



safety glazing certification council

July 1, 2021

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



SGCC® 2021 Fall Meeting

September 28 - 30, 2021



Hybrid Virtual/Naples Bay Resort

1500 Fifth Avenue South • Naples, FL 34102 • (239) 530-1199

*The 2021 SGCC® Certification Committee Meeting will be offered both **virtually** and **in person** at the tried and true Naples Bay Resort. We are confident that this dynamic will ensure optimal meeting attendance and further expand our communicative reach in the SGCC community.*

Tentative Meeting Schedule

Tuesday, September 28, 2021

6:30 - 8:30 SGCC® Board of Directors Dinner (Location TBD)

Wednesday, September 29, 2021

7:30 - 8:00 Light breakfast *Board Members Only

8:00 - 12:00 SGCC® Board of Directors Meeting & lunch *Board Members and guests only

1:00 - 5:00 SGCC® Certification Committee Meeting **(Hybrid Virtual option as well)**

5:00 - 5:15 SGCC® Participants Meeting **(Hybrid Virtual option as well)**

6:00 - 7:30 Cocktail/Hors d'oeuvres Reception (Location TBD)

Thursday, September 30, 2021

7:30 - 8:00 Light breakfast

8:00 - 12:00 SGCC® Certification Committee Meeting **(Hybrid Virtual option as well)**

For Hotel reservations due **August 28th**:

SGCC Group Rate Hotel: [Naples Bay Resort Website](#)

Phone (toll free): **1-866-605-1199** request SGCC Meeting group rate discount

SGCC Group Rate: \$149 plus tax per night (traditional room)

If attending Virtually or In Person, please RSVP to the SGCC office (sgcc@amscert.com) by **August 28th 2021**.

If you experience any difficulties making a reservation or have any questions, please contact the SGCC office at 1-315-646-2234. As always, we thank you, and look forward to seeing everyone in September!

July 2021

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"

Copies of ANSI Z97.1-2015 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 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
<http://www.sgcc.org/Compliance-Testing.aspx>

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-2017"

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://www.techstreet.com/standards/can-cgsb-12-1-2017?product_id=1944892

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

PO Box 730
205 W. Main Street
Sackets Harbor, NY 13685
Phone: (315) 646-2234 Fax (315) 646-2297
SGCC@amscert.com
Or visit our website @ www.sgcc.org

SGCC® information and guidelines are included in the twice per year printing of the Certified Products Directory or are available from SGCC® upon request. Re-printing of this information in any other manual, material or document without the written permission of SGCC® is in conflict with the desire of SGCC® and should not be interpreted as being endorsed by or affiliated with SGCC®.

Safety Glazing Certification Council © 2020

Table of Contents

ANSI Z97.1-2015	1
CPSC 16 CFR 1201.....	1
CAN/CGSB 12.1-2017	1
Meetings of the Certification Committee	3
Roster.....	3
Accreditation	5
Program Concept.....	15
Procedural Guide	17
Quality Assurance Program & Requirements	18
How the Certification Program Works.....	19
Complaints and/or Appealing a Certified Product.....	20
What Does the Program Cost.....	21
Certification Guidelines and Interpretations.....	23
Laminated Glass	29
SGCC® Advertising Guidelines	34
SGCC® Label Requirements.....	35
CPSC Act Labeling Requirements.....	36
Certified Products Listing	37
Certified Products Key	75
Classified Tempered Glass Patterns	76
SGCC® List of Accepted Interlayers.....	78
SGCC® Approved Laboratories.....	80

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

Any questions, comments, or requests for copies of this directory should be directed to the Administrative Manager of the Safety Glazing Certification Council:

ADMINISTRATION

Administrative Management Systems, Inc. (AMS)
PO Box 730
205 West Main Street
Sackets Harbor, New York 13685
Telephone: 315-646-2234
Fax: 315-646-2297
E-mail: SGCC@amscert.com
Website: www.sgcc.org

ADMINISTRATIVE STAFF

John G. Kent, Administrative Manager
Katrina Stafford, Program Manager
Kelly Jenness, Program Coordinator

Sara Connor, Program Coordinator
Kristin Best, Program Coordinator
Abby Putnam, Program Coordinator

ROSTER SGCC® BOARD OF DIRECTORS

SGCC® OFFICERS

President	Mr. Brian Louks
Vice President	Ms. June Willcott
Secretary	Mr. Jeff Haberer
Treasurer	Ms. Elaine S Rodman

REPRESENTING PUBLIC INTEREST

Mr. William Nugent

Wiss, Janney, Elstner Associates, Inc.
330 Pfingsten Road
Northbrook, IL 60062-2095
Phone: (847) 272-7400
Fax: (847) 291-9599

Ms. June Willcott

Willcott Engineering, Inc.
1727 North State Road 7
Margate, FL 33063
Phone: (954) 975-7979
Fax: (954) 975-7509

Mr. Patrick Loughran

Goettsch Partners, Architecture, Interiors, Planning, Enclosures
224 South Michigan, Floor 17
Chicago, IL 60604
Phone: (312) 356-0600

Ms. Elaine S. Rodman

Homeowners Association
2300 Sample Road
Allison Park, PA 15101
Phone: (412) 487-2887

Mr. Peter Weismantle

Adrian Smith & Gordon Gill Architecture
30 West Monroe, Suite 400
Chicago, IL 60603
Phone: (312) 870-4126
Fax: (312) 920-1775

REPRESENTING INDUSTRY

Mr. Mark B. Cody

AGC Flat Glass North America
P.O. Box 929
Kingsport, TN 37662
Phone: (423) 229-7222

Mr. Jeff Haberer

Trulite Glass & Aluminum Solutions, LLC
1112 17th Avenue SE
Minneapolis, MN 55414
Phone: (612) 805-2251

Mr. Brian Louks

Viracon Inc.
800 Park Drive
Owatonna, MN 55060
Phone: (507) 444-3233

Mr. Mark Hutchinson

Intigral
7850 Northfield Road
Walton Hills, OH 44146
Phone: (440) 439-0980

Mr. Bernie Herron

Cardinal
7201 West Lake Street
Saint Louis Park, MN 55426
Phone: (952) 929-3134

**Honorary Non-Voting Lifetime Member
Mr. Norman Nitschke**

COMMUNICATIONS

In all matters concerning the administration and implementation of the SGCC® certification program, correspondence may be directed to any of the following:

Mr. Brian Louks, President

SGCC® Board of Directors
Viracon Inc.
800 Park Drive
Owatonna, MN 55060
Phone: (507) 444-3233
Fax: (507) 444-3556

Mr. Mark B. Cody, Chairman

SGCC® Certification Committee
AGC Flat Glass North America
P.O. Box 929
Kingsport, TN 37662
Phone: (423) 229-7222

Mr. John G. Kent

Program Administrator
Administrative Management Systems, Inc. (AMS)
P.O. Box 730
205 W. Main Street
Sackets Harbor, NY 13685
Phone: (315) 646-2234
Fax: (315) 646-2297

LEGAL COUNSEL

Mr. David McHugh

Schiff, Hardin & Waite
233 S. Wacker Drive, Suite 6600
Chicago, IL 60606
Phone: (312) 258-5617
Fax: (312) 258-5600

FINANCIAL AUDITOR

Mr. Robert Stackel & Mr. Jacob Navarra

Stackel & Navarra, CPA, PC
216 Washington St. Suite 402
Watertown, NY 13601
Phone: (315) 782-1220
Fax: (315) 782-0118

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's 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 ANSI?

The American National Standards Institute is a not-for-profit entity providing assessment and accreditation of bodies performing third-party conformity assessment (certification), among other services. ANSI also brings global recognition to conformity assessment through several international and regional arrangements for multi-lateral recognition, including the International Accreditation Forum (IAF). In addition, ANSI has a memorandum of understanding (MoU) with the Standards Council of Canada (SCC). All of this helps bring global acknowledgement to conformity assessment.

Information from: *ansica.org*, Why Seek Accreditation?, 2015. Web. August 19, 2015.

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 ANSI-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 ANSI approves certified products, processes, or services of Licensees. In addition, the ANSI Accreditation symbol and ANSI 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 staff@amscert.com.

