IN					
1608	COMP+CAN	1/8	3.0 TTG (MC)		U A	3462	COMP+CAN	5/32	4.0 TTG (MC)		U A
1609	COMP+CAN	5/32	4.0 TTG		U A	3277	COMP+CAN	3/16	5.0 TTG (MC)		U A
630	COMP+CAN	3/16	5.0 TTG (MC)		U A	3278	COMP+CAN	1/4	6.0 TTG (MC)		U A
514	COMP+CAN	1/4	6.0 TTG (MC)		U A	4787	COMP+CAN	5/16	8.0 TTG (IN)		U A
4400	COMP+CAN	5/16	8.0 TTG		U A	IN					
515	COMP+CAN	3/8	10.0 TTG		U A	3279	COMP+CAN	3/8	10.0 TTG		U A
516	COMP+CAN	1/2	12.0 TTG		U A	3280	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Miami, FL:						Oldcastle BuildingEnvelope® ; Schofield, WI:					
7846	COMP+CAN	1/8	3.0 TPG (m)		U A	3178	COMP+CAN	3/16	5.0 TPG (d)		U A
3502	COMP+CAN	3/16	5.0 TPG (m)		U A	3167	COMP+CAN	1/8	3.0 TTG (MC)		U A
4477	COMP+CAN	1/4	6.0 TPG (d)		U A	3168	COMP+CAN	5/32	4.0 TTG (MC)		U A
3503	COMP+CAN	3/8	10.0 TPG (s)		U A	3169	COMP+CAN	3/16	5.0 TTG (MC)		U A
7845	COMP+CAN	1/8	3.0 TTG		U A	3170	COMP+CAN	1/4	6.0 TTG (MC)		U A
7847	COMP+CAN	5/32	4.0 TTG		U A	3171	COMP+CAN	5/16	8.0 TTG (MC)		U A
3497	COMP+CAN	3/16	5.0 TTG		U A	3172	COMP+CAN	3/8	10.0 TTG (MC)		U A
3498	COMP+CAN	1/4	6.0 TTG (MC)		U A	3173	COMP+CAN	1/2	12.0 TTG		U A
7848	COMP+CAN	5/16	8.0 TTG		U A	Oldcastle BuildingEnvelope® ; Tampa, FL:					
3499	COMP+CAN	3/8	10.0 TTG		U A	3124	COMP+CAN	3/16	5.0 TPG (m)		U A
3500	COMP+CAN	1/2	12.0 TTG		U A	3125	COMP+CAN	1/4	6.0 TPG (m)		U A
7849	COMP+CAN	5/8	16.0 TTG		U A	4340	COMP+CAN	3/8	10.0 TPG (s)		U A
7850	COMP+CAN	3/4	19.0 TTG		U A	3118	COMP+CAN	3/16	5.0 TTG (MC)		U A
Oldcastle BuildingEnvelope® ; Moorestown, NJ:						3119	COMP+CAN	1/4	6.0 TTG (MC)		U A
3186	COMP+CAN	1/8	3.0 TPG (s)		U A	3120	COMP+CAN	3/8	10.0 TTG		U A
3188	COMP+CAN	3/16	5.0 TPG (m)		U A	3121	COMP+CAN	1/2	12.0 TTG		U A
3189	COMP+CAN	1/4	6.0 TPG (m)		U A	Oldcastle BuildingEnvelope® ; Warrenton, MO:					
3190	COMP+CAN	3/8	10.0 TPG (m)		U A	3152	COMP+CAN	5/32	4.0 TPG (s)		U A
3180	COMP+CAN	1/8	3.0 TTG (MC)		U A	3153	COMP+CAN	3/16	5.0 TPG (m)		U A
3182	COMP+CAN	3/16	5.0 TTG (MC)		U A	3154	COMP+CAN	1/4	6.0 TPG (m)		U A
3183	COMP+CAN	1/4	6.0 TTG (MC)		U A	3155	COMP+CAN	3/8	10.0 TPG (d)		U A
3184	COMP+CAN	3/8	10.0 TTG		U A	3144	COMP+CAN	1/8	3.0 TTG (MC)		U A
3185	COMP+CAN	1/2	12.0 TTG		U A	3145	COMP+CAN	5/32	4.0 TTG		U A
						3146	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
3147	COMP+CAN	1/4	6.0 TTG (MC)		U A	3548	COMP+CAN	5/32	4.0 TPG (m)		U A
3796	COMP+CAN	5/16	8.0 TTG		U A	3549	COMP+CAN	3/16	5.0 TPG (s)		U A
3148	COMP+CAN	3/8	10.0 TTG		U A	3711	COMP+CAN	1/4	6.0 TPG (s)		U A
3149	COMP+CAN	1/2	12.0 TTG		U A	3538	COMP+CAN	1/8	3.0 TTG (MC)		U A
5904	COMP+CAN	5/8	16.0 TTG		U A	3539	COMP+CAN	5/32	4.0 TTG (MC)		U A
Oldcastle BuildingEnvelope® ; Wright City, MO:						3540	COMP+CAN	3/16	5.0 TTG (MC)		U A
3137	COMP+CAN	1/8	3.0 TTG (MC)		U A	3542	COMP+CAN	5/16	8.0 TTG		U A
3138	COMP+CAN	5/32	4.0 TTG		U A	3543	COMP+CAN	3/8	10.0 TTG		U A
3139	COMP+CAN	3/16	5.0 TTG (MC)		U A	3544	COMP+CAN	1/2	12.0 TTG		U A
3140	COMP+CAN	1/4	6.0 TTG (MC)		U A	PGT Industries ; North Venice, FL:					
3141	COMP+CAN	5/16	8.0 TTG (MC)		U A	3880	COMPOSITE	1/8	3.0 TPG (s)		U A
3142	COMP+CAN	3/8	10.0 TTG (MC)		U A	3881	COMPOSITE	3/16	5.0 TPG (s)		U A
3143	COMP+CAN	1/2	12.0 TTG		U A	2389	COMPOSITE	1/8	3.0 TTG (MC)		U A
Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec:						2390	COMPOSITE	3/16	5.0 TTG (MC)		U A
4247	COMP+CAN	5/32	4.0 TTG		U A	2391	COMPOSITE	1/4	6.0 TTG (MC)		U A
1997	COMP+CAN	3/16	5.0 TTG		U A	Philly Glass Industry Inc. ; Philadelphia, PA:					
2543	COMP+CAN	1/4	6.0 TTG (MC)		U A	7652	COMP+CAN	3/16	5.0 TTG (MC)		U A
2884	COMP+CAN	5/16	8.0 TTG		U A	7653	COMP+CAN	1/4	6.0 TTG (MC)		U A
2544	COMP+CAN	3/8	10.0 TTG		U A	7654	COMP+CAN	3/8	10.0 TTG		U A
2062	COMP+CAN	1/2	12.0 TTG		U A	7655	COMP+CAN	1/2	12.0 TTG		U A
7397	COMP+CAN	5/8	16.0 TTG		U A	7656	COMP+CAN	5/8	16.0 TTG (IN)		U A
7398	COMP+CAN	3/4	19.0 TTG		U A	IN					
Opulux Glass ; East Hanover, NJ:						7657	COMP+CAN	3/4	19.0 TTG (IN)		U A
8450	COMP+CAN	3/16	5.0 TTG (MC)		U A	Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan:					
8451	COMP+CAN	1/4	6.0 TTG (MC)		U A	8100	COMP+CAN	3/16	5.0 TTG		U A
8452	COMP+CAN	3/8	10.0 TTG		U A	Portland Glass Manufacturing ; Clackamas, OR:					
8453	COMP+CAN	1/2	12.0 TTG		U A	6372	COMPOSITE	1/4	6.0 TTG (MC)		U A
P&C Tempered Glass, LLC. ; Medley, FL:						6373	COMPOSITE	3/8	10.0 TTG		U A
8342	COMPOSITE	1/4	6.0 TTG		U A	6510	COMPOSITE	1/2	12.0 TTG		U A
8343	COMPOSITE	3/8	10.0 TTG		U A	Precision Glass Bending Corporation ; Greenwood, AR:					
8542	COMPOSITE	1/2	12.0 TTG		U A	7149	COMP+CAN	1/4	6.0 TBG (IN)		U A
PAN- DUR Glass GmbH ; Ilmenau, Thuringen:						IN					
6738	COMPOSITE	5/32	4.0 TTG		U A	7150	COMP+CAN	3/8	10.0 TBG (IN)		U A
6739	COMPOSITE	1/4	6.0 TTG		U A	IN					
Panasonic Housing Solutions Co., Ltd. ; Oyabe, Toyama:						7151	COMP+CAN	1/2	12.0 TBG (IN)		U A
8731	COMPOSITE	1/4	6.0 VIGT (MC)		U A	IN					
8561	COMPOSITE	5/16	8.0 VIGT (MC)		U A	7152	COMP+CAN	5/8	16.0 TBG (IN)		U A
Panoramic Doors LLC ; Fort Worth, TX:						IN					
8198	COMP+CAN	5/32	4.0 TTG (MC)		U A	7153	COMP+CAN	3/4	19.0 TBG (IN)		U A
8504	COMP+CAN	3/16	5.0 TTG (MC)		U A	IN					
Paragon Tempered Glass ; Antwerp, OH:						Precision Glass Industries ; Houston, TX:					
5242	COMPOSITE	3/16	5.0 TBG		U A	8992	COMPOSITE	3/16	5.0 TPG (m)		U A
8863	COMPOSITE	1/4	6.0 TBG	30X4 0	U A	7605	COMPOSITE	3/8	10.0 TPG (s)		U A
2684	COMPOSITE	1/8	3.0 TTG (MC)		U A	6886	COMPOSITE	3/16	5.0 TTG		U A
2685	COMPOSITE	5/32	4.0 TTG		U A	6887	COMPOSITE	1/4	6.0 TTG (MC)		U A
2686	COMPOSITE	3/16	5.0 TTG (MC)		U A	6888	COMPOSITE	3/8	10.0 TTG		U A
2687	COMPOSITE	1/4	6.0 TTG (MC)		U A	6889	COMPOSITE	1/2	12.0 TTG		U A
Patio Enclosures ; Macedonia, OH:						Prelco Inc. ; Riviere-du-loup, Quebec:					
7843	COMP+CAN	1/8	3.0 TTG (MC)		U A	2034	COMP+CAN	1/8	3.0 TTG (MC)		U A
8670	COMP+CAN	5/32	4.0 TTG (MC)		U A	2035	COMP+CAN	5/32	4.0 TTG (MC)		U A
Patriot Armored Systems, LLC ; Lee, MA:						2713	COMP+CAN	3/16	5.0 TTG (MC)		U A
6688	COMPOSITE	1/8	3.0 TTG		U A	7800	COMP+CAN	1/4	6.0 TTG (MC)		U A
6689	COMPOSITE	3/16	5.0 TTG		U A	2751	COMP+CAN	5/16	8.0 TTG (MC)		U A
6690	COMPOSITE	1/4	6.0 TTG (MC)		U A	2381	COMP+CAN	3/8	10.0 TTG (MC)		U A
6691	COMPOSITE	3/8	10.0 TTG		U A	2048	COMP+CAN	1/2	12.0 TTG		U A
Pericom S.A. DE C.V. ; San Juan Del Rio, Queretaro:						Prelco Inc. ; Saint-Jacques, New Brunswick:					
4512	COMPOSITE	1/8	3.0 TTG (MC)		U A	4911	COMP+CAN	1/8	3.0 TTG (MC)		U A
9174	COMPOSITE	1/4	6.0 TTG		U A	4912	COMP+CAN	5/32	4.0 TTG (MC)		U A
9185	COMPOSITE	*	12.0 TTG (4)		U A	4913	COMP+CAN	3/16	5.0 TTG (MC)		U A
PFG Glass ; Langley, British Columbia:						4914	COMP+CAN	1/4	6.0 TTG (MC)		U A
3547	COMP+CAN	1/8	3.0 TPG (s)		U A	4915	COMP+CAN	5/16	8.0 TTG		U A
						4916	COMP+CAN	3/8	10.0 TTG		U A
						4917	COMP+CAN	1/2	12.0 TTG		U A
						5610	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
5611	COMP+CAN	3/4	19.0 TTG		U A	Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon:					
Prelco MTL Inc. ; Montreal, Quebec:						6517	COMPOSITE	1/4	6.0 TTG		U A
7481	COMP+CAN	5/32	4.0 TTG (MC)		U A	6518	COMPOSITE	3/8	10.0 TTG		U A
7482	COMP+CAN	3/16	5.0 TTG (MC)		U A	Produits Verrier International Inc. ; Montreal, Quebec:					
7483	COMP+CAN	1/4	6.0 TTG (MC)		U A	5504	COMP+CAN	1/8	3.0 TPG (m)		U A
7484	COMP+CAN	5/16	8.0 TTG (MC)		U A	5505	COMP+CAN	3/16	5.0 TPG (m)		U A
7485	COMP+CAN	3/8	10.0 TTG		U A	5498	COMP+CAN	1/8	3.0 TTG (MC)		U A
Premier Glass Products ; Atlanta, GA:						5499	COMP+CAN	5/32	4.0 TTG (MC)		U A
8837	COMP+CAN	1/4	6.0 TBG		U A	5500	COMP+CAN	3/16	5.0 TTG (MC)		U A
8838	COMP+CAN	3/8	10.0 TBG		U A	5501	COMP+CAN	1/4	6.0 TTG (MC)		U A
8839	COMP+CAN	1/2	12.0 TBG		U A	7844	COMP+CAN	5/16	8.0 TTG		U A
8562	COMP+CAN	3/16	5.0 TTG		U A	5502	COMP+CAN	3/8	10.0 TTG		U A
8377	COMP+CAN	1/4	6.0 TTG		U A	5503	COMP+CAN	1/2	12.0 TTG		U A
8378	COMP+CAN	3/8	10.0 TTG		U A	ProTemp Glass, Inc. ; Concord, Ontario:					
8379	COMP+CAN	1/2	12.0 TTG		U A	7410	COMP+CAN	5/32	4.0 TTG (MC)		U A
Press Glass Inc. ; Ridgeway, VA:						7411	COMP+CAN	3/16	5.0 TTG (MC)		U A
7810	COMP+CAN	3/16	5.0 TTG (MC)		U A	7382	COMP+CAN	1/4	6.0 TTG (MC)		U A
7811	COMP+CAN	1/4	6.0 TTG (MC)		U A	7312	COMP+CAN	5/16	8.0 TTG (MC)		U A
7812	COMP+CAN	5/16	8.0 TTG (MC)		U A	7313	COMP+CAN	3/8	10.0 TTG		U A
7813	COMP+CAN	3/8	10.0 TTG (MC)		U A	7314	COMP+CAN	1/2	12.0 TTG		U A
7814	COMP+CAN	1/2	12.0 TTG		U A	7315	COMP+CAN	5/8	16.0 TTG		U A
7815	COMP+CAN	5/8	16.0 TTG		U A	7316	COMP+CAN	3/4	19.0 TTG		U A
7816	COMP+CAN	3/4	19.0 TTG		U A	Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz:					
PRESS GLASS SP ZOO ; Radomsko, Poland:						9084	COMP+CAN	5/32	4.0 TTG		U A
5845	COMP+CAN	5/32	4.0 TTG (MC)		U A	9081	COMP+CAN	1/4	6.0 TTG		U A
6963	COMP+CAN	3/16	5.0 TTG (MC)		U A	9082	COMP+CAN	5/16	8.0 TTG		U A
5846	COMP+CAN	1/4	6.0 TTG (MC)		U A	9083	COMP+CAN	3/8	10.0 TTG		U A
5847	COMP+CAN	5/16	8.0 TTG (MC)		U A	PT Abebersa Pratama ; Bekasi, Indonesia:					
5848	COMP+CAN	3/8	10.0 TTG (MC)		U A	8000	COMPOSITE	5/32	4.0 TPG (s)		U A
5849	COMP+CAN	1/2	12.0 TTG (MC)		U A	3905	COMPOSITE	5/32	4.0 TTG (MC)		U A
5850	COMP+CAN	*	15.0 TTG (4)		U A	3906	COMPOSITE	3/16	5.0 TTG		U A
PRESS GLASS SP ZOO ; Tychy, Poland:						Pulp Studio, Inc. ; Gardena, CA:					
7509	COMP+CAN	3/16	5.0 TBG		U A	7860	COMP+CAN	3/16	5.0 TTG		U A
7510	COMP+CAN	1/4	6.0 TBG		U A	6416	COMP+CAN	1/4	6.0 TTG (MC)		U A
7511	COMP+CAN	5/16	8.0 TBG		U A	7807	COMP+CAN	3/8	10.0 TTG (MC)		U A
7512	COMP+CAN	3/8	10.0 TBG		U A	7808	COMP+CAN	1/2	12.0 TTG		U A
7513	COMP+CAN	*	12.0 TBG (2)		U A	Qianse Acrylic Co., LTD. ; Dongguan, Guangdong Province:					
7514	COMP+CAN	*	15.0 TBG (2)		U A	7247	ANSI ONLY	1/8	3.0 SPS		U A
5852	COMP+CAN	5/32	4.0 TTG (MC)		U A	Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong:					
6404	COMP+CAN	3/16	5.0 TTG (MC)		U A	9073	COMP+CAN	3/16	5.0 TTG		U A
5853	COMP+CAN	1/4	6.0 TTG (MC)		U A	8349	COMP+CAN	1/4	6.0 TTG		U A
5854	COMP+CAN	5/16	8.0 TTG (MC)		U A	9074	COMP+CAN	5/16	8.0 TTG		U A
5855	COMP+CAN	3/8	10.0 TTG (MC)		U A	8350	COMP+CAN	3/8	10.0 TTG		U A
5856	COMP+CAN	1/2	12.0 TTG (MC)		U A	Qingdao Chinastar Glass CO., Ltd. ; Qingdao, Shandong:					
5857	COMP+CAN	*	15.0 TTG (4)		U A	9740	COMP+CAN	3/8	10.0 TTG		U A
Press Glass, Inc. ; Stoneville, NC:						Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong:					
8621	COMP+CAN	5/32	4.0 TTG		U A	8516	COMP+CAN	1/4	6.0 TTG		U A
2730	COMP+CAN	3/16	5.0 TTG (MC)		U A	8517	COMP+CAN	3/8	10.0 TTG		U A
2732	COMP+CAN	1/4	6.0 TTG (MC)		U A	8518	COMP+CAN	1/2	12.0 TTG		U A
5259	COMP+CAN	5/16	8.0 TTG (MC)		U A	Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong:					
2729	COMP+CAN	3/8	10.0 TTG		U A	6776	COMP+CAN	1/8	3.0 TTG		U A
2733	COMP+CAN	1/2	12.0 TTG		U A	6777	COMP+CAN	5/32	4.0 TTG		U A
2731	COMP+CAN	5/8	16.0 TTG		U A	Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong:					
2734	COMP+CAN	3/4	19.0 TTG		U A	8410	COMP+CAN	1/4	6.0 TTG		U A
PRL Glass Systems ; City of Industry, CA:						7681	COMP+CAN	*	12.0 TTG (3)		U A
6508	COMPOSITE	1/4	6.0 TTG (MC)		U A	Qingdao Laurel Glass Technology Co., Ltd ; Qingdao, Shandong:					
Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro:						7125	COMP+CAN	1/8	3.0 TTG		U A
6716	COMPOSITE	1/8	3.0 TTG (MC)		U A	7110	COMP+CAN	5/32	4.0 TTG		U A
6717	COMPOSITE	1/4	6.0 TTG (MC)		U A	8063	COMP+CAN	1/4	6.0 TTG		U A
Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco:						8019	COMP+CAN	5/16	8.0 TTG		U A
6718	COMPOSITE	1/4	6.0 TTG		U A						
6719	COMPOSITE	3/8	10.0 TTG		U A						
6720	COMPOSITE	*	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
7126	COMP+CAN	3/8	10.0 TTG		U A	8917	COMPOSITE	3/8	10.0 TTG		U A
8020	COMP+CAN	1/2	12.0 TTG		U A	8918	COMPOSITE	1/2	12.0 TTG		U A
Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong:						Quest USA, Inc. ; Garland, TX:					
8529	COMP+CAN	*	3.0 TTG (3)		U A	7659	COMP+CAN	1/4	6.0 TTG (MC)		U A
8530	COMP+CAN	5/32	4.0 TTG (MC)		U A	Quest Window Systems ; Mississauga, Ontario:					
8531	COMP+CAN	3/16	5.0 TTG (MC)		U A	5719	COMP+CAN	1/4	6.0 TTG (MC)		U A
8532	COMP+CAN	1/4	6.0 TTG (MC)		U A	Ready Glass & Mirror, Inc. ; Hialeah, FL:					
8216	COMP+CAN	3/8	10.0 TTG		U A	3745	COMPOSITE	3/16	5.0 TTG		U A
Qingdao Runya Glass Products Co., LTD ; Qingdao, Shandong:						3746	COMPOSITE	1/4	6.0 TTG		U A
8620	COMP+CAN	1/2	12.0 TTG		U A	3747	COMPOSITE	3/8	10.0 TTG		U A
Qinhuangdao Huaguang Technology Glass Co., Ltd. ;						3748	COMPOSITE	1/2	12.0 TTG		U A
Qinhuangdao, Hebei:						Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates:					
8352	COMPOSITE	1/8	3.0 TTG		U A	4675	COMP+CAN	1/4	6.0 TTG		U A
Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao, Hebei:						4676	COMP+CAN	5/16	8.0 TTG		U A
5280	COMPOSITE	1/8	3.0 TTG (MC)		U A	4677	COMP+CAN	3/8	10.0 TTG		U A
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ;						Renin Canada Corp. ; Brampton, Ontario:					
Qinhuangdao, Hebei:						8318	COMP+CAN	1/4	6.0 TTG		U A
8533	COMP+CAN	12	12.0 TTG		U A	8278	COMP+CAN	3/8	10.0 TTG		U A
8534	COMP+CAN	(*)	15.0 TTG (3)		U A	8319	COMP+CAN	1/2	12.0 TTG		U A
Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei:						Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekoj:					
5141	COMPOSITE	1/8	3.0 TTG (MC)		U A	8830	COMPOSITE	1/4	6.0 TTG		U A
Qinhuangdao Shengrui Glass Processing CO., LTD. ;						8831	COMPOSITE	5/16	8.0 TTG		U A
Qinhuangdao, Hebei:						8832	COMPOSITE	3/8	10.0 TTG		U A
8664	COMPOSITE	1/8	3.0 TTG (MC)		U A	8833	COMPOSITE	1/2	12.0 TTG		U A
QinHuangDao Tianrui Tempered Technology Glass Co. ;						Rider Glass Company Limited ; Qingdao, Shandong:					
Qinhuangdao, Hebei:						8624	COMP+CAN	1/8	3.0 TTG		U A
9046	COMPOSITE	5/32	4.0 TPG (d)		U A	8625	COMP+CAN	5/32	4.0 TTG		U A
3690	COMPOSITE	1/8	3.0 TTG (MC)		U A	8464	COMP+CAN	3/16	5.0 TTG		U A
9195	COMPOSITE	5/32	4.0 TTG (MC)		U A	8465	COMP+CAN	1/4	6.0 TTG		U A
Qinhuangdao Yaoyou Engineering Glass Co., LTD. ;						8466	COMP+CAN	5/16	8.0 TTG		U A