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
24 Hour Thermal Glass Insulated Ltd. 3 Form	Galo Narvaez Kenny McCutcheon		
A.L. Smith Glass Co. Inc.	Alton L. Smith Jr.	Russel Hardy	
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM	Dhanraj Singgh Parmar	Rakesh Kumar Pal	
AAG-AI Abbar Architectural Glass	Jean Lelievre	Ezhilenthil Narayanan	
Accurate Glass Products	Gus Fotopoulos	Gin Benner	
Ace Safety Glass Co., Ltd.	Jeong Haeyou		
Advanced Design Manufacturing	David Murry		
Advanced Impact Technologies	Jeff Besse	Ralph Henson	
AdvanTec	Kent Lundin	Shaun Kumar	
AGNORA LTD	Jeff Wilkins		
AJJ Glass Products Co., Ltd	Lyon Ye		
AKMA LLC	Fardis Fashutdinov	Dmitry Avramenko	
Al Andalus Glass Factory Co.	Ahmad Arafa	Bashar Taleb	
Aldora Aluminum and Glass Products, Inc.	Manny Valladares		
All Counties Glass Distributors	Dane Treiber		
All Team Glass & Mirror, Ltd.	Mark Timoll	Jamal Rahaman	
All Weather Tempering of Arizona, LLC.	Alan Vasquez		
Allglass Tempering Inc.	Mariusz Lojowski		
Aluminum Manufacturers Co. Ltd - ALUMATEC	Wassim Hashash		
Aluminum Technology Auxiliary Industries	Suraj Thampi		
American Insulated Glass LLC.	Clint Blair	Shane Ellerbee	
American Shower Door	Christopher Perry	Robert Decker	
Amsco Windows	Joe Jonely		
Ant-Cam Pazarlama A.S.	Egemen Ozkaya	Elcin Batmazoglu	
Anthony International	Matt Rolek	Don Sokol	
Architectural Glass Products, LLC.	Sharon Gambill		
Arlene Stained Glass & Door	Charlie Hoelscher	Jeff Weber	
Armoured One Glass LLC	Giambattista Amode	Kyle Michael	
Arrow Mirror & Glass, Inc.	Brandon Michalak	Jason Ziemak	
ArtVue Glass	John Tagle	Karen Tagle	
Ascent Glass Products (Zhong Shan) Limited	Andy Zhu	Lily Fu	
ATI Windows	Stephen Schwartz		
Basco Engineered Products	Dale Schmidt	Gary Brown	
Bazhou hua Biao Furniture Co., Ltd.	Li Hui	Lu Xiao Yong	
Beijing Northglass Technologies Co. Ltd	Kun Wang		
Beijing Wuhuatianbao Glass Co., Ltd.	Mr. Gao Hongwei		
Bel Pre Glassworks Inc.	Jeffrey James		
Bel Shower Door Corporation	Bill Sain	Ryan Sain	Bill Folino
Bendheim Wall Systems	Robert Jayson	Michael Tryon	
BG Glass Technologies Inc.	John Barber	Amber Simon	
Blackline Aluminum Systems	Ellie Salehi	Mohammad Ghadaki	
Blue Star Glass Inc.	Alex Oanono		
Bronco Industries, Inc.	Bronson Lam	Annie Lam	
Bronx Westchester Tempering Inc.	Myler Kehoe	Bud Hodgins	
Burhani Glass Factory, LLC	Keshav Tripathi	Murtaza Kachwala	
BVGLAZING SYSTEMS	Mike Morgan		
C&C Custom Glass & Tempering, LLC	Clark Robinson		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	Shane Baker
Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti	Volkan Erem	Birol Yiliz	
Cardinal IG	Michelle Phan	Robert Grommesh	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Carey Glass UC	Michael Carew		
Cat-I Manufacturing, Inc.	Ryan O'Connell	Travis Jaynes	
Central Valley Glass & Screen, Inc.	Vincent Crouson	Geoff Smith	
CGMI Acquisition Company LLC dba Clearlight Glas	William Calhoun	Ken Hurley	
Changshu Fardglass Co. Ltd.	Jiang Wei		
ChangShu Maybo Glass Co., Ltd.	Qian Lan		
Changshu Weier Glass Products Co. Ltd.	Denise Weier	Denise Lu	
Changshu Xingfu Glass Building Material Co., LTD	Zhong Chun		
Changshu ZhongCheng Building Materials Co., Ltd.	Lisa Lee		
Changshu Zhouxing Glass Co. Ltd.	Xiaodong Qian		
Chicago Tempered Glass, Inc.	Adam Kaczynski		
Chongqing SYP Engineering Glass Co., Ltd.	Mr. Sun Dahai		
Classy Glass Specialties Co., Ltd	Wang Hongmei		
Clear Lite DBA Innovative Glass Products LLC	Scott Sherwin		
Cleer Vision Tempered Glass	Tim Widner		
Clinton Glass Company	Kim Stowell	Gregory Stowell	
Colorkote CT, LLC	Douglas Schulman		
Comercial Dialum SA	Oscar Zavala	Reynaldo Delgado	
Commercial Insulating Glass Co.	Tom Willey	Secena Zurawski	
Compagnie de Portes Énergétique EDC	Vincent Cormier	Nancy Payette	
Complete Line Glass Wholesalers, Inc.	Rod Pistokache		
Consolidated Glass Corp.	Shane Merryman	Louis Merryman	
Contemporary Glass Tempering, LLC	Donald Wootton	Trevor Wootton	
Contour Industries, Inc.	Geoffrey Davis	David Tomlinson	
Contract Glass	Bill Crawford		
Contractors Wardrobe	Jack Violante		
Control Glass, A&S, S.L.	Alvaro Del Rio	Alicia Rosa Moraleda	
Coral Industries Glass Division	Eric Fleming	Lance Hammond	
Core Fabrication Inc.	Adrian Ionescu	Rob Busby	
Cricursa SA	Jaume Planes Olives		
Cristacurva	Jose Israel Perea S.		
Crystal Tempering, Inc.	Claudina Suarez	Luis Gomez	
CS ECO Glass (M) Sdn Bhd	Zhang Xiaojun		
Curved Glass Creations, LLC	Walter Kuenzle	Rosemarie Kuenzle	
Custom Glass Products Inc.	Eric Reeder		
D3 Glass, LLC	Doug Daubmann		
Dalian Huaying Glass Limited Liability Co.	Stephanie Shi		
Dallas Flat Glass Distributors, Inc.	Tom Holman		
Denver Glass Interiors, Inc.	David Uhey		
Deqing Sanxing Plastic Chemical Co. Ltd.	Yang Min		
Dillmeier Enterprise, Inc.	Cody Tran		
Dlubak Specialty Glass	David Bazzano	Chris Cotton	
Dolphin Glass Specialists, LLC	Jose Prieto		
Dolphin Temper Glass LLC	Luis Garranchan	Jose Antonio Prieto	
DongGuan CSG Architectural Glass Co., Ltd.	Yu GuangHui		
Dongguan Dehui Industrial Co., LTD.	Leo Zhao	Mellisa Gu	
Dongguan Dongfa Glass Product Co., Ltd	Shenwen Li		
Double Seal Insulating Glass Ltd.	Mo Balasubramaniam		
Downey Glass	Hugh Higgins		
Eagle Glass & Mirror	Ryan Bumgarner		
Echols Glass and Mirror, Inc.	Ron Echols		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Eckelt Glas GmbH	Christian Eckelt		
ECO Glass Production	Samuel Bravo	Jeanie Gutierrez	
Edge Tempering	Renildo Orduna		
EFCO Corporation	Tim Fikkert		
Engineered Glass Products, L.L.C.	David Coulombe		
Epta S.P.A.	Andrea Facchin	Giuseppe Roveda	
Erdem Dis Ticaret A.S.	Mehmet Ali Ozgul	Yavuz Selim Bodur	
Euroglas-De Landtsheer NV	Frederik De Knijf	Erik Weckx	
Extrusiones de Aluminio, S.A.	Jaime A Salas	Hellen Solano	
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Doug Lewis		
Flat Glass Group Co., Ltd.	David Wei	Li Chunpeng	
Foshan Ganghuasheng Tempered Glass Co; Ltd	Grace Zhou		
Foshan Gaoming Yaqi Toughened Glass	Mr. Chen Liangwen		
Foshan Nanhai Nengyang Electrical Technology Co.,	Wang Ming Hua	Wang Min	
Foshan Nanhai Ruixin Glass Co., LTD.	Frank Guo		
Foshan Nanhai Yaoxiang Glass Product Co. Ltd.	Mai Yao Dong		
Fountain Glass Inc.	Anthony de le Fuente	Julie A Kessler	
Fujian Chengda Glass Co., Ltd	Wendy Chen Wei	Teresa Lin Bishan	
Fujian Tider Glass Co., Ltd.	Wendy Zhong	Kun Wei	
Fujian Xihe Sanitary Ware Technology Co., Ltd	Hunter Hao		
G.E. Silliker & Sons Ltd.	Terry Arsenault		
Galaxy Glass & Stone	Eugene Negrin	John O'Keefe	
Gardner Glass Products Inc.	Lucas Brooks	Derek Rhoades	
Garibaldi Glass Ind. Inc.	Liviu Bocsanu	Nick Meissner	
General Glass	Greg Bakken		
GGI Glass Distributors Corp.	Christina Antunes	David S. Balik	
Gin Jye Ming Glass Co., Ltd.	Lio Chang	Shih, Chin-Liang	
GLAAM Co., Ltd.	Yong Woong, Lee		
GLASPRO	Rafael Perez		
Glass and Mirror Craft	Larry Abramowski		
Glass Deluxe Inc.	Erick Quiroz		
Glass Depot Inc.	Martha Calzadilla		
Glass Design of Miami, Inc.	Mauricio Alonso		
Glass Enterprises Inc.	Joshua Burg		
Glassbel Baltic JSC	Romas Zvirzdinas		
GlassecViracon	Renato Santana		
GlassFab Tempering Services, Inc.	Brian Frea		
Glasstech Industries B.S.C.	Marwan Khadij	Hemraj Arya	
GlassTemp, Inc.	Bob Becker	Hector Arrieta	
Glasswerks LA, Inc.	Robert Mastrapa		
Glaz-Tech Industries, Inc.	Bill Folino		
Glenny Glass Co.	Braxton Smith		
Global Security Glazing	Mark Johnson		
GnT Glass Co., Ltd.	Hao Bing Tian		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Great Day Improvements, LLC	Kent Nusser	Craig Cox	
Griffin Glass & Metal Werks, Inc.	John Metz		
Grupo Vidrios el Castillo	Carlos Benet Trad	Gabriel Howerton	
G-TECH Optoelectronics Corporation	Jack Huang	Allen Kuo	
Guangdong Haikong Special Glass Technology Co.,	Wang Jinlin	Sven Pan	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Guangdong Rosery Bath Science and Technology C	Fengqiang Wang	Qin Wang	
Guangdong South Star Glass Limited	Taylor Lee	Jie WU	
Guardian Glass, LLC - Auburn	John Arambula	Wayne Griffin	
Gulf Glass Industries, Co. LTD	Samih Fatayerji	Pascoal Dsilva	
Hoskin & Muir, Inc. dba Cardinal Tempering	Jared Ross	George Rufra	
Huahui Glass (China) Co., LD	Dong Shui Huang	Wenjun Huang	
Imagic Glass Inc.	Vilius Garsva	Adam Shearer	
Industrial Tempering Glass	Alexander Weinberger		
Industries Vanier Inc.	Steve Ouellet		
Inkan Ltd	Kevin Duke	Tom Duke	
Insulite Glass Co., Inc.	Larry Vasholz		
Integral Seal Mfg. Inc.	Ben Nayot		
Integrity Glass Tempering, LLC.	Ebbie Mogford		
Inter Fonction Ltee	Johanne Tousignant	Ian Tardif	
Intex Glass (Xiamen) Co., Ltd.	Andy Yu	Ms. Wendy Zhong	
Intigral	Mark Hutchinson	Allen Feltes	
Isoterglass SRL	Sirio Pierobon	Michael Canil	
J&C International Ltd.	Lixin Chen		
J&Y Glass Services	Jorge Caceres	Yuri Rabeiro	
J.C. Moag Corporation	Cameron Moag	Alex Acevedo	
Jiangmen Jianghai Jin Ying Tempered Glass Ltd.	Christine Wu	Rounder Chen	
Jiangsu Chungge Glass Co., Ltd.	Song Congcong	Shi Zhongyue	
Jiangyin Mingyang Glass Production	Ms. Wang Lijuan		
Jinzhou Fortune Spring Glass Co., Ltd.	Li Ma	Pengtao Zhang	
JM Glass	Mayreni Morales	Jose Morales	
JYC Glass Co. Ltd.	Li Xiang Sheng		
Kensington Glass Arts	David Stone		
KFK d.o.o.	Emil Krajacarek	Ivica Kusevic	
Kinestral Technologies	Howard Bergh	Gregg Higashi	
Kohler Company	Matt Wright	Doug Glisson	Buddy Thompson
La Tecnica Nel Vetro SpA	Michele Inserra	Roberta Sammarco	
Laurier Architectural, Inc.	Guillaume Jacob	David Levesque	
Les Verres VMIK Inc.	Patrick Caya		
Liaocheng Chicheng Glass Material Co., Ltd.	Gavin Pan	Lily Wong	
Lippert Components	Kevin Slagle	Bharat Bhat	
LongDing Glass Production Co., Ltd.	Zhang Zhixiang	Ann Gong	
LTI Smart Glass, Inc.	Christoper Kapiloff		
Luoyang LandGlass Technology Co., LTD	Yanbing Li		
M Industria S.A. DE C.V.	Mauricio Millet Medina	Juan Polanco	Ricardo Tonueyo
M&M Tempering Inc.	Joseph L. Stevens	Jenny Stevens	
M3 Glass Technologies	Chris Mammen		
Manko Window Systems- CO	Matthew Hoyt		
Manko Window Systems- IA	Kevin Tyson		
Manko Window Systems- KS	Kevin Dix		
Maryland Glass & Mirror	Matthew Dalbke		
Maxividrio S.De R. L. de C.V.	Alain Bravo Rodriguez	Carolina Munoz Rodriguez	
McGrory Glass	Gary McGrory		
Mercer Glass Fab LLC	Don Bielawski		
Merck Window Technologies B.V.	Roeland HF Pouwels		
Mid-American Glass, Inc.	Michelle Magyar		
Midwest Glass Fabricators Inc.	Patrick laquinto		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Milgard Tempering	Oscar Alarcon	Eric Yarbrough	
Mirror Works Inc.	Nermin Berbic	Taylor Thibert	
Mr. Glass Tempering, LLC	Robert Liao	Raymond Gao	
Multiver Ltee	Martin Cormier	Annie Cormier	
Nashville Tempered Glass Corp.	Scott Scheffield	Richard Paschel	
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
Ningbo Xinxin Glass Technology Co., Ltd	Jessee Wu		
Niskayuna Glass	Mark Maslanka	Michael Rausch	
Norfinch Glass & Mirror Mfg. Ltd.	Barrington Timoll	Henry Pham	
Northeast Building Products	Buddy Grater	Leonard Ford	
Northwestern Glass Fab	Stan Muriska		
Northwestern Industries, Inc- Yuma, AZ	John Butler		
Novatech Canada Inc.	Nadine Tardif		
Novavetro S.r.l.	Cristiano Lucentini	Giuliano Toniolo	
NY Tempering LLC	Haidong Weng		
Oldcastle BuildingEnvelope®	Rick Wright	James Jensen	
Onyx Solar Energy, S.L.	Alvaro Beltran		
Pan-Dur Glass GmbH	Nadine Weiß		
Panoramic Doors LLC	Tony Bettencourt	Colin Rees	
Paragon Tempered Glass	Barry DeLong	Chris Walker	
Patriot Armored Systems, LLC	Michael Biancolo		
Pennsylvania Insulating Glass	Tim Wilkins		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
Philly Glass Industry Inc.	Danny Zhu	Ben Zhu	
Pietta Glass Working Srl	Sorin Nitescu	Cristina Dragoiu	
Pilkington Architectural	Andy McDowell	Mike Davidson	
Pingdingshan Youbo Glass Technology Co., Ltd.	Zhao Zhenguo	Luo Qiaoliang	
Pirnar-Staklo d.o.o.	Sebastian Gasser	Elmir Bolic	
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 Inc.	Adrian Wezgowiec	Piotr Zawada	
PRESS GLASS SA	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 Maiz		
Produits Verriers International Inc.	Victor Scherer		
ProTemp Glass, Inc.	Silvio Tuffolo	Vee Shivprasad	
Przedsiębiorstwo TMF s.c. Florczak Tadeusz, Florcz	Michal Florczak		
PT Abebersa Pratama	Mahud Halim		
Pulp Studio, Inc.	Bernard Lax		
Qianse Acrylic Co., LTD.	Spring Liang		
Qingdao Himalaya Building Materials Co., Ltd	Haitao Du		
Qingdao Ideal Building Material Co. Ltd.	Yan Feng		
Qingdao Kingdom Glass Co., Ltd.	Tina Gu	Yanmin Yu	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Qingdao Laurel Glass Technology Co., Ltd	Bruce Jia		
Qingdao Pioneer Glass Co.,Ltd.	Xu Baowei	Chen Lei	
Qingdao Sun Teck Glass Co., Ltd.	Yang Chuan	Miss Hao	
Qinhuangdao Ampac Building Products Co., Ltd.	Gwang H. Park		
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan	Cindy Sun	
Qinhuangdao Qicaishi Glass Processing Co., Ltd.	Linda Qin	Cindy Sun	
Qinhuangdao Rongsheng Glass Processing Co., Ltd.	Ms. Cheng Na		
QinHuangDao Tianrui Tempered Technology Glass	Yanjun Zhu	Zhu YanJun	Cheng Yi Bin
Quaker Window Products, Inc.	Curtis Weavers		
Quality Enclosures Tempering, Inc.	Marvin Aguilar		
Quality Enclosures, Inc.	Michael Schwartz		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quanzhou Shixing Trading Co., Ltd.	Zou Xiangjun		
Quest USA, Inc.	Joe Kuykendall	Charles Burt	
Quest Window Systems	Daniel Zalcmán		
R.I.W. Ornamental Metal, Inc.	ilija Rokvic-Rocky		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
Renin Canada Corp.	Shervin Shahriari	Mardi Huelsekopf	
Rexlin Glass Ltd.	Anthony d'Eon	Christine d'Eon	
Rizhao Huaye Glass Co., Ltd.	Alex Yin	Grant Lee	
Robover Inc.	Alain Fortin		
Rohden Vidros LTDA	Edilene Kniess	Lenuir Kniess	
SAAND Inc.	Paul Ferguson	Steve Callahan	
SAGE Electrochromics Inc.	Chuck Hayes	Dianne Dahl	
Saint Gobain Mexico, S.A. de C.V.	Alberto Boix	Gladys Rios	
Saint-Gobain Glassolutions Objekt-Center GmbH	Sven Toennigs		
Saudi American Glass Company	Geoff Sparks		
Saudi German Aluminum Products Co.	Ali Basher Kindi	Jameson Nacional	
SCHOTT Gemtron - Sweetwater	Beena Walker	Jack Francis	
SCHOTT Gemtron (Canada) Corporation	Bill Bartlett	Bruce Busch	
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		
Shandong Jinjing Science & Technology Stock Co.,	Huanqing Zhang	Xu Ping	
Shandong Kingtom Glass Co., Ltd.	Tao Zhenmin		
Shandong Yaohua Glass Co., Ltd.	James Hu		
Shanghai Bordy Decoration Materials Co., Ltd.	Xie Zhengchun		
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		
Sheng An Glass LLC	Hui Lin	Wen Wang	
Shenzhen Sun Global Glass Co., Limited	Zhang Guanghui		
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	
Singh Glass & Mirror Inc. dba Luso Glass Company	Mandeep Singh	Devinder Bains	
SiO2 Fabricating	Lance Hamilton	Josh Muniz	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Sisecam Flat Glass Italy S.r.l.	Mr. Antonio Santoro		
Sky Land Tempering Glass Corp	Ricky Zeng		
Skyline Design	David Wildfield		
Solar Seal Company-MA	Jim Miller		
South Bay Showers, Inc.	Michael Sutton		
Southern Wholesale Glass	Mark Michael		
Splendor Shower Door	John Wanamaker	Tom Wanamaker	
Standard Bent Glass	Denise Swigart		
Stargrup Cam A.S.	Emrah Arslankara		
Strong Tempering Glass Industry LLC	Mark Chen		
Sunfire Glass, Inc.	Dennys Fernandez		
Sunglas Technics Co., Ltd.	Mr. Zhao Jianxin	Steven Shung	
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Company, LLC	John Dwyer		
Tacoma Glass Mfg. Inc.	Tim Conroy		
Tai Shan City Da Heng Art Glass Ltd.	Liu Woxian		
Tai Sheng (Dong Guan)Glass Co.,Ltd	Zhibing Liu		
Technical Glass Company	Engr Mousa El Gedaily	Engr Ahmad Tawalbeh	
Techni-Glass, Inc.	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		
Templados Del Centro SA DE C.V.	Omar Rios	Fernanda Garcia	
Templados Industriales S.A. de C.V.	Carlos Maldonado	Pedro Chavez	
TG Qingdao Glass Co., Ltd.	Albert Wang	Judy Li	
TG Taicang Architectural Glass Co. Ltd	Melody Bi		
The Original Frameless Shower Door	John Serino		
Thermax A.J. Inc.	Francois Ouellette		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermalsun Glass Products	Brad Kloes		
Thermo BSL	Pierre-Luc Bellavance	Claude Pelletier	
Thiele Glas Werk GmbH	Heico Gensheimer	Elias Luzius	
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 Glass Bulgaria EAD	Ozgur Hocaoglu		
Tristar Glass, Inc.	Tim Kelley		
Triton Glass LLC	Sahaj R. Patel		
Troy Systems LLC	Ali Guney		
Trulite Glass and Aluminum Solutions	Jeff Haberer	Adrian Casas	
Türkiye Şişe ve CamFabrikaları A.Ş. ŞişecamDüzca	Ercan Acar	Burcu Sekir	
TVITEC System Glass, S.L.	David Lopez	Ms. Alexandra Gonzalez	
Tweddell's Inc.	Corey Myer	Ed Blair	
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	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Upstate Glass Tempering Inc.	David Chavoly	Allen Gottlieb	
US Glass Tempering Inc.	Anil Kumar	Sid Dhir	
Valentini Glass & Components srl	Claudio Valentini		
Vanbo Glass Industries Inc.	Jason Wu	June Ma	
Velocity an Apogee Company	Jason Fransen	Neptali Morillo	
Vetzeria F. Illi Paci	Maurilio Paci		
Vetrodomus SpA	Frederico Casaccio	Chiara Pastore	
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
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		
Virginia Glass Products Corp.	W. Chris Beeler	Rodney Keatts	
Vistamatic, LLC	Kevin Roth		
Vitelsa Mosquera S.A.	Laura Luna		
Vitemex	Edgar Alonso de la Cruz		
Vitralum Glass Solutions Inc.	Eliben Morelos	Benjamin Morelos	
Vitro Flat Glass, LLC (formerly PPG)	Kevin Ramus	Wayne Boor	
Vitro SAB	Alberto Vilchis Trujillo	Julio Castillo Barrado	
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 Product	Rusty Neubauer		
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.	Kevin Boudreaux		
WHTB Glass, LLC	Hongwei Gao	Zhu Zhu	
Window Creations, LLC	Jason Buehrer	Brad Allison	
Window Technologies, Inc.	Michael Castleberry		
Wisconsin Shower Door & Supply Corp	Chuck Biesik	James Kinsey	
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		
Wujiang Golden Glass Technologies, Ltd.	Wu Cong Zhen		
Xiamen Shiner Industrial Co., Ltd.	Anne Law	Maggie Liang	
Xiamen Togen Building Products Co., Ltd.	Lily Liu	Eric Wang	
Xianning CSG Energy Conservation Glass Co., LTD.	Ms. Yu Jiao		
Xinyi Glass (Yingkou) Co., Ltd.	Zeming Wang		
Xinyi Group (Glass) Co. Ltd.	Janette Huang	Ms. Cherry Li	
Yakut Cam A.S	Faith Poyraz	Murat Tuncer	
Yantai Bluesky Glass Co., Ltd	Kelly Jiang		
Yantai Dongfang Glass Co., Ltd	Xing Jinwei		
Yildiz Cam San. Tic. A.S.	Mevlude Kaynak	Gulsen Ekici	
Yitian (Cattis) Glass Product Co., Ltd	Xiaojun Zheng		
Yong Feng Tai Foshan City Glass Co., LTD.	Aijun Zhong		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Mr. Xu Zhengdong		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
-----------------	-----------------------	------------------------	-------------------------

Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Ms. Meng Qingxian		
Zhongshan Walle Glass Product Co., Ltd	Yilan Liu		
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 2021

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.

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

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-2017

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. Products may also be licensed by non-manufacturers. (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.

July 2021

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 divided into three basic listings: the first is by numerical sequence of certified product numbers listing the licensee holding that number; the second is of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants; the third is by product type listing all licensees and locations approved for each product type. 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.

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.

- 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 (34x76) 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/Miscellaneous-Forms-and-Information.aspx>) 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 must be of safety glazing material.

G.5

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

G.6

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

G.7

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

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

G.8 (Deleted 4/29/2010)

G.9 (Deleted 7/1/2016)

G.10 (Revised 12/7/2018)

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

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

G.11 (Revised 10/2/2014)

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

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

Certification shall be removed if the sample and payment are not received within the allotted 30 days or if the sample submitted fails to comply with the specifications.

- b) All costs related to G.11 are to be borne by the licensee.
- c) If the retest procedure is required, all routine inspections and sample selections will continue. However, routine testing for the next period will be suspended pending the outcome of the retest procedure. If the product is decertified, the prepaid fee for routine testing for the next period (but not the Administrative and Contingency fees) will be refunded.

G.12

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

G.13 (Deleted 5/6/1999)

G.14

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

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

The invoice procedures will be as follows:

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

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

G.15 (Deleted 10/2/2014)

G.16

The nominal thickness designations in SGCC® authorized permanent labels for 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 labelling must occur at the same facility. (Added 10/10/2019)

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 regular tempered glass will also cover tinted, heat absorbing, and coated glasses of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate. A "substantial alteration" is one that would render the coated tempered glass in non-conformance with the applicable safety glazing standards. Glasses of the same nominal thickness with a ceramic or other material applied as a continuous or partial coating to one or more surfaces are also covered. (Modified 04/02/1992)

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:

Patterned Depth Class	Ratio
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

L.1

Initial certification of Laminated Glass - Testing must be performed on each nominal thickness of at least one brand of each generic category of interlayer material for which SGCC® certification is desired. Ongoing certification shall be by two thickness classes (S=Standard (<0.292 inches) and H=Heavy (0.292 inches and greater)) and per generic category of interlayer. A list of accepted interlayer brands per generic category shall be maintained by SGCC® (SGCC® List of Accepted Interlayers can be found at www.sgcc.org) Certification to one brand within the generic category will allow switching to other brands within the generic category on the list. (see "Guidance for the SGCC® Certification of Laminated Glass" dated May 21, 2019 available at www.sgcc.org) (Added 4/2/2008)

L.2 (Deleted 12/7/2018)

L.3 (Deleted 4/2/2008)

L.4 (Deleted 12/7/2018)

L.5

Laminated safety glass shall be identified and certified by two (2) types, Laminated Transparent Glass (LTG) and Laminated Specialty Product (LSP).

- a) Laminated Transparent Glass (LTG) is defined as two (2) or more lites of glass with the same family of polymer (interlayer(s)) between the lites.
- b) Laminated Specialty Product (LSP) is defined as two (2) or more lites of glass or other material with multiple interlayers, same or different family, with an insert (other layer of sheeting or non-continuous material) encapsulated in between the interlayers.

For Laminated glass changes and equivalency see **Table L1**. (Revised 12/7/2018)

Laminated Glass Equivalency (Table L1)		
As inserts are referenced below, there shall be no adverse reaction of inserts with accepted interlayers. 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.		
Change Categories	Equivalent Changes	Not Equivalent Changes
Interlayer generic category	Different brand of same generic category (see guideline L.11)	Different generic category
Interlayer thickness	Increase in interlayer thickness (As long as overall thickness remains within range of certified product).	Decrease in interlayer thickness (maximum allowable minus tolerance of 0.005 inches)
Glass/glazing	Flat, patterned or bent glass	Change from glass to plastic or plastic to glass
Glass fabrication	(A, HS, T, CS) See guideline L.8	N/A
Dimensional tolerances (Glass and Interlayer)	(See Guideline L.1 and L.7)	N/A
Inserts or changes in material of plies or inserts (generic make-up)	If insert is encapsulated and interlayer is accepted and of the minimum thickness of acceptance on each side of the insert	If insert is not encapsulated, or interlayer is not accepted or of minimum thickness on each side of insert
Additional layers of same type	Increase in layers (As long as overall thickness remains within range of certified product).	Decrease in layers
Coatings or Color (interlayer or glazing)	Changes in tint, translucence, or coated glass	N/A
Decorative pattern (not to be confused with patterned glass)	Changes in decorative pattern (glass or inserts), follow direction for change of insert	Lower than tested minimum interlayer thickness on either side of the insert or non-accepted interlayer
Electronics, plastics or other devices	Encapsulates, Follow requirements for accepted interlayer and minimum thickness on both sides of inserts	Lower than tested minimum interlayer thickness on either side of the insert or non-accepted interlayer

L.6

Thickness of the interlayer shall be measured by the SGCC® standard method. (Revised 4/2/2008)

L.7

Nominal thickness for laminated glass has been expanded from standard ASTM C1036 values to eliminate "gaps" in ranges. For certification purposes, the following thickness tolerances shall be used. Thickness tolerance shall apply only to the overall thickness. Interlayer thickness shall be reported. The reported value shall be used to determine "nominal" thickness of the interlayer, with a maximum allowable minus tolerance of 0.005 inches. (Revised 11/4/2015)

<u>mm</u>	<u>Range (mm)</u>	<u>Traditional (in)</u>	<u>Range (in)</u>
3.0	2.92 – 3.78	1/8	0.115 – 0.148
4.0	3.79 – 4.57	5/32	0.149 – 0.179
5.0	4.58 – 5.56	3/16	0.180 – 0.218
6.0	5.57 – 7.41	1/4	0.219 – 0.291
8.0	7.42 – 9.01	5/16	0.292 – 0.354
10.0	9.02 – 11.91	3/8	0.355 – 0.468
12.0	11.92 – 15.11	1/2	0.469 – 0.594
16.0	15.12 and greater	5/8	0.595 and greater

L.8

Laminated glass shall be certified by its base glass heat treating/fabrication process (A= annealed, HS= heat strengthened, T= tempered, CS= chemical strengthened). When a laminated annealed glass (A) is tested and certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened (HS), tempered glass (T), or chemical strengthened (CS) and the same or greater thickness of interlayer of the same generic category will be considered to be included in the certification. Testing of heat strengthened (HS) will only certify heat strengthened (HS) and tempered (T). Testing of tempered (T) will only certify tempered (T). Testing of chemical strengthened (CS) will only certify chemical strengthened (CS). (Revised 12/7/2018)

L.9 (Deleted 12/7/2018)

L.10

For certification to ANSI Z97.1, 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)

L.11

An SGCC® certified participant may use any interlayer supplier on the SGCC® Accepted interlayer List of the same generic category. (Added 4/2/2008)

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 inch 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 test 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 most recent memo "VIG ANSI Interpretation and Information" at www.sgcc.org or contact the SGCC office.

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 Z-97.1-2015 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 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 its listing in the SGCC's Certified Products Directory.