Qinhuangdao, Hebei:						8467	COMP+CAN	3/8	10.0 TTG		U A
9039	COMPOSITE	1/4	6.0 TTG		U A	8875	COMP+CAN	*	12.0 TTG (3)(IN)		U A
Quaker Window Products, Inc. ; Freeburg, MO:						IN					
2968	COMP+CAN	1/8	3.0 TPG (m)		U A	8876	COMP+CAN	*	15.0 TTG (3)(IN)		U A
2969	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A	IN					
IN						8877	COMP+CAN	3/4	19.0 TTG (IN)		U A
3486	COMP+CAN	3/16	5.0 TPG (m)		U A	IN					
2970	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A	Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong:					
IN						5566	COMP+CAN	5/32	4.0 TTG		U A
2985	COMP+CAN	1/8	3.0 TTG (MC)		U A	5567	COMP+CAN	3/16	5.0 TTG		U A
5297	COMP+CAN	5/32	4.0 TTG (MC)		U A	5568	COMP+CAN	1/4	6.0 TTG		U A
2986	COMP+CAN	3/16	5.0 TTG (MC)		U A	5569	COMP+CAN	5/16	8.0 TTG		U A
3485	COMP+CAN	1/4	6.0 TTG (MC)		U A	5570	COMP+CAN	3/8	10.0 TTG		U A
7935	COMP+CAN	5/16	8.0 TTG		U A	5571	COMP+CAN	1/2	12.0 TTG		U A
Quality Enclosures ; Central Islip, NY:						5572	COMP+CAN	*	15.0 TTG (4)		U A
6444	COMP+CAN	3/16	5.0 TPG (s)		U A	Robover Inc. ; Quebec City, Quebec:					
6445	COMP+CAN	1/4	6.0 TPG (s)		U A	5199	COMP+CAN	1/8	3.0 TTG (MC)		U A
6446	COMP+CAN	3/8	10.0 TPG (m)		U A	5200	COMP+CAN	5/32	4.0 TTG (MC)		U A
6440	COMP+CAN	3/16	5.0 TTG		U A	5201	COMP+CAN	3/16	5.0 TTG (MC)		U A
6441	COMP+CAN	1/4	6.0 TTG		U A	5202	COMP+CAN	1/4	6.0 TTG (MC)		U A
6442	COMP+CAN	3/8	10.0 TTG		U A	5763	COMP+CAN	3/8	10.0 TTG		U A
6443	COMP+CAN	1/2	12.0 TTG		U A	5764	COMP+CAN	1/2	12.0 TTG		U A
Quality Enclosures Tempering, Inc. ; Port Orange, FL:						Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Santa Catarina:					
6247	COMPOSITE	3/16	5.0 TPG (m)		U A	8103	COMP+CAN	5/32	4.0 TTG		U A
6248	COMPOSITE	1/4	6.0 TPG (s)		U A	8192	COMP+CAN	1/4	6.0 TTG		U A
6249	COMPOSITE	3/8	10.0 TPG (s)		U A	S.F. Tempering ; Dania Beach, FL:					
6243	COMPOSITE	3/16	5.0 TTG		U A	5452	COMPOSITE	3/16	5.0 TTG		U A
6244	COMPOSITE	1/4	6.0 TTG		U A	5019	COMPOSITE	1/4	6.0 TTG		U A
6245	COMPOSITE	3/8	10.0 TTG		U A	5020	COMPOSITE	3/8	10.0 TTG		U A
6246	COMPOSITE	1/2	12.0 TTG		U A	5021	COMPOSITE	1/2	12.0 TTG		U A
Quality Glass & Mirror, Inc. ; Mount Prospect, IL:											
8914	COMPOSITE	5/32	4.0 TTG		U A						
8915	COMPOSITE	3/16	5.0 TTG		U A						
8916	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
SAAND Inc. ; Toronto, Ontario:						7642	COMPOSITE	1/4	6.0 TTG		U A
2481	COMP+CAN	1/8	3.0 TTG		U A	Sfera SRL ; Meolo, Metropolitan City of Venice:					
2482	COMP+CAN	5/32	4.0 TTG (MC)		U A	8087	COMP+CAN	5/32	4.0 TBG (MC)		U A
3023	COMP+CAN	3/16	5.0 TTG (MC)		U A	6079	COMP+CAN	1/4	6.0 TBG		U A
2484	COMP+CAN	1/4	6.0 TTG (MC)		U A	8086	COMP+CAN	5/16	8.0 TBG (MC)		U A
4356	COMP+CAN	5/16	8.0 TTG		U A	Shandong Blue Glass Technology Co., Ltd. ; Weifang, Shandong:					
4357	COMP+CAN	3/8	10.0 TTG		U A	9249	COMP+CAN	3/16	5.0 TTG		U A
4358	COMP+CAN	1/2	12.0 TTG		U A	ShanDong HaanGlas Co., LTD ; Tai'an, Shandong:					
SAAND London ; London, Ontario:						9126	COMPOSITE	3/8	10.0 VIGT		U A
3978	COMP+CAN	1/8	3.0 TTG (MC)		U A	Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong:					
4278	COMP+CAN	5/32	4.0 TTG (MC)		U A	7916	COMP+CAN	3/16	5.0 TPG (s)		U A
3979	COMP+CAN	3/16	5.0 TTG (MC)		U A	8312	COMP+CAN	1/4	6.0 TPG (s)		U A
3980	COMP+CAN	1/4	6.0 TTG (MC)		U A	9246	COMP+CAN	1/8	3.0 TTG		U A
7658	COMP+CAN	5/16	8.0 TTG		U A	8311	COMP+CAN	3/16	5.0 TTG		U A
3981	COMP+CAN	3/8	10.0 TTG		U A	7917	COMP+CAN	1/4	6.0 TTG		U A
7536	COMP+CAN	1/2	12.0 TTG		U A	7918	COMP+CAN	5/16	8.0 TTG		U A
SAAND Ottawa ; Stittsville, Ontario:						7919	COMP+CAN	3/8	10.0 TTG		U A
4949	COMP+CAN	1/8	3.0 TTG		U A	Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong:					
4950	COMP+CAN	5/32	4.0 TTG		U A	8355	COMP+CAN	1/4	6.0 TTG		U A
4951	COMP+CAN	3/16	5.0 TTG (MC)		U A	Shandong Wensheng Glass Technology Co., Ltd. ; Jinan, Shandong:					
4952	COMP+CAN	1/4	6.0 TTG (MC)		U A	9682	COMP+CAN	1/4	6.0 TTG		U A
4953	COMP+CAN	3/8	10.0 TTG		U A	9683	COMP+CAN	5/16	8.0 TTG		U A
4954	COMP+CAN	1/2	12.0 TTG		U A	Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong:					
SAAND Rexdale ; Rexdale, Ontario:						7335	COMP+CAN	3/16	5.0 TTG		U A
4995	COMP+CAN	1/8	3.0 TTG		U A	7336	COMP+CAN	1/4	6.0 TTG		U A
4996	COMP+CAN	5/32	4.0 TTG		U A	7337	COMP+CAN	3/8	10.0 TTG		U A
4997	COMP+CAN	3/16	5.0 TTG		U A	7338	COMP+CAN	*	12.0 TTG (3)		U A
4998	COMP+CAN	1/4	6.0 TTG		U A	Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai:					
4999	COMP+CAN	3/8	10.0 TTG		U A	9049	COMP+CAN	3/16	5.0 TTG		U A
5000	COMP+CAN	1/2	12.0 TTG		U A	9050	COMP+CAN	3/8	10.0 TTG		U A
Saban Acikgoz Ins Malz San Tic AS ; Cerkezkozy, Tekirdag:						9051	COMP+CAN	1/2	12.0 TTG		U A
9251	COMP+CAN	*	4.0 TTG (3)		U A	9052	COMP+CAN	*	15.0 TTG (3)		U A
9252	COMP+CAN	*	5.0 TTG (3)		U A	Shanghai SYP Engineering Glass ; Pudong, Shanghai:					
9253	COMP+CAN	*	6.0 TTG (3)		U A	4067	COMP+CAN	5/32	4.0 TTG (MC)		U A
9254	COMP+CAN	*	8.0 TTG (3)		U A	4068	COMP+CAN	3/16	5.0 TTG (MC)		U A
9255	COMP+CAN	*	10.0 TTG (3)		U A	4069	COMP+CAN	1/4	6.0 TTG (MC)		U A
Safti First ; Merced, CA:						4070	COMP+CAN	5/16	8.0 TTG (MC)		U A
8983	COMP+CAN	1/8	3.0 TTG		U A	4071	COMP+CAN	3/8	10.0 TTG (MC)		U A
8984	COMP+CAN	3/16	5.0 TTG		U A	4072	COMP+CAN	1/2	12.0 TTG (MC)		U A
8985	COMP+CAN	1/4	6.0 TTG (MC)		U A	4073	COMP+CAN	*	15.0 TTG (4)(MC)		U A
8986	COMP+CAN	3/8	10.0 TTG		U A	Shanghai Zhenzhen Glassware Co., LTD. ; Fengxian District, Shanghai:					
SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Jaroszwiec, Poland:						6125	COMP+CAN	1/4	6.0 TTG		U A
9256	COMP+CAN	*	4.0 TTG (MC)(3)		U A	6126	COMP+CAN	3/8	10.0 TTG		U A
9257	COMP+CAN	1/4	6.0 TTG (MC)		U A	Shape Glass LLC. ; Sarasota, FL:					
9258	COMP+CAN	5/16	8.0 TTG (MC)		U A	6507	COMPOSITE	3/16	5.0 TPG (s)		U A
9259	COMP+CAN	3/8	10.0 TTG (MC)		U A	6947	COMPOSITE	3/8	10.0 TPG (s)		U A
SAINT-GOBAIN POLSKA SP. Z.O.O. Oddzial Glassolutions ; Brwinow, Poland:						6502	COMPOSITE	1/8	3.0 TTG		U A
9301	COMP+CAN	5/32	4.0 TTG (MC)		U A	6503	COMPOSITE	3/16	5.0 TTG		U A
9302	COMP+CAN	1/4	6.0 TTG (MC)		U A	6504	COMPOSITE	1/4	6.0 TTG		U A
9303	COMP+CAN	5/16	8.0 TTG (MC)		U A	6505	COMPOSITE	3/8	10.0 TTG		U A
9304	COMP+CAN	3/8	10.0 TTG (MC)		U A	6506	COMPOSITE	1/2	12.0 TTG		U A
Saudi American Glass Company ; Riyadh, Saudi Arabia:						Shower Doors & More Inc. ; Fort Lauderdale, FL:					
8500	COMPOSITE	1/4	6.0 TTG		U A	5756	COMPOSITE	3/16	5.0 TTG		U A
8501	COMPOSITE	5/16	8.0 TTG		U A	5757	COMPOSITE	1/4	6.0 TTG		U A
SC Olin S.R.L. ; Brasov, Romania:						5758	COMPOSITE	3/8	10.0 TTG		U A
9703	COMP+CAN	1/4	6.0 TTG		U A	5759	COMPOSITE	1/2	12.0 TTG		U A
9704	COMP+CAN	5/16	8.0 TTG		U A	Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan:					
Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX:						7050	COMPOSITE	3/16	5.0 TTG		U A
7640	COMPOSITE	1/8	3.0 TTG (MC)		U A	7051	COMPOSITE	1/4	6.0 TTG		U A
8878	COMPOSITE	5/32	4.0 TTG (MC)		U A	7052	COMPOSITE	5/16	8.0 TTG		U A
7641	COMPOSITE	3/16	5.0 TTG (MC)		U A						

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7053	COMPOSITE	3/8	10.0 TTG		U A	9015	COMP+CAN	1/2	12.0 TTG		U A
7054	COMPOSITE	1/2	12.0 TTG		U A	Splendor Shower Door ; Holland, OH:					
7055	COMPOSITE	*	15.0 TTG (4)		U A	7758	COMPOSITE	5/32	4.0 TPG (s)		U A
Sierra Glass Fabrication Inc. ; Sparks, NV:						7759	COMPOSITE	3/16	5.0 TPG (m)		U A
7670	COMPOSITE	1/8	3.0 TTG (MC)		U A	7761	COMPOSITE	3/8	10.0 TPG (s)		U A
6186	COMPOSITE	3/16	5.0 TTG (MC)		U A	7753	COMPOSITE	5/32	4.0 TTG		U A
SIGCO, Inc. ; Westbrook, ME:						7754	COMPOSITE	3/16	5.0 TTG		U A
3028	COMPOSITE	3/16	5.0 TPG (m)		U A	7755	COMPOSITE	1/4	6.0 TTG		U A
4206	COMPOSITE	3/8	10.0 TPG (s)		U A	7756	COMPOSITE	3/8	10.0 TTG		U A
2961	COMPOSITE	1/8	3.0 TTG (MC)		U A	7757	COMPOSITE	1/2	12.0 TTG		U A
2962	COMPOSITE	5/32	4.0 TTG (MC)		U A	Standard Bent Glass ; East Butler, PA:					
2963	COMPOSITE	3/16	5.0 TTG (MC)		U A	8616	COMP+CAN	1/4	6.0 TBG (MC)		U A
2964	COMPOSITE	1/4	6.0 TTG (MC)		U A	7675	COMP+CAN	5/16	8.0 TBG		U A
5213	COMPOSITE	5/16	8.0 TTG		U A	7676	COMP+CAN	3/8	10.0 TBG (IN)		U A
2965	COMPOSITE	3/8	10.0 TTG		U A	IN					
2966	COMPOSITE	1/2	12.0 TTG		U A	7677	COMP+CAN	1/2	12.0 TBG		U A
Simonton Windows ; Ellenboro, WV:						8543	COMP+CAN	3/16	5.0 TTG (MC)		U A
5296	COMPOSITE	1/8	3.0 TPG (s)		U A	6301	COMP+CAN	1/4	6.0 TTG (MC)		U A
8411	COMPOSITE	3/16	5.0 TPG (s)		U A	6302	COMP+CAN	5/16	8.0 TTG		U A
2887	COMPOSITE	1/8	3.0 TTG (MC)		U A	6303	COMP+CAN	3/8	10.0 TTG		U A
2888	COMPOSITE	3/16	5.0 TTG (MC)		U A	6304	COMP+CAN	1/2	12.0 TTG		U A
Simonton Windows ; Paris, IL:						Star Glass Tempering LLC ; Elk Grove Village, IL:					
7251	COMPOSITE	1/8	3.0 TPG (m)		U A	9717	COMP+CAN	1/4	6.0 TTG		U A
4979	COMPOSITE	1/8	3.0 TTG (MC)		U A	9718	COMP+CAN	3/8	10.0 TTG		U A
4978	COMPOSITE	3/16	5.0 TTG (MC)		U A	9719	COMP+CAN	1/2	12.0 TTG		U A
Sky Land Glass Corp. ; Richmond Hill, NY:						Stargrup Cam A.S. ; Arnavutkoy, Istanbul:					
9189	COMPOSITE	3/16	5.0 TTG (MC)		U A	8219	COMP+CAN	5/32	4.0 TTG		U A
9190	COMPOSITE	1/4	6.0 TTG (MC)		U A	8220	COMP+CAN	3/16	5.0 TTG		U A
9191	COMPOSITE	3/8	10.0 TTG		U A	6204	COMP+CAN	1/4	6.0 TTG		U A
9192	COMPOSITE	1/2	12.0 TTG		U A	7579	COMP+CAN	5/16	8.0 TTG		U A
9193	COMPOSITE	5/8	16.0 TTG (IN)		U A	6205	COMP+CAN	3/8	10.0 TTG		U A
IN						6206	COMP+CAN	1/2	12.0 TTG		U A
9194	COMPOSITE	3/4	19.0 TTG (IN)		U A	Strong Tempering Glass Industry LLC ; Brooklyn, NY:					
IN						5939	COMPOSITE	3/16	5.0 TTG (MC)		U A
Skyline Design ; Chicago, IL:						5940	COMPOSITE	1/4	6.0 TTG (MC)		U A
6347	COMP+CAN	1/4	6.0 TPG (s)		U A	5942	COMPOSITE	3/8	10.0 TTG		U A
6350	COMP+CAN	1/2	12.0 TPG (s)		U A	5941	COMPOSITE	1/2	12.0 TTG		U A
6340	COMP+CAN	1/4	6.0 TTG		U A	Sunfire Glass, Inc. ; Medley, FL:					
6343	COMP+CAN	1/2	12.0 TTG		U A	7038	COMPOSITE	3/16	5.0 TPG (s)		U A
Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras:						7036	COMPOSITE	3/16	5.0 TTG		U A
8585	COMP+CAN	3/8	10.0 TTG		U A	7033	COMPOSITE	1/4	6.0 TTG		U A
8586	COMP+CAN	1/2	12.0 TTG		U A	Sunglas Technics Co., Ltd. ; Foshan, Guangdong Province:					
Soluciones Vitro Plano S.A. de C.V. ; Tlalneantla de Baz, State of Mexico:						8090	COMPOSITE	1/4	6.0 TTG		U A
4639	COMPOSITE	3/16	5.0 TTG		U A	9036	COMPOSITE	5/16	8.0 TTG		U A
4645	COMPOSITE	1/4	6.0 TTG (MC)		U A	Suzhou Yunyao Glass Co., Ltd. ; Suzhou, Jiangsu:					
4788	COMPOSITE	5/16	8.0 TTG		U A	9686	COMP+CAN	1/8	3.0 TTG		U A
4640	COMPOSITE	3/8	10.0 TTG		U A	Swift Glass Co., Inc. ; Elmira Heights, NY:					
4641	COMPOSITE	1/2	12.0 TTG		U A	1555	COMPOSITE	1/8	3.0 TTG		U A
4642	COMPOSITE	3/4	19.0 TTG		U A	1556	COMPOSITE	3/16	5.0 TTG		U A
South Bay Showers, Inc. ; Santa Clara, CA:						1557	COMPOSITE	1/4	6.0 TTG		U A
7254	COMPOSITE	3/8	10.0 TPG (s)		U A	1558	COMPOSITE	3/8	10.0 TTG		U A
7252	COMPOSITE	1/4	6.0 TTG		U A	1559	COMPOSITE	1/2	12.0 TTG		U A
6927	COMPOSITE	3/8	10.0 TTG		U A	Synergy Energy Saving Glass (Tianjin) Co., Ltd. ; Baodi District, Tianjin:					
6928	COMPOSITE	1/2	12.0 TTG		U A	8749	COMPOSITE	3/8	10.0 VIGT (MC)		U A
Southern Wholesale Glass, Inc. ; Americus, GA:						Syracuse Glass Company, LLC ; Syracuse, NY:					
7349	COMPOSITE	1/4	6.0 TTG		U A	9177	COMP+CAN	5/32	4.0 TPG (s)		U A
7350	COMPOSITE	3/8	10.0 TTG		U A	9176	COMP+CAN	3/16	5.0 TPG (m)		U A
Specialty Glass Products ; Grand Rapids, MI:						9175	COMP+CAN	3/8	10.0 TPG (s)		U A
9011	COMP+CAN	5/32	4.0 TTG		U A	2654	COMP+CAN	1/8	3.0 TTG		U A
9012	COMP+CAN	3/16	5.0 TTG		U A	9092	COMP+CAN	5/32	4.0 TTG (MC)		U A
9013	COMP+CAN	1/4	6.0 TTG		U A	2957	COMP+CAN	3/16	5.0 TTG		U A
9014	COMP+CAN	3/8	10.0 TTG		U A	2656	COMP+CAN	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
2958	COMP+CAN	3/8	10.0 TTG		U A	8979	COMPOSITE	3/16	5.0 TTG		U A
2657	COMP+CAN	1/2	12.0 TTG		U A	8491	COMPOSITE	1/4	6.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Burlington, WA:						8980	COMPOSITE	3/8	10.0 TTG		U A
9291	COMP+CAN	1/8	3.0 TTG (MC)		U A	8493	COMPOSITE	1/2	12.0 TTG		U A
9292	COMP+CAN	5/32	4.0 TTG		U A	Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato:					
9293	COMP+CAN	3/16	5.0 TTG (MC)		U A	9079	COMP+CAN	3/16	5.0 TTG		U A
5165	COMPOSITE	1/4	6.0 TTG (MC)		U A	8966	COMP+CAN	1/4	6.0 TTG		U A
5166	COMPOSITE	3/8	10.0 TTG		U A	8967	COMP+CAN	3/8	10.0 TTG		U A
5167	COMPOSITE	1/2	12.0 TTG		U A	8968	COMP+CAN	1/2	12.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Tacoma, WA:						Templados Industriales S.A. de C.V. ; Chihuahua, Chihuahua:					
8188	COMPOSITE	1/4	6.0 TTG (MC)		U A	7880	COMPOSITE	1/4	6.0 TTG (MC)		U A
8189	COMPOSITE	3/8	10.0 TTG		U A	7881	COMPOSITE	3/8	10.0 TTG		U A
8190	COMPOSITE	1/2	12.0 TTG		U A	Templex USA ; Palmetto, FL:					
Technical Glass Company ; Jeddah, Saudi Arabia:						9687	COMP+CAN	1/4	6.0 TTG		U A
7952	COMP+CAN	1/4	6.0 TTG		U A	9688	COMP+CAN	3/8	10.0 TTG		U A
7953	COMP+CAN	5/16	8.0 TTG		U A	9689	COMP+CAN	1/2	12.0 TTG		U A
7954	COMP+CAN	3/8	10.0 TTG		U A	Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong:					
7955	COMP+CAN	*	12.0 TTG (7)		U A	6424	COMP+CAN	5/32	4.0 TPG (s)		U A
Techni-Glass LLC ; Surgoinville, TN:						6425	COMP+CAN	3/16	5.0 TPG (s)		U A
3061	COMP+CAN	1/8	3.0 TPG (m)		U A	6426	COMP+CAN	1/4	6.0 TPG (s)		U A
5050	COMP+CAN	5/32	4.0 TPG (m)		U A	8861	COMP+CAN	5/32	4.0 TTG		U A
2550	COMP+CAN	3/16	5.0 TPG (m)		U A	6418	COMP+CAN	3/16	5.0 TTG		U A
3060	COMP+CAN	1/4	6.0 TPG (s)		U A	6419	COMP+CAN	1/4	6.0 TTG		U A
2547	COMP+CAN	1/8	3.0 TTG (MC)		U A	6420	COMP+CAN	5/16	8.0 TTG		U A
2548	COMP+CAN	5/32	4.0 TTG		U A	6421	COMP+CAN	3/8	10.0 TTG		U A
2549	COMP+CAN	3/16	5.0 TTG		U A	6422	COMP+CAN	1/2	12.0 TTG		U A
2975	COMP+CAN	1/4	6.0 TTG		U A	TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu:					
3062	COMP+CAN	3/8	10.0 TTG		U A	7446	COMP+CAN	3/16	5.0 TTG (MC)		U A
4509	COMP+CAN	1/2	12.0 TTG		U A	7447	COMP+CAN	1/4	6.0 TTG (MC)		U A
4510	COMP+CAN	5/8	16.0 TTG		U A	7448	COMP+CAN	5/16	8.0 TTG (MC)		U A
Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla:						7449	COMP+CAN	3/8	10.0 TTG (MC)		U A
2133	COMP+CAN	1/8	3.0 TTG (MC)		U A	7450	COMP+CAN	1/2	12.0 TTG (MC)		U A
2287	COMP+CAN	5/32	4.0 TTG (MC)		U A	TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin:					
1993	COMP+CAN	3/16	5.0 TTG (MC)		U A	8473	COMP+CAN	1/4	6.0 TTG (MC)		U A
1994	COMP+CAN	1/4	6.0 TTG (MC)		U A	8474	COMP+CAN	5/16	8.0 TTG (MC)		U A
2134	COMP+CAN	5/16	8.0 TTG (MC)		U A	9080	COMP+CAN	3/8	10.0 TTG		U A
1995	COMP+CAN	3/8	10.0 TTG (MC)		U A	The Glass Factory, LLC ; Donna, Texas:					
2135	COMP+CAN	1/2	12.0 TTG		U A	8889	COMPOSITE	1/4	6.0 TTG (IN)		U A
2365	COMP+CAN	5/8	16.0 TTG		U A	IN					
Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City:						8890	COMPOSITE	3/8	10.0 TTG (IN)		U A
7272	COMP+CAN	1/4	6.0 TTG (MC)		U A	IN					
7273	COMP+CAN	3/8	10.0 TTG		U A	8891	COMPOSITE	1/2	12.0 TTG (IN)		U A
7274	COMP+CAN	1/2	12.0 TTG		U A	IN					
7275	COMP+CAN	3/4	19.0 TTG		U A	The Glass Guild Ltd. ; Calgary, Alberta:					
TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps:						8631	COMP+CAN	5/32	4.0 TTG		U A
8535	COMPOSITE	1/4	6.0 TTG		U A	8632	COMP+CAN	3/16	5.0 TTG		U A
8051	COMPOSITE	3/8	10.0 TTG		U A	8633	COMP+CAN	1/4	6.0 TTG		U A
8050	COMPOSITE	1/2	12.0 TTG		U A	8634	COMP+CAN	3/8	10.0 TTG		U A
Temp Glass Inc. ; El Paso, TX:						8635	COMP+CAN	1/2	12.0 TTG		U A
6698	COMPOSITE	3/16	5.0 TTG		U A	Thermax A.J. Inc. ; Baie St. Paul, Quebec:					
6699	COMPOSITE	1/4	6.0 TTG (MC)		U A	8665	COMP+CAN	5/32	4.0 TPG (m)		U A
6700	COMPOSITE	3/8	10.0 TTG		U A	8326	COMP+CAN	1/8	3.0 TTG (MC)		U A
6701	COMPOSITE	1/2	12.0 TTG		U A	8327	COMP+CAN	5/32	4.0 TTG (MC)		U A
Tempco Glass ; Flushing, NY:						8328	COMP+CAN	3/16	5.0 TTG (MC)		U A
6715	COMPOSITE	1/8	3.0 TTG (MC)		U A	8329	COMP+CAN	1/4	6.0 TTG (MC)		U A
5010	COMPOSITE	3/16	5.0 TTG (MC)		U A	8330	COMP+CAN	3/8	10.0 TTG		U A
5011	COMPOSITE	1/4	6.0 TTG (MC)		U A	Thermal Seal Insulating Glass ; Uxbridge, MA:					
7285	COMPOSITE	5/16	8.0 TTG		U A	5730	COMPOSITE	1/8	3.0 TPG (s)		U A
5012	COMPOSITE	3/8	10.0 TTG		U A	5731	COMPOSITE	1/8	3.0 TTG (MC)		U A
5013	COMPOSITE	1/2	12.0 TTG		U A	5732	COMPOSITE	5/32	4.0 TTG (MC)		U A
Tempered Glass Industries, INC. ; Clearwater, FL:						5733	COMPOSITE	3/16	5.0 TTG (MC)		U A
8494	COMPOSITE	3/8	10.0 TPG (s)		U A	5734	COMPOSITE	1/4	6.0 TTG (MC)		U A
8490	COMPOSITE	5/32	4.0 TTG		U A	5735	COMPOSITE	3/8	10.0 TTG		U A
						5736	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
Thermalsun Glass Products ; Santa Rosa, CA:						Tristar Glass, Inc. ; Catoosa, OK:					