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 Z-97.1-2015, 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) **ANSI Disclaimer

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

SGCC® LABEL REQUIREMENTS (Revised 7/1/2016)

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)

At the discretion of the SGCC® participant, for laminated glass, the actual thickness **AND/OR** thickness class (S, H) may appear on the label. (Added 1/1/2009)

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 12.1-2017	CAN/CGSB 12.1-2017	CAN/CGSB 12.1-2017
1/4 U A SGCC 9999	6mm U A SGCC 9999	(S) U A SGCC 9999

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 6mm U A

Authorized Distributor or Installer

Company XYZ (optional)
Laminated Glass (optional)
ANSI Z97.1-2015
16 CFR 1201 CII
C/F SGCC 9999 6mm 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-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
24 Hour Thermal Glass Insulated Ltd. ; Concord, ON						AGC Flat Glass North America ; Greenland, TN					
6918	COMPOSITE	5/32	4.0 TTG		U A	598	COMP+CAN	1/8	3.0 TTG		U A
6919	COMPOSITE	3/16	5.0 TTG		U A	955	COMP+CAN	5/32	4.0 TTG		U A
6920	COMPOSITE	1/4	6.0 TTG		U A	220	COMP+CAN	3/16	5.0 TTG		U A
3 Form ; Kernersville, NC						AGC Flat Glass North America ; Spring Hill, KS					
8085	COMP+CAN	5/32	4.0 TTG		U A	89	COMP+CAN	1/4	6.0 TTG		U A
5026	COMP+CAN	1/4	6.0 TTG		U A	4046	COMP+CAN	5/16	8.0 TTG		U A
5210	COMP+CAN	3/8	10.0 TTG		U A	90	COMP+CAN	3/8	10.0 TTG		U A
5211	COMP+CAN	1/2	12.0 TTG		U A	587	COMP+CAN	1/8	3.0 TPG (s)		U A
A.L. Smith Glass Co. Inc. ; Ijamsville, MD						AGC Flat Glass North America ; Spring Hill, KS					
8098	COMPOSITE	3/16	5.0 TTG		U A	1702	COMP+CAN	1/8	3.0 TTG		U A
8099	COMPOSITE	1/4	6.0 TTG		U A	1703	COMP+CAN	5/32	4.0 TTG		U A
6144	COMPOSITE	3/8	10.0 TTG		U A	1704	COMP+CAN	3/16	5.0 TTG		U A
6145	COMPOSITE	1/2	12.0 TTG		U A	1705	COMP+CAN	1/4	6.0 TTG		U A
A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia						AGNORA LTD ; Collingwood, ON					
7269	COMP+CAN	1/4	6.0 TTG		U A	4883	COMP+CAN	1/4	6.0 TTG		U A
7276	COMP+CAN	5/16	8.0 TTG		U A	4885	COMP+CAN	3/8	10.0 TTG		U A
7277	COMP+CAN	*	12.0 TTG (7)		U A	4884	COMP+CAN	1/2	12.0 TTG		U A
7278	COMP+CAN	(H)	8-16+ LTG (b)(T)	(.045)	U A	4886	COMP+CAN	(H)	12+ LTG (b)(A)	(.030)	U A
Accurate Glass Products ; Barrie, Ontario						AJJ Glass Products Co., Ltd ; Xiamen, Fujian					
7672	COMP+CAN	3/16	5.0 TTG		U A	8331	COMP+CAN	3/8	10.0 TTG		U A
7418	COMP+CAN	1/4	6.0 TTG		U A	8332	COMP+CAN	*	12.0 TTG (3)		U A
7419	COMP+CAN	5/16	8.0 TTG		U A	8335	COMP+CAN	(H)	16+ LTG (ip)(A)	(.060)	U A
7420	COMP+CAN	3/8	10.0 TTG		U A	8334	COMP+CAN	(H)	16+ LTG (b)(A)	(.030)	U A
7421	COMP+CAN	1/2	12.0 TTG		U A	AKMA LLC ; Saint-Petersburg, St.Petersburg					
Ace Safety Glass Co., Ltd. ; Jeollabuk-Do						AI Abbar Architectural Glass ; Dubai, United Arab Emirates					
8237	COMP+CAN	1/8	3.0 TTG		34X3 A 4	7838	COMP+CAN	1/4	6.0 TTG		U A
Advanced Design Manufacturing ; Antioch, CA						AI Andalus Glass Factory Co. ; Riyadh, Riyadh					
6685	COMPOSITE	1/4	6.0 TTG		U A	8182	COMP+CAN	5/16	8.0 TTG		U A
6686	COMPOSITE	3/8	10.0 TTG		U A	8183	COMP+CAN	3/8	10.0 TTG		U A
Advanced Impact Technologies ; Largo, FL						Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
7374	COMP+CAN	1/8	3.0 TTG		U A	7839	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.035)	U A
7375	COMP+CAN	3/16	5.0 TTG		U A	4846	COMPOSITE	3/16	5.0 TTG		U A
7376	COMP+CAN	1/4	6.0 TTG		U A	3556	COMPOSITE	1/4	6.0 TTG		U A
7377	COMP+CAN	3/8	10.0 TTG		U A	3557	COMPOSITE	5/16	8.0 TTG		U A
7378	COMP+CAN	1/2	12.0 TTG		U A	3558	COMPOSITE	3/8	10.0 TTG		U A
7434	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	4590	COMPOSITE	1/2	12.0 TTG		U A
7435	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A	3976	COMPOSITE	*	15.0 TTG (4)		U A
AdvanTec ; Chilliwack, BC						AI Andalus Glass Factory Co. ; Riyadh, Riyadh					
7463	COMPOSITE	5/32	4.0 TTG		U A	3977	COMPOSITE	3/4	19.0 TTG		U A
7464	COMPOSITE	3/16	5.0 TTG		U A	3560	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A
7465	COMPOSITE	1/4	6.0 TTG		U A	AI Andalus Glass Factory Co. ; Riyadh, Riyadh					
7466	COMPOSITE	5/16	8.0 TTG		U A	7486	COMPOSITE	1/4	6.0 TTG		U A
7467	COMPOSITE	3/8	10.0 TTG		U A	7487	COMPOSITE	1/2	12.0 TTG		U A
7468	COMPOSITE	1/2	12.0 TTG		U A	7488	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
7469	COMPOSITE	*	15.0 TTG (4)		U A	Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
7470	COMPOSITE	3/4	19.0 TTG		U A	4328	COMPOSITE	1/8	3.0 TTG		U A
						Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
						4330 COMPOSITE 3/16 5.0 TTG U A					
						4331 COMPOSITE 1/4 6.0 TTG U A					
						4335 COMPOSITE 3/8 10.0 TTG U A					
						4336 COMPOSITE 1/2 12.0 TTG U A					
						4337 COMPOSITE (H) 8, 12 LTG (lu)(A) (.060) U A					

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Aldora Aluminum and Glass Products, Inc. ; Austell, GA						Allglass Tempering Inc. ; Schiller Park, IL					
7307	COMPOSITE	1/8	3.0 TTG		U A	5835	COMPOSITE	5/32	4.0 TTG		U A
7308	COMPOSITE	3/16	5.0 TTG		U A	5836	COMPOSITE	3/16	5.0 TTG		U A
7309	COMPOSITE	1/4	6.0 TTG		U A	5837	COMPOSITE	1/4	6.0 TTG		U A
7310	COMPOSITE	3/8	10.0 TTG		U A	5838	COMPOSITE	3/8	10.0 TTG		U A
7311	COMPOSITE	1/2	12.0 TTG		U A	5839	COMPOSITE	1/2	12.0 TTG		U A
7851	COMPOSITE	3/4	19.0 TTG		U A	7764	COMPOSITE	(H)	10-12 LTG (ev)(A)	(.060)	U A
Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL						Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia					
7643	COMPOSITE	3/16	5.0 TTG		U A	6151	COMP+CAN	1/4	6.0 TTG		U A
7644	COMPOSITE	1/4	6.0 TTG		U A	6152	COMP+CAN	5/16	8.0 TTG		U A
7645	COMPOSITE	3/8	10.0 TTG		U A	6891	COMP+CAN	3/8	10.0 TTG		U A
7646	COMPOSITE	1/2	12.0 TTG		U A	7346	COMP+CAN	*	12.0 TTG (3)		U A
7647	COMPOSITE	5/8	16.0 TTG		U A	6892	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A
7648	COMPOSITE	(H)	12 LTG (lu)(HS)(6)	(.090)	U A	Aluminum Technology Auxiliary Industries ; Doha, Qatar					
Aldora Aluminum and Glass Products, Inc. ; Orlando, FL						7197	COMPOSITE	1/4	6.0 TTG		U A
5574	COMPOSITE	1/8	3.0 TTG		U A	7198	COMPOSITE	5/16	8.0 TTG		U A
5575	COMPOSITE	3/16	5.0 TTG		U A	5084	COMPOSITE	3/8	10.0 TTG		U A
5576	COMPOSITE	1/4	6.0 TTG		U A	5212	COMPOSITE	*	12.0 TTG (3)		U A
5579	COMPOSITE	3/8	10.0 TTG		U A	American Insulated Glass ; Dallas, NC					
5577	COMPOSITE	1/2	12.0 TTG		U A	3859	COMPOSITE	1/8	3.0 TTG		U A
6429	COMPOSITE	(H)	8 LTG (ip)(A)	(.060)	U A	3860	COMPOSITE	5/32	4.0 TTG (IN)		U A
6428	COMPOSITE	(H)	8 LTG (b)(A)	(.060)	U A	3861	COMPOSITE	3/16	5.0 TTG		U A
All Counties Glass ; Stockton, CA						3862	COMPOSITE	1/4	6.0 TTG		U A
6409	COMP+CAN	1/8	3.0 TTG		U A	3863	COMPOSITE	3/8	10.0 TTG		U A
6410	COMP+CAN	5/32	4.0 TTG		U A	3864	COMPOSITE	1/2	12.0 TTG		U A
6411	COMP+CAN	3/16	5.0 TTG		U A	American Insulated Glass LLC. ; Plymouth Township, MI					
6412	COMP+CAN	1/4	6.0 TTG		U A	7834	COMPOSITE	1/8	3.0 TTG		U A
6413	COMP+CAN	5/16	8.0 TTG		U A	8131	COMPOSITE	5/32	4.0 TTG		U A
6414	COMP+CAN	3/8	10.0 TTG		U A	7835	COMPOSITE	3/16	5.0 TTG		U A
6415	COMP+CAN	1/2	12.0 TTG		U A	7836	COMPOSITE	1/4	6.0 TTG		U A
All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada						7837	COMPOSITE	3/8	10.0 TTG		U A
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	American Insulated Glass, LLC ; Conley, GA					
2790	COMP+CAN	5/16	8.0 TTG		U A	5283	COMPOSITE	1/8	3.0 TTG		U A
1757	COMP+CAN	3/8	10.0 TTG		U A	5284	COMPOSITE	3/16	5.0 TTG		U A
1758	COMP+CAN	1/2	12.0 TTG		U A	5285	COMPOSITE	1/4	6.0 TTG		U A
4355	COMP+CAN	5/8	16.0 TTG		U A	5286	COMPOSITE	3/8	10.0 TTG		U A
3656	COMP+CAN	3/4	19.0 TTG		U A	5287	COMPOSITE	1/2	12.0 TTG		U A
All Weather Tempering of Arizona, LLC. ; Phoenix, AZ						5288	COMPOSITE	1/8	3.0 TPG (s)		U A
6377	COMPOSITE	1/8	3.0 TTG		U A	5289	COMPOSITE	3/16	5.0 TPG (m)		U A
6378	COMPOSITE	5/32	4.0 TTG		U A	American Shower Door ; Los Angeles, CA					
6379	COMPOSITE	3/16	5.0 TTG		U A	3039	COMPOSITE	1/4	6.0 TTG		U A
6380	COMPOSITE	1/4	6.0 TTG		U A	3040	COMPOSITE	3/8	10.0 TTG		U A
7010	COMPOSITE	5/16	8.0 TTG		U A	3041	COMPOSITE	1/2	12.0 TTG		U A
7011	COMPOSITE	3/8	10.0 TTG		U A	3042	COMPOSITE	1/4	6.0 TPG (s)		U A
7012	COMPOSITE	1/2	12.0 TTG		U A	3043	COMPOSITE	3/8	10.0 TPG (s)		U A
6381	COMPOSITE	1/8	3.0 TPG (s)		U A	Amsco Windows ; Salt Lake City, UT					
6382	COMPOSITE	3/16	5.0 TPG (s)		U A	2578	COMPOSITE	1/8	3.0 TTG		U A
7994	COMPOSITE	3/8	10.0 TPG (s)		U A	4643	COMPOSITE	5/32	4.0 TTG		U A
						2580	COMPOSITE	3/16	5.0 TTG		U A
						2581	COMPOSITE	1/4	6.0 TTG		U A
						2582	COMPOSITE	1/8	3.0 TPG (m)		U A
						2584	COMPOSITE	3/16	5.0 TPG (m)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
Anhui Dahe Mirror Enterprise Co. LTD. ; Anhui, China						ATI Windows ; Riverside, CA					
7778	COMP+CAN	1/8	3.0 TTG		U A	5635	COMPOSITE	1/8	3.0 TTG		U A
7779	COMP+CAN	3/16	5.0 TTG		U A	5636	COMPOSITE	5/32	4.0 TTG		U A
7780	COMP+CAN	1/4	6.0 TTG		U A	5637	COMPOSITE	3/16	5.0 TTG		U A
7781	COMP+CAN	5/16	8.0 TTG		U A	5638	COMPOSITE	1/4	6.0 TTG		U A
7782	COMP+CAN	3/8	10.0 TTG		U A	8057	COMPOSITE	3/8	10.0 TTG		U A
7783	COMP+CAN	1/2	12.0 TTG		U A	8058	COMPOSITE	1/2	12.0 TTG		U A
Ant-Cam Pazarlama A.S. ; Antalya, Dosemealti						Auna Glass S.L. ; La Sentiu, Cataluna					
8047	COMPOSITE	(H)	16+ LTG (b)(A)	(.030)	U A	5639	COMPOSITE	1/8	3.0 TPG (s)		U A
8046	COMPOSITE	(H)	16+ LTG (ip)(A)	(.035)	U A	7995	COMPOSITE	5/32	4.0 TPG (m)		U A
Anthony International ; Madison, GA						Basco Engineered Products ; Hamilton, OH					
3249	COMPOSITE	1/8	3.0 TTG		U A	8245	COMPOSITE	1/4	6.0 TTG		U A
3027	COMPOSITE	5/32	4.0 TTG		U A	8246	COMPOSITE	5/16	8.0 TTG		U A
2352	COMPOSITE	3/16	5.0 TTG		U A	8247	COMPOSITE	3/8	10.0 TTG		U A
2353	COMPOSITE	1/4	6.0 TTG		U A	8248	COMPOSITE	1/2	12.0 TTG		U A
5234	COMPOSITE	5/16	8.0 TTG		U A	8249	COMPOSITE	(H)	12 LTG (b)(A)	(.015)	U A
2453	COMPOSITE	3/8	10.0 TTG		U A	Beijing Northglass Technologies Co. Ltd ; Beijing, China					
6099	COMPOSITE	5/32	4.0 TBG		U A	6668	COMP+CAN	1/4	6.0 TTG		U A
2306	COMPOSITE	3/16	5.0 TBG		U A	6669	COMP+CAN	5/16	8.0 TTG		U A
2307	COMPOSITE	1/4	6.0 TBG		U A	7562	COMP+CAN	3/8	10.0 TTG		U A
Anthony International ; San Fernando, CA						Beijing Wuhua Tianbao Glass Co. ; Beijing, China					
520	COMPOSITE	1/8	3.0 TTG		U A	6903	COMP+CAN	5/32	4.0 TTG		U A
2289	COMPOSITE	5/32	4.0 TTG		U A	6904	COMP+CAN	3/16	5.0 TTG		U A
999	COMPOSITE	3/16	5.0 TTG		U A	6905	COMP+CAN	1/4	6.0 TTG		U A
1000	COMPOSITE	1/4	6.0 TTG		U A	6906	COMP+CAN	5/16	8.0 TTG		U A
Architectural Glass Products, LLC. ; St. Louis, MO						Bel Pre Glassworks Inc. ; Rockville, MD					
4571	COMPOSITE	1/8	3.0 TTG		U A	6320	COMPOSITE	1/8	3.0 TTG		U A
4572	COMPOSITE	3/16	5.0 TTG		U A	6321	COMPOSITE	3/16	5.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	6322	COMPOSITE	1/4	6.0 TTG		U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	6711	COMPOSITE	3/8	10.0 TTG		U A
Arlene Stained Glass & Door ; Houston, TX						ArtVue Glass ; Sarasota, FL					
5127	COMPOSITE	1/8	3.0 TTG		U A	7445	COMPOSITE	(H)	10-16+ LTG (ev)(A)	(.060)	U A
3583	COMPOSITE	3/16	5.0 TTG		U A	7968	COMPOSITE	(H)	12 LTG (ip)(A)	(.035)	U A
3584	COMPOSITE	1/4	6.0 TTG		U A	Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					
3585	COMPOSITE	5/32	4.0 TPG (d)		U A	7929	COMPOSITE	5/32	4.0 TTG		U A
Armoured One Glass LLC ; Syracuse, NY						ArtVue Glass ; Sarasota, FL					
8196	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	7930	COMPOSITE	3/16	5.0 TTG		U A
8197	COMP+CAN	(H)	10,12 LTG (b)(A)	(.030)	U A	7931	COMPOSITE	1/4	6.0 TTG		U A
Arrow Mirror & Glass, Inc. ; Houston, TX						ArtVue Glass ; Sarasota, FL					
8213	COMPOSITE	1/4	6.0 TTG		U A	7932	COMPOSITE	5/16	8.0 TTG		U A
8214	COMPOSITE	3/8	10.0 TTG		U A	7933	COMPOSITE	3/8	10.0 TTG		U A
8215	COMPOSITE	1/2	12.0 TTG		U A	Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					
ArtVue Glass ; Sarasota, FL						Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					
7445	COMPOSITE	(H)	10-16+ LTG (ev)(A)	(.060)	U A	7929	COMPOSITE	5/32	4.0 TTG		U A
7968	COMPOSITE	(H)	12 LTG (ip)(A)	(.035)	U A	7930	COMPOSITE	3/16	5.0 TTG		U A
Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province						Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					
7929	COMPOSITE	5/32	4.0 TTG		U A	7931	COMPOSITE	1/4	6.0 TTG		U A
7930	COMPOSITE	3/16	5.0 TTG		U A	7932	COMPOSITE	5/16	8.0 TTG		U A
7931	COMPOSITE	1/4	6.0 TTG		U A	7933	COMPOSITE	3/8	10.0 TTG		U A
7932	COMPOSITE	5/16	8.0 TTG		U A	Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					
7933	COMPOSITE	3/8	10.0 TTG		U A	Ascent Glass Products (Zhong Shan) Limited ; Zhongshan City, Guangdong Province					