6265	COMPOSITE	1/8	3.0 TTG (MC)		U A	7590	COMPOSITE	5/32	4.0 TPG (s)		U A
6266	COMPOSITE	5/32	4.0 TTG (MC)		U A	4011	COMPOSITE	3/16	5.0 TPG (m)		U A
6267	COMPOSITE	3/16	5.0 TTG (MC)		U A	4004	COMPOSITE	1/8	3.0 TTG (MC)		U A
6268	COMPOSITE	1/4	6.0 TTG (MC)		U A	4005	COMPOSITE	5/32	4.0 TTG (MC)		U A
6269	COMPOSITE	3/8	10.0 TTG (MC)		U A	4006	COMPOSITE	3/16	5.0 TTG (MC)		U A
6270	COMPOSITE	1/2	12.0 TTG (MC)		U A	4007	COMPOSITE	1/4	6.0 TTG (MC)		U A
Thermo BSL ; Riviere-du-loup, Quebec:						Tristar Glass, Inc. ; Grand Prairie, TX:					
4290	COMP+CAN	1/8	3.0 TTG (MC)		U A	7072	COMPOSITE	5/16	8.0 TTG (MC)		U A
4291	COMP+CAN	5/32	4.0 TTG (MC)		U A	4008	COMPOSITE	3/8	10.0 TTG (MC)		U A
4292	COMP+CAN	3/16	5.0 TTG (MC)		U A	4009	COMPOSITE	1/2	12.0 TTG (MC)		U A
4293	COMP+CAN	1/4	6.0 TTG (MC)		U A	Tristar Glass, Inc. ; Houston, TX:					
Thompson I.G. LLC. ; Fenton, MI:						Tristar Glass, Inc. ; Houston, TX:					
5303	COMP+CAN	1/8	3.0 TTG (MC)		U A	9147	COMPOSITE	1/4	6.0 TTG		U A
8762	COMP+CAN	5/32	4.0 TTG		U A	9219	COMP+CAN	5/16	8.0 TTG		U A
5304	COMP+CAN	3/16	5.0 TTG (MC)		U A	9220	COMP+CAN	3/8	10.0 TTG		U A
5305	COMP+CAN	1/4	6.0 TTG (MC)		U A	9715	COMP+CAN	1/2	12.0 TTG		U A
8763	COMP+CAN	5/16	8.0 TTG		U A	Tristar Glass, Inc. ; Houston, TX:					
5298	COMP+CAN	3/8	10.0 TTG		U A	5762	COMPOSITE	1/4	6.0 TTG (MC)		U A
5299	COMP+CAN	1/2	12.0 TTG		U A	7080	COMPOSITE	5/16	8.0 TTG (MC)		U A
Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin:						Tristar Glass, Inc. ; Houston, TX:					
4021	COMP+CAN	5/32	4.0 TTG		U A	7081	COMPOSITE	3/8	10.0 TTG (MC)		U A
4022	COMP+CAN	3/16	5.0 TTG		U A	Triton Glass LLC ; Albemarle, NC:					
4023	COMP+CAN	1/4	6.0 TTG		U A	5690	COMPOSITE	1/8	3.0 TTG		U A
4024	COMP+CAN	5/16	8.0 TTG		U A	5691	COMPOSITE	3/16	5.0 TTG		U A
4025	COMP+CAN	3/8	10.0 TTG		U A	5692	COMPOSITE	1/4	6.0 TTG		U A
4026	COMP+CAN	1/2	12.0 TTG		U A	5693	COMPOSITE	3/8	10.0 TTG		U A
4027	COMP+CAN	*	15.0 TTG (4)		U A	5694	COMPOSITE	1/2	12.0 TTG		U A
4028	COMP+CAN	3/4	19.0 TTG		U A	Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec:					
Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin:						Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec:					
5220	COMPOSITE	5/16	8.0 TTG (MC)		U A	6061	COMP+CAN	3/16	5.0 TTG		U A
5221	COMPOSITE	*	12.0 TTG (MC)(3)		U A	6062	COMP+CAN	1/4	6.0 TTG		U A
Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin:						Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec:					
4075	COMP+CAN	3/16	5.0 TTG (MC)		U A	6063	COMP+CAN	5/16	8.0 TTG		U A
4076	COMP+CAN	1/4	6.0 TTG (MC)		U A	6064	COMP+CAN	3/8	10.0 TTG		U A
4077	COMP+CAN	5/16	8.0 TTG (MC)		U A	6065	COMP+CAN	1/2	12.0 TTG		U A
4078	COMP+CAN	3/8	10.0 TTG (MC)		U A	6066	COMP+CAN	5/8	16.0 TTG		U A
4079	COMP+CAN	*	12.0 TTG (3)(MC)		U A	6067	COMP+CAN	3/4	19.0 TTG		U A
4080	COMP+CAN	*	15.0 TTG (3)(MC)		U A	Trulite Glass and Aluminum Solutions ; Aurora, CO:					
4081	COMP+CAN	3/4	19.0 TTG (MC)		U A	5349	COMPOSITE	3/16	5.0 TPG (m)		U A
Tomakk Glass Partners, LLC ; Shreveport, LA:						Trulite Glass and Aluminum Solutions ; Aurora, CO:					
7736	COMP+CAN	1/8	3.0 TTG		U A	5350	COMPOSITE	3/8	10.0 TPG (s)		U A
7737	COMP+CAN	3/16	5.0 TTG		U A	5341	COMPOSITE	1/8	3.0 TTG		U A
7738	COMP+CAN	1/4	6.0 TTG		U A	5348	COMPOSITE	5/32	4.0 TTG		U A
7739	COMP+CAN	3/8	10.0 TTG		U A	6613	COMPOSITE	3/16	5.0 TTG (MC)		U A
Trakya Grup Plastik Alüminyum Ve Cam San. Tic. LTD. ; Istanbul, Esenyurt:						Trulite Glass and Aluminum Solutions ; Aurora, CO:					
9707	COMP+CAN	5/32	4.0 TTG		U A	5343	COMPOSITE	1/4	6.0 TTG		U A
9708	COMP+CAN	3/16	5.0 TTG		U A	5344	COMPOSITE	3/8	10.0 TTG		U A
9709	COMP+CAN	1/4	6.0 TTG		U A	5345	COMPOSITE	1/2	12.0 TTG		U A
9710	COMP+CAN	5/16	8.0 TTG		U A	5346	COMPOSITE	3/4	19.0 TTG		U A
9711	COMP+CAN	3/8	10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Bradenton, FL:					
9712	COMP+CAN	1/2	12.0 TTG		U A	6189	COMPOSITE	3/16	5.0 TPG (d)		U A
Treaty City Industries Inc. ; Greenville OH:						Trulite Glass and Aluminum Solutions ; Bradenton, FL:					
8373	COMP+CAN	1/8	3.0 TTG (MC)		U A	6190	COMPOSITE	3/8	10.0 TPG (s)		U A
8374	COMP+CAN	5/32	4.0 TTG (IN)		U A	5860	COMPOSITE	3/16	5.0 TTG		U A
Triple Diamond Glass LLC (a PGT Innovations Company) ; Prince George, VA:						Trulite Glass and Aluminum Solutions ; Bradenton, FL:					
9763	COMPOSITE	1/8	3.0 TTG (MC)		U A	4225	COMPOSITE	1/4	6.0 TTG		U A
9764	COMPOSITE	3/16	5.0 TTG (MC)		U A	4226	COMPOSITE	3/8	10.0 TTG		U A
						Trulite Glass and Aluminum Solutions ; Cheswick, PA:					
						1790 COMPOSITE 3/16 5.0 TPG (s) U A					
						4453 COMPOSITE 3/8 10.0 TPG (s) U A					
						1785 COMPOSITE 3/16 5.0 TTG U A					
						1786 COMPOSITE 1/4 6.0 TTG (MC) U A					
						8576 COMPOSITE 5/16 8.0 TTG U A					
						1787 COMPOSITE 3/8 10.0 TTG U A					
						1788 COMPOSITE 1/2 12.0 TTG U A					
						4134 COMPOSITE 5/8 16.0 TTG U A					
						4135 COMPOSITE 3/4 19.0 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
Trulite Glass and Aluminum Solutions ; City of Industry, CA:						Trulite Glass and Aluminum Solutions ; Las Vegas, NV:					
4184	COMPOSITE	3/16	5.0 TTG (MC)		U A	4217	COMPOSITE	1/8	3.0 TPG (s)		U A
4185	COMPOSITE	1/4	6.0 TTG (MC)		U A	4219	COMPOSITE	3/16	5.0 TPG (m)		U A
4186	COMPOSITE	3/8	10.0 TTG		U A	4220	COMPOSITE	1/4	6.0 TPG (s)		U A
4187	COMPOSITE	1/2	12.0 TTG		U A	4221	COMPOSITE	3/8	10.0 TPG (s)		U A
4522	COMPOSITE	5/8	16.0 TTG		U A	4210	COMPOSITE	1/8	3.0 TTG (MC)		U A
4371	COMPOSITE	3/4	19.0 TTG		U A	4212	COMPOSITE	3/16	5.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Columbus, OH:						Trulite Glass and Aluminum Solutions ; Lithia Springs, GA:					
6165	COMPOSITE	1/8	3.0 TPG (m)		U A	6113	COMP+CAN	3/16	5.0 TPG (m)		U A
6166	COMPOSITE	5/32	4.0 TPG (d)		U A	6114	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
6167	COMPOSITE	3/16	5.0 TPG (m)		U A	IN					
6168	COMPOSITE	1/4	6.0 TPG (m)		U A	6115	COMP+CAN	3/8	10.0 TPG (s)		U A
6169	COMPOSITE	3/8	10.0 TPG (s)		U A	6102	COMP+CAN	3/16	5.0 TTG		U A
4745	COMPOSITE	1/8	3.0 TTG		U A	6103	COMP+CAN	1/4	6.0 TTG (MC)		U A
8362	COMPOSITE	5/32	4.0 TTG		U A	6104	COMP+CAN	3/8	10.0 TTG		U A
4746	COMPOSITE	3/16	5.0 TTG		U A	6105	COMP+CAN	1/2	12.0 TTG		U A
4747	COMPOSITE	1/4	6.0 TTG		U A	6106	COMP+CAN	5/8	16.0 TTG		U A
8191	COMPOSITE	5/16	8.0 TTG		U A	6107	COMP+CAN	3/4	19.0 TTG		U A
6159	COMPOSITE	3/8	10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; New Berlin, WI:					
4748	COMPOSITE	1/2	12.0 TTG		U A	5876	COMPOSITE	1/8	3.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Fort Worth, TX:						5318	COMPOSITE	3/16	5.0 TTG (MC)		U A
5404	COMPOSITE	3/16	5.0 TPG (m)		U A	5877	COMPOSITE	1/4	6.0 TTG (MC)		U A
5405	COMPOSITE	3/8	10.0 TPG (m)		U A	5320	COMPOSITE	5/16	8.0 TTG		U A
5397	COMPOSITE	5/32	4.0 TTG		U A	5321	COMPOSITE	3/8	10.0 TTG		U A
5398	COMPOSITE	3/16	5.0 TTG (MC)		U A	5322	COMPOSITE	1/2	12.0 TTG		U A
5399	COMPOSITE	1/4	6.0 TTG (MC)		U A	5896	COMPOSITE	5/8	16.0 TTG		U A
5400	COMPOSITE	3/8	10.0 TTG		U A	5897	COMPOSITE	3/4	19.0 TTG		U A
5401	COMPOSITE	1/2	12.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Orlando, FL:					
6389	COMPOSITE	5/8	16.0 TTG		U A	5189	COMPOSITE	1/8	3.0 TPG (s)		U A
6388	COMPOSITE	3/4	19.0 TTG		U A	5190	COMPOSITE	3/16	5.0 TPG (m)		U A
Trulite Glass and Aluminum Solutions ; Grenada, MS:						5191	COMPOSITE	1/4	6.0 TPG (m)		U A
2787	COMPOSITE	1/8	3.0 TTG (MC)		U A	5192	COMPOSITE	3/8	10.0 TPG (s)		U A
2788	COMPOSITE	3/16	5.0 TTG		U A	5183	COMPOSITE	1/8	3.0 TTG (MC)		U A
2789	COMPOSITE	1/4	6.0 TTG		U A	5185	COMPOSITE	3/16	5.0 TTG (MC)		U A
2840	COMPOSITE	3/8	10.0 TTG		U A	5184	COMPOSITE	1/4	6.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Houston, TX:						5186	COMPOSITE	3/8	10.0 TTG		U A
5433	COMP+CAN	1/8	3.0 TPG (s)		U A	5187	COMPOSITE	1/2	12.0 TTG		U A
3931	COMP+CAN	3/16	5.0 TPG (m)		U A	5680	COMPOSITE	5/8	16.0 TTG		U A
5432	COMP+CAN	1/8	3.0 TTG (MC)		U A	Trulite Glass and Aluminum Solutions ; Phoenix, AZ:					
7018	COMP+CAN	5/32	4.0 TTG		U A	7878	COMPOSITE	5/32	4.0 TPG (d)		U A
3925	COMP+CAN	3/16	5.0 TTG (MC)		U A	5706	COMPOSITE	3/16	5.0 TPG (m)		U A
5483	COMP+CAN	1/4	6.0 TTG (MC)		U A	6759	COMPOSITE	1/4	6.0 TPG (s)		U A
3927	COMP+CAN	3/8	10.0 TTG		U A	5747	COMPOSITE	3/8	10.0 TPG (s)		U A
3928	COMP+CAN	1/2	12.0 TTG		U A	5701	COMPOSITE	5/32	4.0 TTG		U A
5477	COMP+CAN	5/8	16.0 TTG		U A	5702	COMPOSITE	3/16	5.0 TTG (MC)		U A
7828	COMP+CAN	3/4	19.0 TTG		U A	5746	COMPOSITE	1/4	6.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Indianapolis, IN:						5703	COMPOSITE	3/8	10.0 TTG		U A
4750	COMPOSITE	3/16	5.0 TPG (s)		U A	5704	COMPOSITE	1/2	12.0 TTG		U A
4922	COMPOSITE	3/16	5.0 TTG (MC)		U A	Trulite Glass and Aluminum Solutions ; Salt Lake City, UT:					
4923	COMPOSITE	1/4	6.0 TTG (MC)		U A	6006	COMPOSITE	3/16	5.0 TPG (m)		U A
4754	COMPOSITE	3/8	10.0 TTG		U A	6007	COMPOSITE	1/4	6.0 TPG (m)		U A
4753	COMPOSITE	1/2	12.0 TTG		U A	6008	COMPOSITE	3/8	10.0 TPG (s)		U A
7086	COMPOSITE	5/8	16.0 TTG		U A	6447	COMPOSITE	1/8	3.0 TTG (MC)		U A
8798	COMP+CAN	3/4	19.0 TTG		U A	5337	COMPOSITE	3/16	5.0 TTG (MC)		U A
Trulite Glass and Aluminum Solutions ; Knoxville, TN:						5338	COMPOSITE	1/4	6.0 TTG (MC)		U A
4207	COMPOSITE	1/8	3.0 TPG (m)		U A	5339	COMPOSITE	3/8	10.0 TTG		U A
4160	COMPOSITE	3/16	5.0 TPG (m)		U A	5340	COMPOSITE	1/2	12.0 TTG		U A
5134	COMPOSITE	3/8	10.0 TPG (s)		U A	7580	COMPOSITE	5/8	16.0 TTG		U A
4209	COMPOSITE	1/8	3.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Tulsa, OK:					
4827	COMPOSITE	5/32	4.0 TTG		U A	5688	COMPOSITE	1/8	3.0 TPG (s)		U A
4152	COMPOSITE	3/16	5.0 TTG		U A	5448	COMPOSITE	5/32	4.0 TPG (d)		U A
4153	COMPOSITE	1/4	6.0 TTG (MC)		U A	5449	COMPOSITE	3/16	5.0 TPG (m)		U A
4158	COMPOSITE	3/8	10.0 TTG		U A						
4159	COMPOSITE	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
5451	COMPOSITE	3/8	10.0 TPG (s)		U A	3952	COMP+CAN	1/2	12.0 TTG		U A
5687	COMPOSITE	1/8	3.0 TTG (MC)		U A	United Plate Glass of Maryland LLC ; Frederick, MD:					
5443	COMPOSITE	5/32	4.0 TTG (MC)		U A	7889	COMP+CAN	3/16	5.0 TTG		U A
5444	COMPOSITE	3/16	5.0 TTG (MC)		U A	7890	COMP+CAN	1/4	6.0 TTG		U A
5445	COMPOSITE	1/4	6.0 TTG (MC)		U A	7891	COMP+CAN	3/8	10.0 TTG		U A
5446	COMPOSITE	3/8	10.0 TTG		U A	7892	COMP+CAN	1/2	12.0 TTG		U A
5447	COMPOSITE	1/2	12.0 TTG		U A	9183	COMP+CAN	5/8	16.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario:						9184	COMP+CAN	3/4	19.0 TTG		U A
5507	COMP+CAN	5/32	4.0 TTG (MC)		U A	Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan:					
5508	COMP+CAN	3/16	5.0 TTG (MC)		U A	5462	COMP+CAN	1/8	3.0 TTG		U A
5509	COMP+CAN	1/4	6.0 TTG (MC)		U A	5463	COMP+CAN	5/32	4.0 TTG		U A
5510	COMP+CAN	5/16	8.0 TTG (MC)		U A	5407	COMP+CAN	3/16	5.0 TTG		U A
5511	COMP+CAN	3/8	10.0 TTG (MC)		U A	5408	COMP+CAN	1/4	6.0 TTG		U A
5782	COMP+CAN	1/2	12.0 TTG (MC)		U A	6519	COMP+CAN	5/16	8.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Youngsville, NC:						5414	COMP+CAN	3/8	10.0 TTG		U A
5279	COMPOSITE	3/16	5.0 TPG (m)		U A	6520	COMP+CAN	1/2	12.0 TTG		U A
8961	COMPOSITE	3/8	10.0 TPG (s)		U A	Upstate Glass Tempering Inc. ; Middletown, NY:					
9228	COMP+CAN	1/8	3.0 TTG		U A	5157	COMPOSITE	1/4	6.0 TTG		U A
5517	COMPOSITE	5/32	4.0 TTG		U A	4927	COMPOSITE	3/8	10.0 TTG		U A
5273	COMPOSITE	3/16	5.0 TTG (MC)		U A	5158	COMPOSITE	1/2	12.0 TTG		U A
5274	COMPOSITE	1/4	6.0 TTG (MC)		U A	US Glass Depot LLC ; Plainview, NY:					
5518	COMPOSITE	5/16	8.0 TTG		U A	9153	COMPOSITE	3/16	5.0 TTG (MC)		U A
5275	COMPOSITE	3/8	10.0 TTG		U A	9154	COMPOSITE	1/4	6.0 TTG (MC)		U A
5276	COMPOSITE	1/2	12.0 TTG		U A	9155	COMPOSITE	3/8	10.0 TTG		U A
6009	COMPOSITE	5/8	16.0 TTG		U A	9156	COMPOSITE	1/2	12.0 TTG		U A
5277	COMPOSITE	3/4	19.0 TTG		U A	US Glass Tempering Inc. ; San Leandro, CA:					
Tweddells Inc. ; Santa Ana, CA:						7996	COMPOSITE	3/8	10.0 TPG (s)		U A
5384	COMP+CAN	1/8	3.0 TTG		U A	7156	COMPOSITE	1/8	3.0 TTG		U A
4993	COMP+CAN	3/16	5.0 TTG (MC)		U A	7159	COMPOSITE	3/16	5.0 TTG		U A
5385	COMP+CAN	1/4	6.0 TTG		U A	7157	COMPOSITE	1/4	6.0 TTG		U A
5386	COMP+CAN	3/8	10.0 TTG		U A	7160	COMPOSITE	3/8	10.0 TTG		U A
U.S. Glass Distributors Inc. ; Enfield, CT:						7161	COMPOSITE	1/2	12.0 TTG		U A
5917	COMP+CAN	5/32	4.0 TPG (d)		U A	US Tempering LLC ; Maspeth, NY:					
5918	COMP+CAN	3/16	5.0 TPG (m)		U A	4900	COMPOSITE	3/16	5.0 TTG (MC)		U A
5920	COMP+CAN	3/8	10.0 TPG (s)(IN) IN		U A	4901	COMPOSITE	1/4	6.0 TTG (MC)		U A
5921	COMP+CAN	1/8	3.0 TTG (MC)		U A	4902	COMPOSITE	3/8	10.0 TTG		U A
5922	COMP+CAN	3/16	5.0 TTG (MC)		U A	4903	COMPOSITE	1/2	12.0 TTG		U A
5923	COMP+CAN	1/4	6.0 TTG (MC)		U A	VA Glass, LLC. ; Ridgeway, VA:					
5924	COMP+CAN	5/16	8.0 TTG		U A	12 IN	COMPOSITE	3/16	5.0 TTG (IN)		U A
5925	COMP+CAN	3/8	10.0 TTG		U A	14	COMPOSITE	1/4	6.0 TTG		U A
5926	COMP+CAN	1/2	12.0 TTG		U A	8116	COMPOSITE	5/16	8.0 TTG		U A
5927	COMP+CAN	5/8	16.0 TTG		U A	93	COMPOSITE	3/8	10.0 TTG		U A
6157	COMP+CAN	3/4	19.0 TTG		U A	94	COMPOSITE	1/2	12.0 TTG		U A
Uniglass ; Riyadh, Saudi Arabia:						2182	COMPOSITE	5/8	16.0 TTG		U A
8404	COMP+CAN	1/4	6.0 TTG		U A	95	COMPOSITE	3/4	19.0 TTG		U A
7030	COMPOSITE	5/16	8.0 TTG		U A	Valentini Glass & Components srl ; Calcinato, Province of Brescia:					
7031	COMPOSITE	3/8	10.0 TTG		U A	4246	COMPOSITE	5/32	4.0 TBG (MC)		U A
7032	COMPOSITE	*	12.0 TTG (7)		U A	7826	COMPOSITE	3/16	5.0 TBG (MC)		U A
United Plate Glass Co., Inc. ; Butler, PA:						2898	COMPOSITE	1/4	6.0 TBG (MC)		U A
6375	COMP+CAN	5/32	4.0 TPG (m)		U A	2423	COMPOSITE	5/32	4.0 TTG (MC)		U A
2467	COMP+CAN	1/8	3.0 TTG (MC)		U A	7825	COMPOSITE	3/16	5.0 TTG (MC)		U A
2468	COMP+CAN	3/16	5.0 TTG (MC)		U A	6816	COMPOSITE	*	12.0 TTG (3)		U A
9241	COMP+CAN	1/4	6.0 TTG		U A	Vandaglas Eckelt GmbH ; Steyr, Austria:					
9227	COMP+CAN	3/8	10.0 TTG		U A	2850	COMPOSITE	1/4	6.0 TTG		U A
2471	COMP+CAN	1/2	12.0 TTG		U A	2851	COMPOSITE	5/16	8.0 TTG		U A
United Plate Glass Company of Charlotte ; Lincolnton, NC:						2852	COMPOSITE	3/8	10.0 TTG		U A
3954	COMP+CAN	1/8	3.0 TPG (s)		U A	2853	COMPOSITE	*	12.0 TTG (4)		U A
4636	COMPOSITE	5/32	4.0 TPG (m)		U A	2854	COMPOSITE	*	15.0 TTG (4)(IN) IN		U A
3955	COMP+CAN	3/16	5.0 TPG (s)		U A	2855	COMPOSITE	3/4	19.0 TTG (IN) IN		U A
3948	COMP+CAN	1/8	3.0 TTG (MC)		U A	Verre Select Inc. ; Terrebonne, Quebec:					
4197	COMPOSITE	5/32	4.0 TTG		U A	9277	COMP+CAN	1/8	3.0 TPG (s)		U A
3949	COMP+CAN	3/16	5.0 TTG (MC)		U A						
3950	COMP+CAN	1/4	6.0 TTG (MC)		U A						
3951	COMP+CAN	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
9282	COMP+CAN	1/8	3.0 TTG (MC)		U A	6536	COMPOSITE	3/16	5.0 TTG		U A
9281	COMP+CAN	3/16	5.0 TTG (MC)		U A	6537	COMPOSITE	1/4	6.0 TTG		U A
9280	COMP+CAN	(*)	6.0 TTG (3)		U A	6538	COMPOSITE	3/8	10.0 TTG		U A
9279	COMP+CAN	3/8	10.0 TTG		U A	6539	COMPOSITE	1/2	12.0 TTG		U A
9278	COMP+CAN	1/2	12.0 TTG		U A	Vitelsa Mosquera ; Bogota, Cundinamarca:					
Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza:						7719	COMPOSITE	3/8	10.0 TTG		U A
8105	COMPOSITE	1/4	6.0 TTG		U A	7401	COMPOSITE	1/2	12.0 TTG		U A
7855	COMPOSITE	5/16	8.0 TTG		U A	Vitalum Glass Solutions Inc. ; Altamonte Springs, FL:					
7856	COMPOSITE	3/8	10.0 TTG		U A	7853	COMPOSITE	3/8	10.0 TTG		U A
7857	COMPOSITE	1/2	12.0 TTG		U A	8107	COMPOSITE	1/2	12.0 TTG		U A
Vetriko S.A. ; Duran, Guayas:						Vitre-Art C.A.B. (1988) Inc. ; Montreal Nord, Quebec:					
8769	COMPOSITE	1/4	6.0 TTG		U A	9065	COMP+CAN	1/8	3.0 TTG		U A
8770	COMPOSITE	5/16	8.0 TTG		U A	9066	COMP+CAN	5/32	4.0 TTG		U A
8771	COMPOSITE	3/8	10.0 TTG		U A	9067	COMP+CAN	3/16	5.0 TTG		U A
Vetrodomus SpA ; Brescia, Province of Brescia:						Vitro Architectural Glass ; Barrie, Ontario:					
7492	COMPOSITE	1/4	6.0 TTG (MC)		U A	7083	COMP+CAN	5/32	4.0 TPG (m)		U A
7493	COMPOSITE	5/16	8.0 TTG (MC)		U A	5207	COMP+CAN	1/8	3.0 TTG (MC)		U A
7494	COMPOSITE	3/8	10.0 TTG (MC)		U A	5204	COMP+CAN	5/32	4.0 TTG (MC)		U A
Vidplex Universal S.A.S ; Bogota, Bogota DC:						5205	COMP+CAN	3/16	5.0 TTG (MC)		U A
8994	COMPOSITE	3/16	5.0 TTG		U A	5206	COMP+CAN	1/4	6.0 TTG		U A
8995	COMPOSITE	1/4	6.0 TTG (MC)		U A	Vitro Flat Glass, LLC ; Wichita Falls, TX:					
8996	COMPOSITE	3/8	10.0 TTG		U A	1110	COMP+CAN	1/8	3.0 TTG		U A
Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon:						1111	COMP+CAN	5/32	4.0 TTG		U A
4966	COMP+CAN	1/4	6.0 TTG		U A	1112	COMP+CAN	3/16	5.0 TTG		U A
4967	COMP+CAN	3/8	10.0 TTG		U A	1113	COMP+CAN	1/4	6.0 TTG		U A
Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon:						3577	COMP+CAN	5/16	8.0 TTG		U A
5840	COMP+CAN	1/4	6.0 TTG (MC)		U A	3578	COMP+CAN	3/8	10.0 TTG		U A
5781	COMP+CAN	3/8	10.0 TTG		U A	Vitrum Industries Ltd. ; Langley, British Columbia:					
Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon:						7720	COMP+CAN	1/8	3.0 TPG (s)		U A
7735	COMP+CAN	1/8	3.0 TTG (MC)		U A	7721	COMP+CAN	5/32	4.0 TPG (m)		U A
8381	COMP+CAN	5/32	4.0 TTG		U A	7722	COMP+CAN	3/16	5.0 TPG (m)		U A
8382	COMP+CAN	3/16	5.0 TTG		U A	7790	COMP+CAN	1/4	6.0 TPG (m)		U A
8383	COMP+CAN	1/4	6.0 TTG (MC)		U A	7723	COMP+CAN	1/8	3.0 TTG (MC)		U A
View Inc. ; Olive Branch, MS:						7118	COMP+CAN	5/32	4.0 TTG (MC)		U A
7961	COMP+CAN	3/16	5.0 TTG		U A	7119	COMP+CAN	3/16	5.0 TTG (MC)		U A
4728	COMP+CAN	1/4	6.0 TTG (MC)		U A	7117	COMP+CAN	1/4	6.0 TTG (MC)		U A
7107	COMP+CAN	5/16	8.0 TTG (MC)		U A	7120	COMP+CAN	5/16	8.0 TTG (MC)		U A
7108	COMP+CAN	3/8	10.0 TTG (MC)		U A	8291	COMP+CAN	3/8	10.0 TTG (MC)		U A
Viewrail ; Goshen, IN Eisenhower Dr. North:						7122	COMP+CAN	1/2	12.0 TTG		U A
9676	COMP+CAN	3/8	10.0 TTG		U A	8292	COMP+CAN	5/8	16.0 TTG		U A
Viracon Inc. ; Owatonna, MN:						7381	COMP+CAN	3/4	19.0 TTG		U A
4354	COMP+CAN	5/32	4.0 TTG (MC)		U A	Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta:					
1403	COMP+CAN	3/16	5.0 TTG (MC)		U A	9134	COMP+CAN	3/16	5.0 TPG (m)		U A
1404	COMP+CAN	1/4	6.0 TTG (MC)		U A	9135	COMP+CAN	1/4	6.0 TPG (m)		U A
3689	COMP+CAN	5/16	8.0 TTG (MC)		U A	7530	COMP+CAN	5/32	4.0 TTG		U A
1508	COMP+CAN	3/8	10.0 TTG (MC)		U A	7531	COMP+CAN	3/16	5.0 TTG		U A
1509	COMP+CAN	1/2	12.0 TTG (MC)		U A	7532	COMP+CAN	1/4	6.0 TTG		U A
Vision En Cristal Y Aluminio SA DE CV ; Santa Catarina, Nuevo Leon:						7533	COMP+CAN	5/16	8.0 TTG		U A
8692	COMP+CAN	5/32	4.0 TTG (MC)		U A	7534	COMP+CAN	3/8	10.0 TTG		U A
8693	COMP+CAN	1/4	6.0 TTG (MC)		U A	7535	COMP+CAN	1/2	12.0 TTG		U A
8694	COMP+CAN	3/8	10.0 TTG		U A	Viwinco, Inc. ; Morgantown, PA:					
Vista Glass Corporation ; Vaughan, Ontario:						6803	COMPOSITE	1/8	3.0 TPG (s)		U A
8444	COMP+CAN	3/16	5.0 TTG (MC)		U A	3074	COMPOSITE	1/8	3.0 TTG (MC)		U A
8445	COMP+CAN	1/4	6.0 TTG (MC)		U A	3405	COMPOSITE	3/16	5.0 TTG (MC)		U A
8446	COMP+CAN	5/16	8.0 TTG		U A	W. A. Wilson Inc. ; Wheeling, WV:					
8447	COMP+CAN	3/8	10.0 TTG		U A	5173	COMPOSITE	1/8	3.0 TPG (d)		U A
8448	COMP+CAN	1/2	12.0 TTG		U A	4169	COMPOSITE	1/8	3.0 TTG		U A
Vistamatic, LLC ; Coral Springs, FL:						4170	COMPOSITE	3/16	5.0 TTG		U A