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Bel Shower Door Corporation ; Englewood, CO						BVGLAZING SYSTEMS ; Concord, ON					
6470	COMP+CAN	3/16	5.0 TTG		U A	6134	COMP+CAN	5/32	4.0 TTG		U A
6471	COMP+CAN	1/4	6.0 TTG		U A	6135	COMP+CAN	3/16	5.0 TTG		U A
6472	COMP+CAN	3/8	10.0 TTG		U A	6136	COMP+CAN	1/4	6.0 TTG		U A
6473	COMP+CAN	1/2	12.0 TTG		U A	6137	COMP+CAN	5/16	8.0 TTG		U A
6474	COMP+CAN	3/16	5.0 TPG (m)		U A	6138	COMP+CAN	3/8	10.0 TTG		U A
Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany						6139 COMP+CAN 1/2 12.0 TTG U A					
5145	COMPOSITE	*	6.0 TBP (s)(2)	22x7	A	6139	COMP+CAN	3/16	5.0 TPG (s)		U A
5144	COMPOSITE	*	7.0 TBP (d)(2)	16x7	A	C&C Custom Glass & Tempering, LLC ; Tulsa, OK					
2570	COMPOSITE	*	6.0 TBG (2)	20x7	A	6854	COMPOSITE	5/32	4.0 TTG		U A
2569	COMPOSITE	*	7.0 TBG (2)	16x7	A	6855	COMPOSITE	3/16	5.0 TTG		U A
BG Glass Technologies Inc. ; Barrie, Ontario						6856	COMPOSITE	1/4	6.0 TTG		U A
8137	COMP+CAN	5/32	4.0 TTG		U A	6857	COMPOSITE	5/16	8.0 TTG		U A
8138	COMP+CAN	3/16	5.0 TTG		U A	6858	COMPOSITE	3/8	10.0 TTG		U A
8139	COMP+CAN	1/4	6.0 TTG		U A	6859	COMPOSITE	1/2	12.0 TTG		U A
8140	COMP+CAN	3/8	10.0 TTG		U A	6860	COMPOSITE	3/4	19.0 TTG (IN)		U A
8141	COMP+CAN	1/2	12.0 TTG		U A	6962	COMPOSITE	5/32	4.0 TPG (s)		U A
Blackline Aluminum Systems ; Markham, ON						6861	COMPOSITE	3/16	5.0 TPG (s)		U A
8117	COMP+CAN	5/32	4.0 TTG		U A	6862	COMPOSITE	3/8	10.0 TPG (s)		U A
8118	COMP+CAN	3/16	5.0 TTG		U A	Cameron Glass, Inc. ; Broken Arrow, OK					
8119	COMP+CAN	1/4	6.0 TTG		U A	4832	COMP+CAN	1/8	3.0 TTG		U A
8120	COMP+CAN	3/8	10.0 TTG		U A	2501	COMP+CAN	3/16	5.0 TTG		U A
Blue Star Glass Inc. ; North Brunswick, NJ						2455	COMP+CAN	1/4	6.0 TTG		U A
4517	COMPOSITE	1/8	3.0 TTG		U A	2032	COMP+CAN	3/8	10.0 TTG		U A
6782	COMPOSITE	5/32	4.0 TTG		U A	2033	COMP+CAN	1/2	12.0 TTG		U A
4518	COMPOSITE	3/16	5.0 TTG		U A	Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti ; Kocaeli, Dilovasi					
4519	COMPOSITE	1/4	6.0 TTG		U A	8279	COMP+CAN	1/4	6.0 TTG		U A
6407	COMPOSITE	5/16	8.0 TTG		U A	8280	COMP+CAN	5/16	8.0 TTG		U A
4520	COMPOSITE	3/8	10.0 TTG		U A	8281	COMP+CAN	3/8	10.0 TTG		U A
4521	COMPOSITE	1/2	12.0 TTG		U A	8282	COMP+CAN	1/2	12.0 TTG		U A
5174	COMPOSITE	5/8	16.0 TTG		U A	8283	COMP+CAN	(H)	12-16+ LTG (A)(b)	(.060)	
5175	COMPOSITE	3/4	19.0 TTG		U A	Cardinal CG ; Buford, GA					
Bronco Industries, Inc. ; Delta, BC						1921	COMP+CAN	1/8	3.0 TTG		U A
6973	COMP+CAN	1/8	3.0 TTG		U A	1922	COMP+CAN	5/32	4.0 TTG		U A
5871	COMP+CAN	5/32	4.0 TTG		U A	1923	COMP+CAN	3/16	5.0 TTG		U A
6974	COMP+CAN	3/16	5.0 TTG		U A	1924	COMP+CAN	1/4	6.0 TTG		U A
5366	COMP+CAN	1/4	6.0 TTG		U A	2146	COMP+CAN	1/8	3.0 TPG (s)		U A
5367	COMP+CAN	3/8	10.0 TTG		U A	4599	COMP+CAN	3/16	5.0 TPG (s)		U A
5368	COMP+CAN	1/2	12.0 TTG		U A	Cardinal CG ; Casa Grande, AZ					
6972	COMP+CAN	3/4	19.0 TTG		U A	2878	COMP+CAN	1/8	3.0 TTG		U A
Bronx Westchester Tempering Inc. ; Mount Vernon, NY						2879	COMP+CAN	5/32	4.0 TTG		U A
7412	COMPOSITE	3/16	5.0 TTG		U A	2880	COMP+CAN	3/16	5.0 TTG		U A
7413	COMPOSITE	1/4	6.0 TTG		U A	2881	COMP+CAN	1/4	6.0 TTG		U A
7414	COMPOSITE	3/8	10.0 TTG		U A	4103	COMP+CAN	1/8	3.0 TPG (m)		U A
7415	COMPOSITE	1/2	12.0 TTG		U A	4104	COMP+CAN	5/32	4.0 TPG (d)		U A
7416	COMPOSITE	5/8	16.0 TTG		U A	4105	COMP+CAN	3/16	5.0 TPG (m)		U A
7417	COMPOSITE	3/4	19.0 TTG		U A	Cardinal CG ; Galt, CA					
Burhani Glass Factory, LLC ; Dubai, UAE						2357	COMPOSITE	1/8	3.0 TTG		U A
8111	COMPOSITE	1/4	6.0 TTG		U A	2358	COMPOSITE	5/32	4.0 TTG		U A
8112	COMPOSITE	5/16	8.0 TTG		U A	2359	COMPOSITE	3/16	5.0 TTG		U A
8113	COMPOSITE	3/8	10.0 TTG		U A	2360	COMPOSITE	1/4	6.0 TTG		U A
8114	COMPOSITE	1/2	12.0 TTG		U A	3599	COMPOSITE	1/8	3.0 TPG (s)		U A
8115	COMPOSITE	H	12.0 LTG (b)(A)	(.060)	U A	4347	COMPOSITE	5/32	4.0 TPG (d)		U A
						3601	COMPOSITE	3/16	5.0 TPG (m)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal CG ; Loveland, CO						Cardinal CG ; Waxahachie, TX					
3579	COMPOSITE	1/8	3.0 TTG		U A	2699	COMP+CAN	1/8	3.0 TTG		U A
3580	COMPOSITE	5/32	4.0 TTG		U A	2700	COMP+CAN	5/32	4.0 TTG		U A
3581	COMPOSITE	3/16	5.0 TTG		U A	2701	COMP+CAN	3/16	5.0 TTG		U A
3555	COMPOSITE	1/4	6.0 TTG		U A	2702	COMP+CAN	1/4	6.0 TTG		U A
8060	COMPOSITE	5/16	8.0 TTG		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	Cardinal CT ; Adel, GA					
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	5095	COMP+CAN	1/8	3.0 TTG		U A
5720	COMPOSITE	1/4	6.0 TPG (d)		U A	5096	COMP+CAN	5/32	4.0 TTG		U A
Cardinal CG ; Mazomanie, WI						5097	COMP+CAN	3/16	5.0 TTG		U A
4780	COMP+CAN	1/8	3.0 TTG		U A	5364	COMP+CAN	1/4	6.0 TTG		U A
4781	COMP+CAN	5/32	4.0 TTG		U A	6842	COMP+CAN	5/16	8.0 TTG		U A
5306	COMP+CAN	3/16	5.0 TTG		U A	6172	COMP+CAN	3/8	10.0 TTG		U A
4783	COMP+CAN	1/4	6.0 TTG		U A	6173	COMP+CAN	1/2	12.0 TTG		U A
6552	COMP+CAN	5/16	8.0 TTG		U A	5098	COMP+CAN	1/8	3.0 TPG (d)		U A
Cardinal CG ; Moreno Valley, CA						5099	COMP+CAN	5/32	4.0 TPG (d)		U A
2293	COMP+CAN	1/8	3.0 TTG		U A	5100	COMP+CAN	3/16	5.0 TPG (d)		U A
2294	COMP+CAN	5/32	4.0 TTG		U A	6174	COMP+CAN	1/4	6.0 TPG (s)		U A
2295	COMP+CAN	3/16	5.0 TTG		U A	6516	COMP+CAN	3/8	10.0 TPG (s)		U A
2296	COMP+CAN	1/4	6.0 TTG		U A	Cardinal CT ; Easton, PA					
5335	COMP+CAN	1/8	3.0 TPG (s)		U A	4756	COMP+CAN	1/8	3.0 TTG		U A
5336	COMP+CAN	3/16	5.0 TPG (m)		U A	4757	COMP+CAN	5/32	4.0 TTG		U A
Cardinal CG ; Northfield, MN						4758	COMP+CAN	3/16	5.0 TTG		U A
1985	COMP+CAN	1/8	3.0 TTG		U A	5842	COMP+CAN	1/4	6.0 TTG		U A
1986	COMP+CAN	5/32	4.0 TTG		U A	4759	COMP+CAN	1/8	3.0 TPG (m)		U A
1987	COMP+CAN	3/16	5.0 TTG		U A	4760	COMP+CAN	5/32	4.0 TPG (s)		U A
1988	COMP+CAN	1/4	6.0 TTG		U A	6143	COMP+CAN	3/16	5.0 TPG (m)		U A
4775	COMP+CAN	5/16	8.0 TTG		U A	Cardinal CT ; Fort Worth, TX					
4137	COMP+CAN	3/8	10.0 TTG		U A	7317	COMPOSITE	1/8	3.0 TTG		U A
6534	COMP+CAN	1/2	12.0 TTG		U A	7318	COMPOSITE	5/32	4.0 TTG		U A
2011	COMP+CAN	1/8	3.0 TPG (s)		U A	7319	COMPOSITE	3/16	5.0 TTG		U A
2012	COMP+CAN	5/32	4.0 TPG (d)		U A	7320	COMPOSITE	1/4	6.0 TTG		U A
2013	COMP+CAN	3/16	5.0 TPG (m)		U A	7321	COMPOSITE	1/8	3.0 TPG (m)		U A
Cardinal CG ; Spring Green, WI						7323	COMPOSITE	5/32	4.0 TPG (m)		U A
2067	COMP+CAN	1/8	3.0 TTG		U A	7322	COMPOSITE	3/16	5.0 TPG (m)		U A
2068	COMP+CAN	5/32	4.0 TTG		U A	Cardinal CT ; Los Angeles, CA					
2069	COMP+CAN	3/16	5.0 TTG		U A	5085	COMP+CAN	1/8	3.0 TTG		U A
2070	COMP+CAN	1/4	6.0 TTG		U A	5086	COMP+CAN	5/32	4.0 TTG		U A
5281	COMP+CAN	5/16	8.0 TTG		U A	5087	COMP+CAN	3/16	5.0 TTG		U A
2071	COMP+CAN	1/8	3.0 TPG (s)		U A	5991	COMP+CAN	1/4	6.0 TTG		U A
6802	COMP+CAN	3/16	5.0 TPG (m)		U A	5088	COMP+CAN	1/8	3.0 TPG (s)		U A
Cardinal CG ; Tumwater, WA						5089	COMP+CAN	3/16	5.0 TPG (s)		U A
2007	COMP+CAN	1/8	3.0 TTG		U A	Cardinal CT ; Mount Airy, NC					
2008	COMP+CAN	5/32	4.0 TTG		U A	4578	COMP+CAN	1/8	3.0 TTG		U A
2009	COMP+CAN	3/16	5.0 TTG		U A	4579	COMP+CAN	5/32	4.0 TTG		U A
2010	COMP+CAN	1/4	6.0 TTG		U A	4580	COMP+CAN	3/16	5.0 TTG		U A
2954	COMP+CAN	1/8	3.0 TPG (s)		U A	8134	COMP+CAN	1/4	6.0 TTG		U A
6723	COMP+CAN	5/32	4.0 TPG (d)		U A	4581	COMP+CAN	1/8	3.0 TPG (s)		U A
2956	COMP+CAN	3/16	5.0 TPG (m)		U A	4742	COMP+CAN	5/32	4.0 TPG (s)		U A
						4582	COMP+CAN	3/16	5.0 TPG (s)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal CT ; Utica, OH						Cardinal IG ; Hood River, OR					
4620	COMP+CAN	1/8	3.0 TTG		U A	2831	COMP+CAN	1/8	3.0 TTG		U A
4621	COMP+CAN	5/32	4.0 TTG		U A	2858	COMP+CAN	5/32	4.0 TTG		U A
4622	COMP+CAN	3/16	5.0 TTG		U A	2833	COMP+CAN	3/16	5.0 TTG		U A
5479	COMP+CAN	1/4	6.0 TTG		U A	2834	COMP+CAN	1/4	6.0 TTG		U A
4623	COMP+CAN	1/8	3.0 TPG (m)		U A	7926	COMP+CAN	5/16	8.0 TTG		U A
4624	COMP+CAN	5/32	4.0 TPG (m)		U A	2857	COMP+CAN	1/8	3.0 TPG (s)		U A
4625	COMP+CAN	3/16	5.0 TPG (m)		U A	4836	COMP+CAN	5/32	4.0 TPG (d)		U A
Cardinal FG ; Durant, OK						Cardinal IG ; Mountain Top, PA					
2909	COMP+CAN	1/8	3.0 TTG		U A	3068	COMP+CAN	1/8	3.0 TTG		U A
2910	COMP+CAN	5/32	4.0 TTG		U A	3069	COMP+CAN	5/32	4.0 TTG		U A
2911	COMP+CAN	3/16	5.0 TTG		U A	3070	COMP+CAN	3/16	5.0 TTG		U A
2912	COMP+CAN	1/4	6.0 TTG		U A	3071	COMP+CAN	1/4	6.0 TTG		U A
Cardinal IG ; Buckeye, AZ						Cardinal IG ; Ocala, FL					
6556	COMP+CAN	1/8	3.0 TTG		U A	3073	COMP+CAN	1/8	3.0 TPG (m)		U A
6522	COMP+CAN	5/32	4.0 TTG		U A	3115	COMP+CAN	5/32	4.0 TPG (s)		U A
6523	COMP+CAN	3/16	5.0 TTG		U A	3072	COMP+CAN	3/16	5.0 TPG (m)		U A
6524	COMP+CAN	1/4	6.0 TTG		U A	Cardinal IG ; Spring Green, WI					
6557	COMP+CAN	5/16	8.0 TTG		U A	3505	COMPOSITE	1/8	3.0 TTG		U A
7491	COMP+CAN	1/8	3.0 TPG (m)		U A	3506	COMPOSITE	5/32	4.0 TTG		U A
6525	COMP+CAN	5/32	4.0 TPG (d)		U A	3507	COMPOSITE	3/16	5.0 TTG		U A
6559	COMP+CAN	3/16	5.0 TPG (m)		U A	3508	COMPOSITE	1/4	6.0 TTG		U A
Cardinal IG ; Fargo, ND						Cardinal IG ; Tomah, WI					
2235	COMP+CAN	1/8	3.0 TTG		U A	4584	COMPOSITE	1/8	3.0 TPG (m)		U A
2234	COMP+CAN	5/32	4.0 TTG		U A	4587	COMPOSITE	1/4	6.0 TPG (s)		U A
2233	COMP+CAN	3/16	5.0 TTG		U A	3509	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