6535	COMPOSITE	5/32	4.0 TTG		U A	4171	COMPOSITE	1/4	6.0 TTG (MC)		U A
						4172	COMPOSITE	3/8	10.0 TTG		U A
						4173	COMPOSITE	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
W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA:						5594	COMPOSITE	3/16	5.0 TPG (s)		U A
6088	COMP+CAN	1/8	3.0 TPG (s)		U A	5595	COMPOSITE	1/4	6.0 TPG (m)		U A
6089	COMP+CAN	5/32	4.0 TPG (m)		U A	5596	COMPOSITE	3/8	10.0 TPG (m)		U A
6090	COMP+CAN	3/16	5.0 TPG (d)		U A	5597	COMPOSITE	1/2	12.0 TPG (m)		U A
6084	COMP+CAN	1/8	3.0 TTG (MC)		U A	5585	COMPOSITE	1/8	3.0 TTG (MC)		U A
6085	COMP+CAN	5/32	4.0 TTG (MC)		U A	5587	COMPOSITE	3/16	5.0 TTG (MC)		U A
6086	COMP+CAN	3/16	5.0 TTG (MC)		U A	5588	COMPOSITE	1/4	6.0 TTG		U A
6087	COMP+CAN	1/4	6.0 TTG (MC)		U A	5589	COMPOSITE	3/8	10.0 TTG		U A
8181	COMP+CAN	5/16	8.0 TTG (MC)		U A	5590	COMPOSITE	1/2	12.0 TTG		U A
7075	COMP+CAN	3/8	10.0 TTG (MC)		U A	W-M Glass sp. zo.o. ; Bartoszyce, Poland:					
7076	COMP+CAN	1/2	12.0 TTG		U A	9745	COMP+CAN	1/4	6.0 TTG		U A
Washington Glass Fabrication LLC. ; Manassas, VA:						9746	COMP+CAN	5/16	8.0 TTG		U A
8536	COMPOSITE	1/4	6.0 TTG		U A	Wolverine Glass Products, Inc. ; Wyoming, MI:					
8537	COMPOSITE	3/8	10.0 TTG		U A	7986	COMP+CAN	1/8	3.0 TPG (m)		U A
8538	COMPOSITE	1/2	12.0 TTG		U A	7987	COMP+CAN	5/32	4.0 TPG (d)		U A
9284	COMPOSITE	5/8	16.0 TTG		U A	8036	COMP+CAN	1/8	3.0 TTG (MC)		U A
9285	COMPOSITE	3/4	19.0 TTG		U A	7981	COMP+CAN	5/32	4.0 TTG		U A
Werkman (Shandong) Vacuum Glass Technology Co., Ltd. ; Jinan, Shandong:						7982	COMP+CAN	3/16	5.0 TTG		U A
9229	COMPOSITE	3/8	10.0 VIGT (MC)		U A	8037	COMP+CAN	1/4	6.0 TTG (MC)		U A
West Seal Ltd.(AWG Northern Dist.) ; Prince George, British Columbia:						7983	COMP+CAN	5/16	8.0 TTG		U A
8689	COMP+CAN	5/32	4.0 TTG (MC)		U A	7984	COMP+CAN	3/8	10.0 TTG		U A
8690	COMP+CAN	3/16	5.0 TTG (MC)		U A	7985	COMP+CAN	1/2	12.0 TTG		U A
8691	COMP+CAN	1/4	6.0 TTG (MC)		U A	Woodbridge Glass Distribution Inc. ; Concord, Ontario:					
9670	COMP+CAN	3/8	10.0 TTG (MC)		U A	7903	COMP+CAN	5/32	4.0 TPG (m)		U A
9671	COMP+CAN	1/2	12.0 TTG (MC)		U A	7904	COMP+CAN	3/16	5.0 TPG (s)		U A
Wexford Viking Glass Limited ; Wexford, Leinster:						7905	COMP+CAN	3/8	10.0 TPG (s)		U A
8287	COMP+CAN	1/4	6.0 TTG		U A	7896	COMP+CAN	1/8	3.0 TTG (MC)		U A
Whalley Glass Co ; Derby, CT:						7897	COMP+CAN	5/32	4.0 TTG (MC)		U A
8808	COMPOSITE	1/8	3.0 TTG		U A	7898	COMP+CAN	3/16	5.0 TTG (MC)		U A
6227	COMPOSITE	3/16	5.0 TTG		U A	7899	COMP+CAN	1/4	6.0 TTG (MC)		U A
6228	COMPOSITE	1/4	6.0 TTG		U A	7900	COMP+CAN	5/16	8.0 TTG		U A
9163	COMPOSITE	3/8	10.0 TTG		U A	7901	COMP+CAN	3/8	10.0 TTG		U A
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates:						7902	COMP+CAN	1/2	12.0 TTG		U A
7085	COMP+CAN	5/32	4.0 TTG		U A	Woon-Tech Inc. ; Whitinsville, MA:					
4598	COMP+CAN	1/4	6.0 TTG (MC)		U A	6364	COMP+CAN	1/8	3.0 TTG		U A
4597	COMP+CAN	5/16	8.0 TTG (MC)		U A	6365	COMP+CAN	5/32	4.0 TTG		U A
7477	COMP+CAN	3/8	10.0 TTG (MC)		U A	6366	COMP+CAN	3/16	5.0 TTG		U A
Wholesale Glass Dist. ; Memphis, TN:						6367	COMP+CAN	1/4	6.0 TTG		U A
7703	COMPOSITE	1/8	3.0 TTG (MC)		U A	6368	COMP+CAN	3/8	10.0 TTG		U A
4379	COMPOSITE	3/16	5.0 TTG		U A	6369	COMP+CAN	1/2	12.0 TTG		U A
4380	COMPOSITE	1/4	6.0 TTG (MC)		U A	WSD Glass, Inc. ; Winston-Salem, NC:					
4381	COMPOSITE	3/8	10.0 TTG		U A	4048	COMPOSITE	3/16	5.0 TTG		U A
4382	COMPOSITE	1/2	12.0 TTG		U A	4049	COMPOSITE	1/4	6.0 TTG		U A
WHTB Glass, LLC ; Shirley, NY:						4052	COMPOSITE	3/8	10.0 TTG		U A
7741	COMP+CAN	3/16	5.0 TTG (MC)		U A	4050	COMPOSITE	1/2	12.0 TTG		U A
7742	COMP+CAN	1/4	6.0 TTG (MC)		U A	Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu:					
7743	COMP+CAN	5/16	8.0 TTG		U A	6784	COMPOSITE	3/16	5.0 TTG		U A
7744	COMP+CAN	3/8	10.0 TTG		U A	6785	COMPOSITE	1/4	6.0 TTG		U A
7745	COMP+CAN	1/2	12.0 TTG		U A	6786	COMPOSITE	5/16	8.0 TTG		U A
Window Creations, LLC ; Fort Jennings, OH:						6787	COMPOSITE	3/8	10.0 TTG		U A
8127	COMP+CAN	3/16	5.0 TTG		U A	6788	COMPOSITE	1/2	12.0 TTG		U A
8128	COMP+CAN	1/4	6.0 TTG		U A	6789	COMPOSITE	*	15.0 TTG (4)		U A
8129	COMP+CAN	3/8	10.0 TTG		U A	Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian:					
8130	COMP+CAN	1/2	12.0 TTG (IN)		U A	8484	COMP+CAN	1/8	3.0 TTG		U A
WinTech ; Monett, MO:						8348	COMP+CAN	5/32	4.0 TTG		U A
6433	COMP+CAN	1/8	3.0 TTG (MC)		U A	7948	COMP+CAN	3/16	5.0 TTG		U A
6434	COMP+CAN	1/4	6.0 TTG (MC)		U A	7949	COMP+CAN	1/4	6.0 TTG		U A
Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI:						8485	COMP+CAN	5/16	8.0 TTG		U A
5592	COMPOSITE	1/8	3.0 TPG (s)		U A	7950	COMP+CAN	3/8	10.0 TTG		U A
						8682	COMP+CAN	1/2	12.0 TTG		U A
						Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei:					
						5979	COMP+CAN	3/16	5.0 TTG		U A
						6004	COMP+CAN	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
6005	COMP+CAN	5/16	8.0 TTG		U A	9022	COMP+CAN	5/16	8.0 TTG		U A
5980	COMP+CAN	3/8	10.0 TTG		U A	9023	COMP+CAN	3/8	10.0 TTG		U A
5981	COMP+CAN	1/2	12.0 TTG		U A	9024	COMP+CAN	*	12.0 TTG (3)		U A
5982	COMP+CAN	*	15.0 TTG (4)		U A	Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province:					
5983	COMP+CAN	3/4	19.0 TTG		U A	6453	COMP+CAN	1/4	6.0 TTG		U A
Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin:						6454	COMP+CAN	5/16	8.0 TTG		U A
5532	COMP+CAN	3/16	5.0 TTG (MC)		U A	6455	COMP+CAN	3/8	10.0 TTG		U A
5533	COMP+CAN	1/4	6.0 TTG (MC)		U A	8528	COMP+CAN	*	12.0 TTG (3)		U A
5534	COMP+CAN	5/16	8.0 TTG (MC)		U A	Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong Province:					
5535	COMP+CAN	3/8	10.0 TTG (MC)		U A	7066	COMP+CAN	3/16	5.0 TBG		U A
5536	COMP+CAN	1/2	12.0 TTG (MC)		U A	5894	COMP+CAN	1/4	6.0 TBG		U A
6329	COMP+CAN	*	15.0 TTG (4)(MC)		U A	6879	COMP+CAN	5/16	8.0 TBG		U A
Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning:						6877	COMP+CAN	5/32	4.0 TTG		U A
6848	COMP+CAN	1/4	6.0 TTG (MC)		U A	5890	COMP+CAN	3/16	5.0 TTG		U A
6849	COMP+CAN	5/16	8.0 TTG (MC)		U A	5891	COMP+CAN	1/4	6.0 TTG		U A
6850	COMP+CAN	3/8	10.0 TTG (MC)		U A	5892	COMP+CAN	5/16	8.0 TTG		U A
6851	COMP+CAN	1/2	12.0 TTG (MC)		U A	5893	COMP+CAN	3/8	10.0 TTG		U A
Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province:						8789	COMP+CAN	1/2	12.0 TTG		U A
3085	COMP+CAN	3/16	5.0 TTG (MC)		U A	Yorglass Cam Sanayi Ve Ticaret A.S. ; Yunusemre, Manisa:					
3053	COMP+CAN	1/4	6.0 TTG (MC)		U A	8408	COMPOSITE	1/8	3.0 TTG		U A
4648	COMP+CAN	5/16	8.0 TTG (MC)		U A	8409	COMPOSITE	5/32	4.0 TTG		U A
3054	COMP+CAN	3/8	10.0 TTG (MC)		U A	Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu:					
3055	COMP+CAN	*	12.0 TTG (4)(MC)		U A	5465	COMP+CAN	3/8	10.0 TTG		U A
4179	COMP+CAN	*	15.0 TTG (4)(MC)		U A	5466	COMP+CAN	1/2	12.0 TTG		U A
Yakut Cam A.S ; Sancaktepe, Istanbul:						Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Suzhou, Jiangsu:					
7957	COMP+CAN	1/4	6.0 TTG		U A	5737	COMP+CAN	1/8	3.0 TTG		U A
7958	COMP+CAN	5/16	8.0 TTG		U A	5738	COMP+CAN	5/32	4.0 TTG		U A
7959	COMP+CAN	3/8	10.0 TTG		U A	Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province:					
7960	COMP+CAN	1/2	12.0 TTG		U A	8563	COMP+CAN	1/4	6.0 TTG		U A
Yantai Bluesky Glass Co., Ltd ; Yantai, Shandong:						8564	COMP+CAN	5/16	8.0 TTG		U A
8288	COMPOSITE	5/32	4.0 TTG		U A	8565	COMP+CAN	3/8	10.0 TTG		U A
8289	COMPOSITE	1/4	6.0 TTG		U A	8566	COMP+CAN	*	12.0 TTG (4)		U A
8290	COMPOSITE	3/8	10.0 TTG		U A	Zhejiang Jincheng Glass Co., Ltd. ; Huzhou, Zhejiang:					
Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong:						8205	COMP+CAN	5/32	4.0 TBG		U A
8234	COMP+CAN	3/16	5.0 TTG		U A	8206	COMP+CAN	3/16	5.0 TBG		U A
8235	COMP+CAN	1/4	6.0 TTG		U A	6676	COMP+CAN	1/8	3.0 TTG		U A
8236	COMP+CAN	3/8	10.0 TTG		U A	8209	COMP+CAN	5/32	4.0 TTG		U A
Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong Province:						Zhejiang Pusaisi Intelligent Glass Co., LTD ; Shaoxing City, Zhejiang:					
3742	COMP+CAN	3/16	5.0 TBG		U A	8669	COMP+CAN	1/4	6.0 TPG (s)		U A
3743	COMP+CAN	1/4	6.0 TBG		U A	8666	COMP+CAN	5/32	4.0 TTG		U A
3736	COMP+CAN	5/32	4.0 TTG		U A	8667	COMP+CAN	1/4	6.0 TTG		U A
3737	COMP+CAN	3/16	5.0 TTG		U A	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
3741	COMP+CAN	*	12.0 TTG (3)		U A	8496	COMP+CAN	1/4	6.0 TTG (MC)		U A
Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli:						8497	COMP+CAN	5/16	8.0 TTG (MC)		U A
8677	COMPOSITE	1/4	6.0 TTG (MC)		U A	8498	COMP+CAN	3/8	10.0 TTG (MC)		U A
8678	COMPOSITE	5/16	8.0 TTG (MC)		U A	Zhongshan Shengchang Glass Product Ltd. ; Zhongshan, Guangdong:					
7923	COMPOSITE	3/8	10.0 TTG (MC)		U A	9696	COMPOSITE	1/4	6.0 TTG		U A
7924	COMPOSITE	1/2	12.0 TTG (3)		U A	9697	COMPOSITE	5/16	8.0 TTG		U A
8680	COMPOSITE	*	15.0 TTG (4)		U A	9698	COMPOSITE	3/8	10.0 TTG		U A
Yin Fu (Dong Guan) Glass Co., Ltd. ; Dongguan, Guangdong Province:						Zhongshan Walle Glass Product Co., Ltd ; Zhongshan, Guangdong Province:					
9027	COMP+CAN	3/16	5.0 TBG		U A	8142	COMPOSITE	1/4	6.0 TTG		U A
9028	COMP+CAN	1/4	6.0 TBG		U A	8143	COMPOSITE	5/16	8.0 TTG		U A
9029	COMP+CAN	5/16	8.0 TBG		U A	8144	COMPOSITE	3/8	10.0 TTG		U A
9025	COMP+CAN	5/32	4.0 TPG (m)		U A	Zhongshan Xinghe Glass Co., Ltd. ; Zhongshan, Guangdong Province:					
9026	COMP+CAN	1/4	6.0 TPG (s)		U A	9294	COMP+CAN	1/4	6.0 TTG		U A
9112	COMP+CAN	3/8	10.0 TPG (s)		U A						
9018	COMP+CAN	1/8	3.0 TTG		U A						
9019	COMP+CAN	5/32	4.0 TTG		U A						
9020	COMP+CAN	3/16	5.0 TTG		U A						
9021	COMP+CAN	1/4	6.0 TTG		U A						

7/1/2024

Certified Products-Alphabetical By Plant-Tempered/Other

<i>SGCC #</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i>	<i>ANSI</i>	<i>SGCC #</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i>	<i>ANSI</i>
		<i>(THICKNESS CLASS)</i>		<i>CERTIFIED</i>	<i>CLASS</i>			<i>(THICKNESS CLASS)</i>		<i>CERTIFIED</i>	<i>CLASS</i>
9295	COMP+CAN	5/16	8.0 TTG		U A						
9296	COMP+CAN	3/8	10.0 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							
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							
Cross Reeded	AGC		D				M							
Delta	AGC		D				M							
Digital*	Pilkington													
Esto	Guardian						M			M	M			
Estrado/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						M							
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											

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 D	Saint Gobain		M											
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											
Niagara	Guardian	D	M	M		M	M			S	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											
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				
Rattan*	Pilkington	M												
Rayado*	Pilkington			S										
Reed	Saint Gobain						M							
Reeded*	Pilkington		D	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											
Tetra	Guardian		M											
Textured Flutex	AGC			D			D			M				
Thela	Saint Gobain		S				S	S						
Velvex	AGC	S	S	S	S	S								
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	(p) Polyethylene Terephthalate	(ev) Ethylene-Vinyl Acetate	
(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(u) Polyurethane	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	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)	✓
		Eastman Chemical Company	Saflex Specialty	Saflex Q, AG, DB/DS	(0.030)	✓
		Eastman Chemical Company	Saflex Composite	Saflex V, K series	(0.030)	✓
		Eastman Chemical Company	Saflex FlySafe 3D		(0.060)	✓
		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)	✓
		Kuraray	Trosifol Specialties	SentryGlas Expressions, Extra Stiff (ES), SC Monolayer, Solar R40 (B900)	(0.030)	✓
		Chang Chun	Winlite		(0.015)	✓
		Sekisui S-Lec	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film		(0.030)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™	NCO, LAM50, LCM50	(0.015)	✓
		Everlam B.V. (formerly N.V.)	EVERLAM™ SUPER TOUGH	LAM72T	(0.030)	✓
		Kingboard (FO Gang) Specialty Resins Ltd.	Kingboard		(0.015)	✓
		Anhui Wanwei Bisheng Co., Ltd.	Bisn©		(0.030)	✓
		Gutmann PVB Plastic Sheets Manufacturing LLC	Gutmann PVB	Clear	(0.030)	✓
Zhejiang Decent New Material Co., Ltd.	Architectural PVB		(0.030)	✓		
(u)	Polyurethane	SWM International	ArgoBond®	ST-6050	(0.050)	✓
(ip)	Ionoplast	Kuraray	Trosifol SentryGlas®, SentryGlas® BirdSecure Pro		(0.035)	✓
		Kuraray	Trosifol SentryGlas® Xtra™		(0.035)	✓
		China E&N Film Technology	ENsafe-MG		(0.030)	✓
		Fujian Meidi Plastic Technology Co., Ltd.	R-SGP		(0.060)	✓
(lu)	Liquid Resin - UV Cure	Bestroom Co. Ltd.	UVLAM		(0.040)	✓
		H.B. Fuller- Kommerling	Kodilan GS-LED		(0.040)	✓
		ALLNEX	UVEKOL		(0.040)	✓
(ev)	Ethylene-Vinyl Acetate	Interlayer Solutions, inc.	EVALAYER		(0.015)	✓

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	(p) Polyethylene Terephthalate	(ev) Ethylene-Vinyl Acetate	
(ip) Ionoplast	(el) Epoxy-Liquid Crystal Polymer	(u) Polyurethane	(su) Solid resin UV cure	(PRO) Proprietary		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Min. Interlayer Thickness (in.)	Weathering Data on file
(ev)	(Continued)	Folienwerk Wolfen GmbH	Evguard® - UV380, Polar White, Milky White		(0.015)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Crystal		(0.015)	✓
		Hornos Industriales Pujol, S.A.	EVALAM Visual		(0.015)	✓
		RCN Solution SRL	REVA BF		(0.015)	✓
		IGE Supply Solutions, Inc.	Shenzhen Gaoren Electronic New Material Co.,Ltd - ASQ1X Extra Clear EVA Film		(0.015)	✓
		SWM International	ArgoBond®	SE-381TF	(0.030)	✓
		TPI All Seasons Company Ltd.	Vistasafe- VS103		(0.015)	✓
		Satinal SPA	Strato		(0.015)	✓
		Shanghai HIUV New Materials Co., Ltd.	HIUV-PVE		(0.015)	✓
(ev)(p)	Ethylene-Vinyl Acetate / Polyethylene Terephthalate	Folienwerk Wolfen GmbH	Evguard®+ MPE		(.015)(.008)(.015)	✓
(el)(p)	Epoxy-Liquid Crystal Polymer / Polyethylene Terephthalate	Polytronix, Inc.	Polyvision Film		(0.075)	✓
(su)	Solid resin UV cure	Seeory Materials Corp	Seeory Interlayer		(0.030)	✓

**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
<p>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</p>	<p>165 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1701 Westfork Dr., Suite 106; Lithia Springs, GA 30122 Attn: Mr. Brock, Austin Viness, Mr. Clyde Warren, Daniel Carroll, Ms. Andrea Torrey Phone: (770) 941-6916 Fax: (770) 941-2930 Email: austin.viness@intertek.com, clyde.warren@intertek.com, daniel.carroll@intertek.com, andrea.torrey@intertek.com</p>
<p>250 - Construction Consulting Laboratory Inc. Construction Consulting Laboratory Inc., Western Division, 4751 W State St Ste B; Ontario, CA 91762 Attn: Mr. Jack Jackson, Mr. Chad Jackson, Ms. Cheyenne Jackson Phone: (909) 591-1789 Fax: (909) 627-9020 Email: Jack@ccl-west.com, chad@ccl-west.com, cheyenne@ccl-west.com</p>	<p>Iowa</p>
<p>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 Phone: (561) 508-2830 Fax: (888) 704-4084 Email: mikecaldwell@blackwatertesting.com, wsherman@blackwatertesting.com</p>	<p>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</p>
<p>Florida</p>	<p>Minnesota</p>
<p>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</p>	<p>150 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 40 51st Way NE Suite 100; Fridley, MN Attn: Mr. Eric Schoenthaler, Mr. John Wegscheider, Mr. Lukas Bayer, Ms. Jacky Carter Phone: (651) 636-3835 Fax: (651) 636-3843 Email: eric.schoenthaler@intertek.com, John.Wegscheider@intertek.com, lukas.bayer@intertek.com, jacqueline.carter@intertek.com</p>
<p>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</p>	<p>New York</p>
	<p>400 - Intertek Intertek, 75 Clinton Avenue; Cortland, NY 13045 Attn: Mr. Russell Mantey, Mr. Ken Morgan, Ms. Pam Springer Phone: (607) 758-6687 Fax: (607) 758-6666 Email: russell.mantey@intertek.com, ken.morgan@intertek.com, pam.springer@intertek.com</p>

**SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN
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Ohio	Washington
<p>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</p>	<p>195 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 22155 68th Ave. South; Kent, WA 98032-1937 Attn: Mr. Dauda Sanoh, Ms. Rachel Pankaskie Phone: (253) 395-5656 Fax: (717) 764-4129 Email: dauda.sanoh@intertek.com, rachel.pankaskie@intertek.com</p>
Pennsylvania	Canada
<p>100 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 130 Derry Court; York, PA 17406-9405 Attn: Mr. Todd Wilt, Mr. Chad Peterman, Mr. Thomas Mickley Phone: (717) 764-7700 Fax: (717) 764-4129 Email: todd.wilt@intertek.com, chad.peterman@intertek.com, tom.mickley@intertek.com</p>	Ontario
<p>103 - Architectural Testing Inc. (an Intertek Co.) Architectural Testing Inc. (an Intertek Co.), 850 Poplar Street; Pittsburgh, PA 15220 Attn: Mr. Steve Shank, Mr. Matthew Hollinger, Mr. Daniel Vasko, Mr. Jordan Hammell Phone: (724) 275-7100 Fax: Email: Stephen.Shank@Intertek.com, matthew.hollinger@intertek.com, daniel.vasko@intertek.com , Jordan.hammell@intertek.com</p>	<p>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</p>
<p>911 - Molimo, LLC. Molimo, LLC., 1410 Eden Road; York, PA 17402 Attn: Mr. Lance Cunningham, Mr. Justin Bupp, Ms. Betsy Rohrbaugh Phone: (717) 916-6300 Fax: (717) 318-5788 Email: lcunningham@molimo.com, jbupp@molimo.com, BRohrbaugh@molimo.com</p>	Canada
<p>911 - Molimo, LLC. Molimo, LLC., 1410 Eden Road; York, PA 17402 Attn: Mr. Lance Cunningham, Mr. Justin Bupp, Ms. Betsy Rohrbaugh Phone: (717) 916-6300 Fax: (717) 318-5788 Email: lcunningham@molimo.com, jbupp@molimo.com, BRohrbaugh@molimo.com</p>	British Columbia
<p>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</p>	<p>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</p>
Texas	
<p>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</p>	

Appendix A

*Guidance for the SGCC Certification
of Laminated Glass*



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

laminated glass 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 laminated glass thickness and cannot be greater than the nominal thickness of the glass plies used in initial testing of the thickest nominal laminated glass 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, laminated glass 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 laminated glass 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 glass 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.

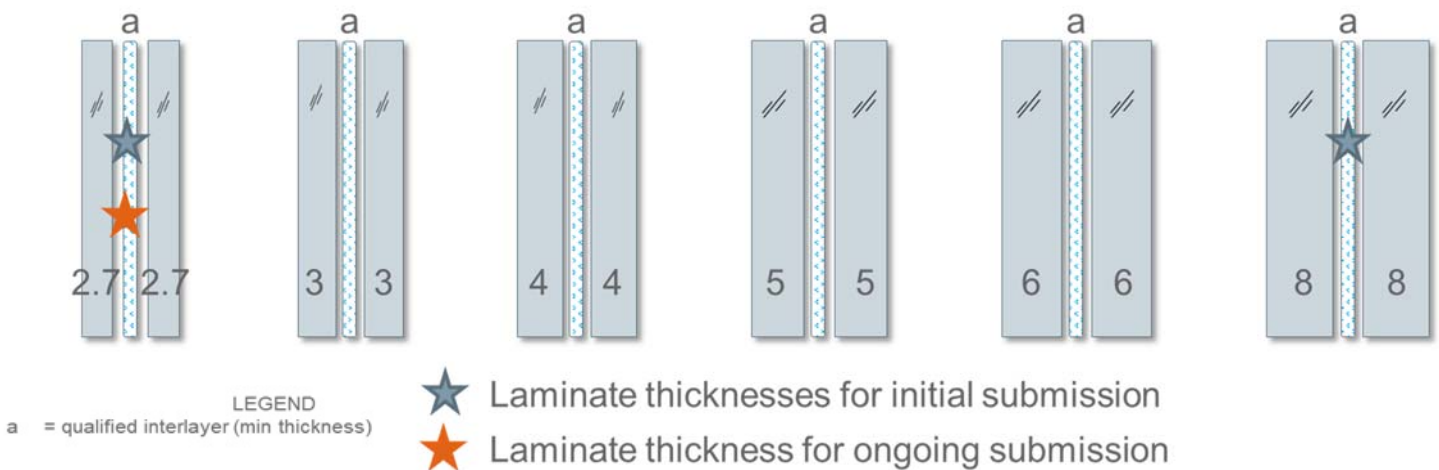


Figure 1 – Example of initial and ongoing laminated glass thickness submissions for certification (symmetrical glasses)



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

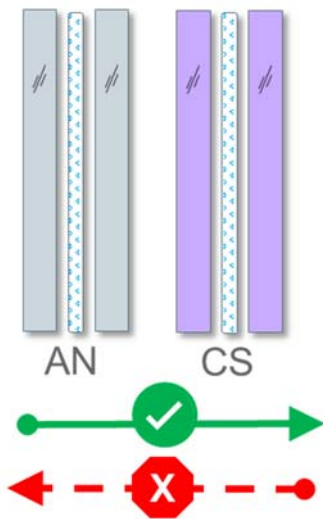


Figure 3: Diagram showing testing needs to change glass Kind for CS glass

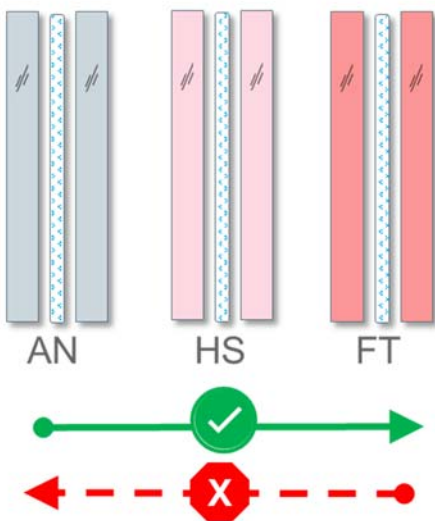


Figure 4 Diagram showing testing needs to change glass Kind for AN, HS and FT.

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.

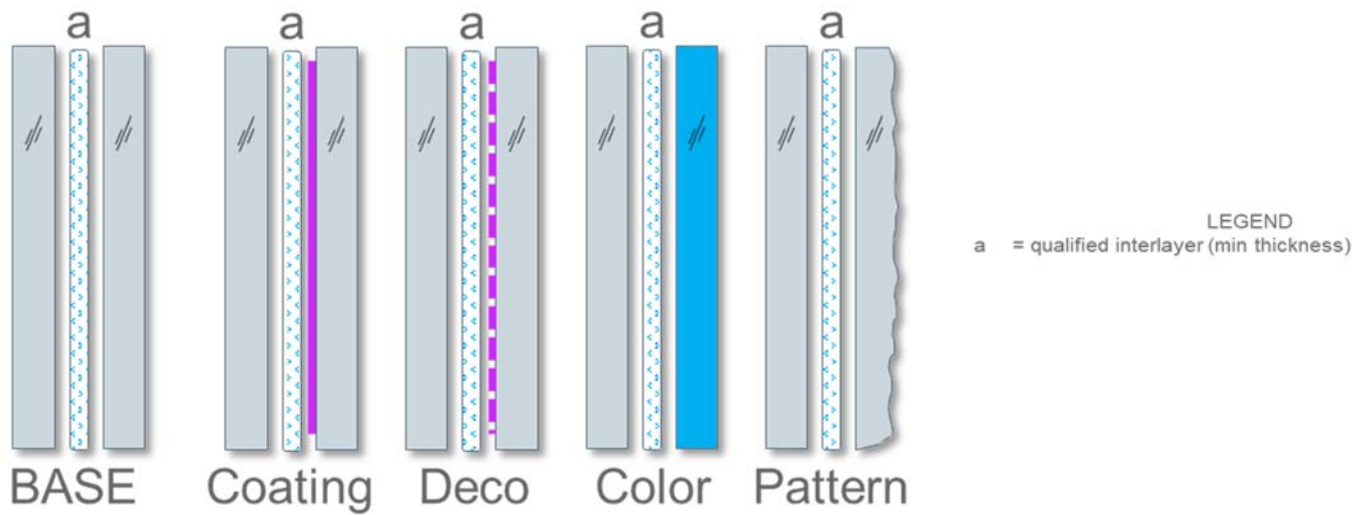


Figure 5: Allowable changes in or on glass without the need for additional weathering or additional impact testing.

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.

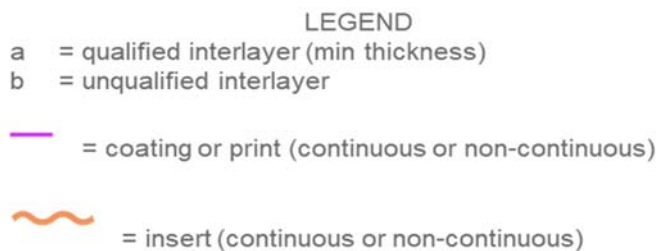


Figure 6: Changes to laminates with regard to interlayer contact to glazing or inserts

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.