2232	COMP+CAN	1/4	6.0 TTG		U A	6100	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
7067	COMP+CAN	5/16	8.0 TTG		U A	3510	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A
2231	COMP+CAN	1/8	3.0 TPG (s)		U A	4362	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.035)	U A
2285	COMP+CAN	5/32	4.0 TPG (m)		U A	Cardinal IG ; Vinton, VA					
2286	COMP+CAN	3/16	5.0 TPG (s)		U A	2919	COMP+CAN	1/8	3.0 TTG		U A
Cardinal IG ; Fremont, IN						Cardinal IG ; Tomah, WI					
2176	COMP+CAN	1/8	3.0 TTG		U A	2317	COMP+CAN	1/8	3.0 TTG		U A
2177	COMP+CAN	5/32	4.0 TTG		U A	2318	COMP+CAN	5/32	4.0 TTG		U A
2178	COMP+CAN	3/16	5.0 TTG		U A	2319	COMP+CAN	3/16	5.0 TTG		U A
2179	COMP+CAN	1/4	6.0 TTG		U A	2320	COMP+CAN	1/4	6.0 TTG		U A
2203	COMP+CAN	1/8	3.0 TPG (s)		U A	6069	COMP+CAN	5/16	8.0 TTG		U A
2204	COMP+CAN	5/32	4.0 TPG (m)		U A	2321	COMP+CAN	1/8	3.0 TPG (m)		U A
2205	COMP+CAN	3/16	5.0 TPG (s)		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
Cardinal IG ; Greenfield, IA						Cardinal IG ; Vinton, VA					
1827	COMP+CAN	1/8	3.0 TTG		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
1828	COMP+CAN	5/32	4.0 TTG		U A	Cardinal IG ; Vinton, VA					
1829	COMP+CAN	3/16	5.0 TTG		U A	2919	COMP+CAN	1/8	3.0 TTG		U A
1830	COMP+CAN	1/4	6.0 TTG		U A	2920	COMP+CAN	5/32	4.0 TTG		U A
5435	COMP+CAN	5/16	8.0 TTG		U A	2921	COMP+CAN	3/16	5.0 TTG		U A
1841	COMP+CAN	1/8	3.0 TPG (s)		U A	2922	COMP+CAN	1/4	6.0 TTG		U A
1842	COMP+CAN	5/32	4.0 TPG (d)		U A	2923	COMP+CAN	1/8	3.0 TPG (s)		U A
1843	COMP+CAN	3/16	5.0 TPG (s)		U A	2924	COMP+CAN	5/32	4.0 TPG (d)		U A
						3619	COMP+CAN	3/16	5.0 TPG (s)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal IG ; Waxahachie, TX						Central Valley Glass & Screen, Inc. ; Sacramento, CA					
2328	COMP+CAN	1/8	3.0 TTG		U A	7551	COMPOSITE	1/8	3.0 TTG		U A
2329	COMP+CAN	5/32	4.0 TTG		U A	7552	COMPOSITE	5/32	4.0 TTG		U A
2330	COMP+CAN	3/16	5.0 TTG		U A	7553	COMPOSITE	3/16	5.0 TTG		U A
2331	COMP+CAN	1/4	6.0 TTG		U A	7554	COMPOSITE	1/4	6.0 TTG		U A
2397	COMP+CAN	1/8	3.0 TPG (m)		U A	7555	COMPOSITE	3/8	10.0 TTG		U A
4091	COMP+CAN	5/32	4.0 TPG (d)		U A	7556	COMPOSITE	1/2	12.0 TTG		U A
2399	COMP+CAN	3/16	5.0 TPG (m)		U A	CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC					
Cardinal LG ; Amery, WI						7809	COMP+CAN	1/8	3.0 TTG		U A
8255	COMP+CAN	5/32	4.0 TTG		U A	7239	COMP+CAN	3/16	5.0 TTG		U A
5193	COMP+CAN	3/16	5.0 TTG		U A	7240	COMP+CAN	1/4	6.0 TTG		U A
4841	COMP+CAN	1/4	6.0 TTG		U A	7243	COMP+CAN	3/8	10.0 TTG		U A
4842	COMP+CAN	5/16	8.0 TTG		U A	7241	COMP+CAN	1/2	12.0 TTG		U A
4843	COMP+CAN	3/8	10.0 TTG		U A	Changshu Fardglass Co. Ltd. ; Changshu, Jiangsu					
4844	COMP+CAN	1/2	12.0 TTG		U A	6684	COMP+CAN	1/8	3.0 TTG		U A
6484	COMP+CAN	5/8	16.0 TTG (IN)		U A	ChangShu MayBo Glass Co., Ltd ; Changshu, Jiangsu, China					
2976	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A	7115	COMPOSITE	1/8	3.0 TTG		U A
4350	COMP+CAN	(S)	5-6 LTG (ip)(A)	(.035)	U A	7114	COMPOSITE	5/32	4.0 TTG		U A
4120	COMP+CAN	(S)	5 LTG (b)(A)	(.015)(C1)	U B	7116	COMPOSITE	3/16	5.0 TTG		U A
4351	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu, China					
2462	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5351	COMPOSITE	1/8	3.0 TTG		U A
8336	COMP+CAN	(H)	16+ LSP (b)(A)	.060X2 ECX1	U A	5352	COMPOSITE	5/32	4.0 TTG		U A
Cardinal LG Northeast ; Jessup, PA						5353	COMPOSITE	3/16	5.0 TTG		U A
7496	COMP+CAN	1/8	3.0 TTG		U A	5354	COMPOSITE	1/4	6.0 TTG		U A
7497	COMP+CAN	5/32	4.0 TTG		U A	Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu, China					
7498	COMP+CAN	3/16	5.0 TTG		U A	4657	COMP+CAN	1/8	3.0 TTG		U A
7499	COMP+CAN	1/4	6.0 TTG		U A	5151	COMP+CAN	5/16	8.0 TTG		U A
7500	COMP+CAN	5/16	8.0 TTG		U A	5152	COMP+CAN	3/8	10.0 TTG		U A
7549	COMP+CAN	3/8	10.0 TTG		U A	Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu, China					
7550	COMP+CAN	1/2	12.0 TTG		U A	2432	COMP+CAN	1/8	3.0 TTG		U A
5224	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A	6191	COMP+CAN	5/32	4.0 TTG		U A
6617	COMP+CAN	(S)	5-6 LTG (ip)(A)	(.035)	U A	6475	COMP+CAN	3/16	5.0 TTG		U A
5225	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A	6499	COMP+CAN	1/4	6.0 TTG		U A
6618	COMP+CAN	(H)	8-12 LTG (ip)(A)	(.035)	U A	6500	COMP+CAN	5/16	8.0 TTG		U A
Cardinal Tempering ; Louisville, KY						4363	COMP+CAN	(H)	8 LTG (b)(A)	(.090)	U A
3871	COMPOSITE	5/32	4.0 TTG		U A	Changshu Zhouxing Glass Co. Ltd. ; Changshu, Jiangsu Province, China					
3872	COMPOSITE	3/16	5.0 TTG		U A	4936	COMP+CAN	1/8	3.0 TTG		U A
3873	COMPOSITE	1/4	6.0 TTG		U A	Chicago Tempered Glass, Inc. ; Chicago, IL					
3874	COMPOSITE	3/8	10.0 TTG		U A	3086	COMPOSITE	5/32	4.0 TTG		U A
3875	COMPOSITE	1/2	12.0 TTG		U A	3087	COMPOSITE	3/16	5.0 TTG		U A
Cardinal TG ; Chehalis, WA						3088	COMPOSITE	1/4	6.0 TTG		U A
3455	COMP+CAN	1/8	3.0 TTG		U A	3089	COMPOSITE	3/8	10.0 TTG		U A
3456	COMP+CAN	5/32	4.0 TTG		U A	3090	COMPOSITE	1/2	12.0 TTG		U A
3458	COMP+CAN	3/16	5.0 TTG		U A	6714	COMPOSITE	(H)	12 LTG (ip)(A) (IN)	(.035)	U A
3459	COMP+CAN	1/4	6.0 TTG		U A	Carey Glass UC ; Nenagh, Co. Tipperary					
Carey Glass UC ; Nenagh, Co. Tipperary						5998	COMP+CAN	1/4	6.0 TTG		U A
5998	COMP+CAN	1/4	6.0 TTG		U A	5999	COMP+CAN	5/16	8.0 TTG		U A
5999	COMP+CAN	5/16	8.0 TTG		U A	6000	COMP+CAN	3/8	10.0 TTG		U A
6000	COMP+CAN	3/8	10.0 TTG		U A	7333	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.060)	U A
7333	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.060)	U A	6001	COMP+CAN	(H)	12-16+ LTG (b)(A)	(.060)	U A
6001	COMP+CAN	(H)	12-16+ LTG (b)(A)	(.060)	U A	Cat-I Manufacturing, Inc. ; South Elgin, IL					
Cat-I Manufacturing, Inc. ; South Elgin, IL						8076	COMP+CAN	1/8	3.0 TTG		24x3 A
8076	COMP+CAN	1/8	3.0 TTG		24x3 A	5755	COMP+CAN	5/32	4.0 TTG		24x3 A
5755	COMP+CAN	5/32	4.0 TTG		24x3 A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Chongqing SYP Engineering Glass Co., Ltd. ; Chongqing, China						Contemporary Glass Tempering, LLC ; Houston, TX					
6810	COMP+CAN	1/4	6.0 TTG		U A	8040	COMPOSITE	1/8	3.0 TTG		U A
6811	COMP+CAN	5/16	8.0 TTG		U A	8041	COMPOSITE	5/32	4.0 TTG		U A
6812	COMP+CAN	3/8	10.0 TTG		U A	8042	COMPOSITE	3/16	5.0 TTG		U A
6813	COMP+CAN	1/2	12.0 TTG		U A	8043	COMPOSITE	1/4	6.0 TTG		U A
6814	COMP+CAN	(H)	12-16+ LTG	(b)(A)	(.030) U A	8044	COMPOSITE	3/8	10.0 TTG		U A
6815	COMP+CAN	(H)	12-16+ LTG	(ip)(A)	(.060) U A	8045	COMPOSITE	1/2	12.0 TTG		U A
Classy Glass Specialties Co., Ltd ; Dongguan, Guangdong						Contour Industries, Inc. ; Surgoinsville, TN					
5159	COMPOSITE	1/4	6.0 TTG		U A	1680	COMP+CAN	1/8	3.0 TTG		U A
5160	COMPOSITE	5/16	8.0 TTG		U A	4285	COMP+CAN	5/32	4.0 TTG		U A
5161	COMPOSITE	3/8	10.0 TTG		U A	1678	COMP+CAN	3/16	5.0 TTG		U A
5162	COMPOSITE	1/2	12.0 TTG		U A	1677	COMP+CAN	1/4	6.0 TTG		U A
7634	COMPOSITE	(H)	25+ LTG	(b)(A)	(.060) U A	4701	COMP+CAN	5/16	8.0 TTG		U A
Cleer Vision Tempered Glass ; Elkhart, IN						Contract Glass ; Billerica, MA					
4546	COMP+CAN	1/8	3.0 TTG		U A	4702	COMP+CAN	3/8	10.0 TTG		U A
7630	COMP+CAN	1/4	6.0 TTG		U A	4703	COMP+CAN	1/8	3.0 TPG (s)		U A
Clinton Glass Company (Middlebrook Pike) ; Knoxville, TN						Contractors Wardrobe ; Valencia, CA					
7543	COMPOSITE	1/4	6.0 TTG		U A	4704	COMP+CAN	5/32	4.0 TPG (s)(IN)		U A
7831	COMPOSITE	5/16	8.0 TTG		U A	4705	COMP+CAN	3/16	5.0 TPG (s)		U A
7544	COMPOSITE	3/8	10.0 TTG		U A	4970	COMPOSITE	1/8	3.0 TTG		U A
7545	COMPOSITE	1/2	12.0 TTG		U A	4971	COMPOSITE	5/32	4.0 TTG		U A
Colorkote CT, LLC ; Stratford, CT						Control Glass, A&S, S.L. ; Teruel					
7095	COMP+CAN	(H)	10-12 LTG	(ev)(A)	(.060) U A	4972	COMPOSITE	3/16	5.0 TTG		U A
Comercial Dialum SA ; Santiago, Chile						Contractors Wardrobe ; Valencia, CA					
5938	COMPOSITE	(H)	12 LTG	(ip)(A)	(.035) U A	3464	COMP+CAN	1/8	3.0 TTG		U A
Commercial Insulating Glass Co. ; Cumberland City, TN						Control Glass, A&S, S.L. ; Teruel					
3806	COMPOSITE	1/8	3.0 TTG		U A	3465	COMP+CAN	5/32	4.0 TTG		U A
3807	COMPOSITE	3/16	5.0 TTG		U A	3466	COMP+CAN	3/16	5.0 TTG		U A
3808	COMPOSITE	1/4	6.0 TTG		U A	3467	COMP+CAN	1/4	6.0 TTG		U A
Compagnie de Portes Énergétique EDC (Energy Door Company) ; L'Assomption, Quebec						Control Glass, A&S, S.L. ; Teruel					
7192	COMP+CAN	5/32	4.0 TTG		U A	3468	COMP+CAN	5/16	8.0 TTG		U A
Complete Line Glass Wholesalers, Inc. ; San Antonio, TX						Control Glass, A&S, S.L. ; Teruel					
7565	COMPOSITE	1/8	3.0 TTG		U A	3469	COMP+CAN	3/8	10.0 TTG		U A
7566	COMPOSITE	5/32	4.0 TTG		U A	3470	COMP+CAN	1/2	12.0 TTG		U A
7567	COMPOSITE	3/16	5.0 TTG		U A	3472	COMP+CAN	3/4	19.0 TTG		U A
7568	COMPOSITE	1/4	6.0 TTG		U A	3473	COMP+CAN	1/8	3.0 TPG (m)		U A
7569	COMPOSITE	3/8	10.0 TTG		U A	3474	COMP+CAN	5/32	4.0 TPG (m)		U A
7570	COMPOSITE	3/16	5.0 TPG (m)		U A	3475	COMP+CAN	3/16	5.0 TPG (m)		U A
7572	COMPOSITE	3/8	10.0 TPG (s)		U A	3476	COMP+CAN	1/4	6.0 TPG (s)		U A
Consolidated Glass Corp. ; New Castle, PA						Control Glass, A&S, S.L. ; Teruel					
1998	COMP+CAN	1/8	3.0 TTG		U A	3477	COMP+CAN	3/8	10.0 TPG (s)		U A
1999	COMP+CAN	5/32	4.0 TTG		U A	Control Glass, A&S, S.L. ; Teruel					
2005	COMP+CAN	3/16	5.0 TTG		U A	7791	COMP+CAN	5/32	4.0 TTG		U A
2002	COMP+CAN	1/4	6.0 TTG		U A	7792	COMP+CAN	1/4	6.0 TTG		U A
3635	COMP+CAN	5/16	8.0 TTG		U A	7793	COMP+CAN	3/8	10.0 TTG		U A
2003	COMP+CAN	3/8	10.0 TTG		U A	7988	COMP+CAN	*	12.0 TTG (4)		U A
2004	COMP+CAN	1/2	12.0 TTG		U A	7794	COMP+CAN	(H)	8-16+ LTG	(b)(A)	(.030) U A
2355	COMP+CAN	5/32	4.0 TPG (m)		U A	7795	COMP+CAN	(H)	12-16+ LTG	(ip)(A)	(.060) U A
2354	COMP+CAN	3/16	5.0 TPG (m)		U A	Coral Industries Glass Division ; Tuscaloosa, AL					
4714	COMP+CAN	1/4	6.0 TPG (m)		U A	1910	COMPOSITE	3/16	5.0 TTG		U A
4785	COMP+CAN	3/8	10.0 TPG (s)		U A	1911	COMPOSITE	1/4	6.0 TTG		U A
						Core Fabrication Inc. ; Edison, NJ					
						8145	COMP+CAN	1/4	6.0 TTG		U A
						8146	COMP+CAN	3/8	10.0 TTG		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
CRICURSA SA ; Balaguer, Lleida						Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang, China					
5695	COMPOSITE	1/4	6.0 TTG		U A	4055	COMPOSITE	1/8	3.0 TTG		U A
6840	COMPOSITE	5/16	8.0 TTG		U A	4056	COMPOSITE	5/32	4.0 TTG		U A
5697	COMPOSITE	3/8	10.0 TTG		U A	4057	COMPOSITE	3/16	5.0 TTG		U A
5698	COMPOSITE	1/2	12.0 TTG		U A	4146	COMPOSITE	1/4	6.0 TTG		U A
5699	COMPOSITE (H)	12-16+ LTG	(b)(A)	(.015)	U A	4147	COMPOSITE	3/8	10.0 TTG		U A
5878	COMPOSITE (H)	12-16+ LTG	(ip)(A)	(.035)	U A	Dillmeier Enterprise, Inc. ; Van Buren, AR					
Crystal Tempering, Inc. ; Debary, FL						4838	COMPOSITE	1/8	3.0 TTG		U A
6209	COMPOSITE	3/16	5.0 TTG		U A	3912	COMPOSITE	3/16	5.0 TTG		U A
6210	COMPOSITE	1/4	6.0 TTG		U A	3913	COMPOSITE	1/4	6.0 TTG		U A
6211	COMPOSITE	3/8	10.0 TTG		U A	4839	COMPOSITE	5/16	8.0 TTG		U A
6212	COMPOSITE	1/2	12.0 TTG		U A	3914	COMPOSITE	3/8	10.0 TTG		U A
6214	COMPOSITE	3/16	5.0 TPG (m)		U A	3915	COMPOSITE	1/2	12.0 TTG		U A
6215	COMPOSITE	1/4	6.0 TPG (s)		U A	3916	COMPOSITE	5/8	16.0 TTG		U A
6216	COMPOSITE	3/8	10.0 TPG (s)		U A	3917	COMPOSITE	3/4	19.0 TTG		U A
CS ECO Glass ; Negeri Sembilan, Malaysia						7947	COMP+CAN (S)	6 LTG (ev)(A)	(.030)	U A	
6867	COMPOSITE	3/16	5.0 TTG		U A	8088	COMP+CAN (H)	10 LTG (ev)(T)	(.030)	U A	
6868	COMPOSITE	1/4	6.0 TTG		U A	8110	COMP+CAN (H)	10 LTG (ev)(A)	(.035)	U A	
6869	COMPOSITE	5/16	8.0 TTG		U A	Dlubak Specialty Glass Corporation ; Blairsville, PA					
6870	COMPOSITE	3/8	10.0 TTG		U A	3017	COMPOSITE	1/4	6.0 TTG		U A
6871	COMPOSITE	1/2	12.0 TTG		U A	3018	COMPOSITE	1/2	12.0 TTG		U A
8239	COMPOSITE (H)	10-16+ LTG	(b)(A)	(.015)	U A	3019	COMPOSITE	3/4	19.0 TTG		U A
Curved Glass Creations, LLC ; Pompano Beach, FL						5965	COMPOSITE	1/4	6.0 TBG		U A
7113	COMPOSITE (H)	10-16+ LTG	(ev)(A)	(.060)	U A	6234	COMPOSITE (H)	12 LTG (b)(A)	(.060)	U A	
Custom Glass Products Inc. ; Weston, WI						7016	COMPOSITE (H)	12 LTG (ip)(A)	(.060)	U A	
4002	COMPOSITE	1/4	6.0 TTG		U A	Dolphin Glass Specialists, LLC ; Hialeah, FL					
6671	COMPOSITE	1/2	12.0 TTG		U A	4729	COMPOSITE (H)	12 LTG (b)(A)	(.030)	U A	
D3 Glass, LLC ; Fort Myers, FL						Dolphin Temper Glass LLC ; Miami Gardens, FL					
7627	COMPOSITE	1/4	6.0 TTG		U A	7840	COMPOSITE	1/4	6.0 TTG		U A
7628	COMPOSITE	3/8	10.0 TTG		U A	Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong, China					
7629	COMPOSITE	1/2	12.0 TTG		U A	3932	COMP+CAN	5/32	4.0 TTG		U A
7626	COMPOSITE	3/8	10.0 TPG (s)		U A	3933	COMP+CAN	3/16	5.0 TTG		U A
7625	COMPOSITE (H)	12 LTG	(ev)(A)	(.030)	U A	3934	COMP+CAN	1/4	6.0 TTG		U A
Dalian Huaying Glass Limited Liability Co. ; Liaoning, China						3935	COMP+CAN	5/16	8.0 TTG		U A
5260	COMP+CAN	1/8	3.0 TTG		U A	3936	COMP+CAN	3/8	10.0 TTG		U A
6639	COMP+CAN	5/32	4.0 TTG		U A	3937	COMP+CAN	1/2	12.0 TTG		U A
5261	COMP+CAN	3/16	5.0 TTG		U A	3938	COMP+CAN *	15.0 TTG (4)		U A	
Dallas Flat Glass ; Carrollton, TX						3939	COMP+CAN	3/4	19.0 TTG		U A
4790	COMPOSITE	1/8	3.0 TTG		U A	4167	COMP+CAN (H)	8-16+ LTG (b)(A)	(.030)	U A	
4763	COMPOSITE	3/16	5.0 TTG		U A	Dongguan Dehui Industrial Co., LTD. ; Dongguan City, Guangdong					
3701	COMPOSITE	1/4	6.0 TTG		U A	7637	COMP+CAN	1/8	3.0 TTG		U A
4566	COMPOSITE	3/8	10.0 TTG		U A	Dongguan Dongfa Glass Product Co., Ltd ; Dongguan, Guangdong, China					
4567	COMPOSITE	1/2	12.0 TTG		U A	4132	COMP+CAN	5/16	8.0 TTG		U A
8174	COMPOSITE	3/4	19.0 TTG		U A	4125	COMP+CAN	3/8	10.0 TTG		U A
Denver Glass Interiors, Inc. ; Englewood, CO						4126	COMP+CAN	1/2	12.0 TTG		U A
3865	COMPOSITE	3/16	5.0 TTG		U A	7620	COMP+CAN *	15.0 TTG (4)		U A	
3866	COMPOSITE	1/4	6.0 TTG		U A	7621	COMP+CAN	3/4	19.0 TTG		U A
3867	COMPOSITE	3/8	10.0 TTG		U A	4123	COMP+CAN (H)	12 LTG (b)(A)	(.030)	U A	
3868	COMPOSITE	1/2	12.0 TTG		U A	4124	COMP+CAN (H)	16+ LTG (b)(A)	(.030)	U A	
7582	COMPOSITE	3/16	5.0 TPG (m)		U A						
4507	COMPOSITE	1/4	6.0 TPG (m)		U A						
4508	COMPOSITE	3/8	10.0 TPG (s)		U A						
6902	COMPOSITE (H)	8-16+ LTG	(ip)(A)	(.060)	U A						
6916	COMPOSITE (H)	8-16+ LTG	(b)(A)	(.030)	U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Double Seal Insulating Glass Ltd. ; Toronto, ON						Epta S.P.A. ; Limana, Belluno					
8307	COMP+CAN	1/8	3.0 TTG		U A	7934	COMP+CAN	5/32	4.0 TTG		U A
8308	COMP+CAN	5/32	4.0 TTG		U A	Erdem Dis Ticaret A.S. ; Istanbul, Pendik					
8309	COMP+CAN	3/16	5.0 TTG		U A	7609	COMP+CAN	1/4	6.0 TTG		U A
8310	COMP+CAN	1/4	6.0 TTG		U A	7610	COMP+CAN	5/16	8.0 TTG		U A
Downey Glass ; Pompano Beach, FL						7611	COMP+CAN	3/8	10.0 TTG		U A
2661	COMPOSITE	3/16	5.0 TTG		U A	7612	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
2662	COMPOSITE	1/4	6.0 TTG		U A	Euroglas-De Landtsheer NV ; Bornem, Belgium					
5554	COMPOSITE	5/16	8.0 TTG		U A	8147	COMPOSITE	1/4	6.0 TTG		U A
2663	COMPOSITE	3/8	10.0 TTG		U A	8148	COMPOSITE	5/16	8.0 TTG		U A
2664	COMPOSITE	1/2	12.0 TTG		U A	8149	COMPOSITE	3/8	10.0 TTG		U A
2665	COMPOSITE	3/4	19.0 TTG		U A	8150	COMPOSITE	1/2	12.0 TTG		U A
3487	COMPOSITE	3/16	5.0 TPG (s)		U A	Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia					
4626	COMPOSITE	3/8	10.0 TPG (s)		U A	8157	COMPOSITE	1/4	6.0 TTG		U A
5121	COMPOSITE (S)		6 LTG (ip)(A)	(.035)	U A	8158	COMPOSITE	3/8	10.0 TTG		U A
5122	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.035)	U A	8159	COMPOSITE *		12.0 TTG (4)		U A
Eagle Valley Glass ; Gypsum, CO						8161	COMPOSITE (H)		10-16+ LTG (b)(A)	(.030)	U A
6672	COMPOSITE	3/16	5.0 TTG		U A	8160	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.035)	U A
6673	COMPOSITE	1/4	6.0 TTG		U A	Fairis C.A. ; Ambato, Tungurahua, Ecuador					
6674	COMPOSITE	3/8	10.0 TTG		U A	4425	COMPOSITE	5/32	4.0 TTG		U A
6675	COMPOSITE	1/2	12.0 TTG		U A	4426	COMPOSITE	3/16	5.0 TTG		U A
Echols Glass and Mirror, Inc. ; Buford, GA						4427	COMPOSITE	1/4	6.0 TTG		U A
7712	COMPOSITE	1/8	3.0 TTG		U A	4428	COMPOSITE	5/16	8.0 TTG		U A
6314	COMPOSITE	3/16	5.0 TTG		U A	4429	COMPOSITE	3/8	10.0 TTG		U A
6315	COMPOSITE	1/4	6.0 TTG		U A	4722	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A
6316	COMPOSITE	3/8	10.0 TTG		U A	4430	COMPOSITE (H)		10-12 LTG (b)(A)	(.030)	U A
6317	COMPOSITE	1/2	12.0 TTG		U A	Flat Glass Distributors ; Jacksonville, FL					
6318	COMPOSITE	3/16	5.0 TPG (m)		U A	3822	COMPOSITE	1/8	3.0 TTG		U A
6319	COMPOSITE	3/8	10.0 TPG (s)		U A	3823	COMPOSITE	3/16	5.0 TTG		U A
Eckelt Glas GmbH ; Steyr, Austria						3824	COMPOSITE	1/4	6.0 TTG		U A
2850	COMPOSITE	1/4	6.0 TTG		U A	3825	COMPOSITE	3/8	10.0 TTG		U A
2851	COMPOSITE	5/16	8.0 TTG		U A	3826	COMPOSITE	1/2	12.0 TTG		U A
2852	COMPOSITE	3/8	10.0 TTG		U A	3828	COMPOSITE	1/8	3.0 TPG (m)		U A
2853	COMPOSITE *		12.0 TTG (4)		U A	3830	COMPOSITE	3/16	5.0 TPG (m)		U A
2854	COMPOSITE *		15.0 TTG (4)		U A	3831	COMPOSITE	1/4	6.0 TPG (s)		U A
2855	COMPOSITE	3/4	19.0 TTG		U A	4638	COMPOSITE	3/8	10.0 TPG (s)		U A
6825	COMPOSITE (H)		8,12,16+ LTG (b)(A)	(.030)	U A	Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang, China					
6901	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.060)	U A	5521	COMP+CAN	3/16	5.0 TTG		U A
ECO Glass Production ; Medley, FL						5522	COMP+CAN	1/4	6.0 TTG		U A
8276	COMP+CAN (H)		12 LTG (b)(A)	(.090)	U A	5523	COMP+CAN	5/16	8.0 TTG		U A
Edge Tempering ; Hialeah, FL						5524	COMP+CAN	3/8	10.0 TTG		U A
7280	COMPOSITE	3/16	5.0 TTG		U A	6898	COMP+CAN	5/32	4.0 TPG (m)		U A
6297	COMPOSITE	1/4	6.0 TTG		U A	5526	COMP+CAN (H)		10-16+ LTG (b)(HS)	(.030)	U A
6298	COMPOSITE	3/8	10.0 TTG		U A	Foshan Ganghuasheng Tempered Glass Co; Ltd ; Foshan, Guangdong					
6299	COMPOSITE	1/2	12.0 TTG		U A	7713	COMP+CAN	5/32	4.0 TTG		U A
EFCO Corporation ; Monett, MO						7714	COMP+CAN	3/16	5.0 TTG		U A
4121	COMPOSITE	1/8	3.0 TTG		U A	8163	COMP+CAN	1/4	6.0 TTG		U A
1901	COMPOSITE	3/16	5.0 TTG		U A	7557	COMP+CAN	5/16	8.0 TTG		U A
1902	COMPOSITE	1/4	6.0 TTG		U A	7558	COMP+CAN	3/8	10.0 TTG		U A
4154	COMPOSITE	5/16	8.0 TTG		U A	7559	COMP+CAN	1/2	12.0 TTG		U A
2143	COMPOSITE	3/16	5.0 TPG (s)		U A	7715	COMP+CAN	3/16	5.0 TBG		U A
Engineered Glass Products, L.L.C. ; Chicago, IL						7716	COMP+CAN	1/4	6.0 TBG		U A
4388	COMPOSITE	1/8	3.0 TTG	26x7 A		7560	COMP+CAN	5/16	8.0 TBG		U A
2589	COMPOSITE	5/32	4.0 TTG	26x7 A		7561	COMP+CAN	3/8	10.0 TBG		U A
8185	COMPOSITE	3/16	5.0 TTG	26 x A							

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Foshan Gaoming Yaqi Toughened Glass ; Foshan City, Guangdong Province						G.E. Silliker & Sons Ltd. ; Borden-Carleton, PEI					
6119	COMP+CAN	1/4	6.0 TTG		U A	8224	COMP+CAN	1/8	3.0 TTG		U A
6120	COMP+CAN	5/16	8.0 TTG		U A	8225	COMP+CAN	5/32	4.0 TTG		U A
6121	COMP+CAN	3/8	10.0 TTG		U A	8226	COMP+CAN	3/16	5.0 TTG		U A
6122	COMP+CAN	1/2	12.0 TTG		U A	8227	COMP+CAN	1/4	6.0 TTG		U A
7717	COMP+CAN	5/16	8.0 TPG (s)		U A	8228	COMP+CAN	5/16	8.0 TTG		U A
6123	COMP+CAN	1/4	6.0 TBG		U A	8229	COMP+CAN	3/8	10.0 TTG		U A
6124	COMP+CAN	5/16	8.0 TBG		U A	8230	COMP+CAN	1/2	12.0 TTG		U A
Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong						Galaxy Glass & Stone ; Fairfield, NJ					
8260	COMPOSITE	3/16	5.0 TTG		U A	3661	COMP+CAN	(H)	8-16+ LTG (lu)(A)	(.060)	U A
8261	COMPOSITE	1/4	6.0 TTG		U A	5752	COMP+CAN	(H)	8-16+ LTG (ev)(A)	(.060)	U A
8262	COMPOSITE	5/16	8.0 TTG		U A	Gardner Glass Products Inc. ; North Wilkesboro, NC					
8263	COMPOSITE	3/8	10.0 TTG		U A	7436	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
Fountain Glass Inc. ; Lenexa, KS						Garibaldi Glass Ind. Inc. ; Burnaby, BC					
7105	COMPOSITE	3/16	5.0 TTG		U A	7437	COMP+CAN	(H)	12 LTG (ip)(A)	(.060)	U A
7101	COMPOSITE	1/4	6.0 TTG		U A	7438	COMP+CAN	(H)	16+ LTG (b)(A)	(.030)	U A
7106	COMPOSITE	3/8	10.0 TTG		U A	5124	COMP+CAN	3/16	5.0 TTG		U A
7104	COMPOSITE	1/2	12.0 TTG		U A	4419	COMP+CAN	1/4	6.0 TTG		U A
7102	COMPOSITE	3/16	5.0 TPG (m)		U A	5219	COMP+CAN	5/16	8.0 TTG		U A
7100	COMPOSITE	1/4	6.0 TPG (s)		U A	4420	COMP+CAN	3/8	10.0 TTG		U A
7103	COMPOSITE	3/8	10.0 TPG (s)		U A	4421	COMP+CAN	1/2	12.0 TTG		U A
Fujian Chengda Glass Co., Ltd ; Longhai, Zhangzhou						General Glass ; Vancouver, WA					
7182	COMPOSITE	1/8	3.0 TTG		U A	4031	COMPOSITE	1/8	3.0 TTG		U A
7183	COMPOSITE	5/32	4.0 TTG		U A	4032	COMPOSITE	5/32	4.0 TTG		U A
7874	COMPOSITE	3/16	5.0 TTG		U A	4033	COMPOSITE	3/16	5.0 TTG		U A
7185	COMPOSITE	1/4	6.0 TTG		U A	4034	COMPOSITE	1/4	6.0 TTG		U A
7186	COMPOSITE	5/16	8.0 TTG		U A	7710	COMPOSITE	3/8	10.0 TTG		U A
7187	COMPOSITE	3/8	10.0 TTG		U A	5751	COMPOSITE	1/2	12.0 TTG		U A
7188	COMPOSITE	1/2	12.0 TTG		U A	5750	COMPOSITE	1/8	3.0 TPG (s)		U A
Fujian Tider Glass Co., Ltd. ; Xiamen, Fujian						GGI Glass Distributors Corp. ; Secaucus, NJ					
7784	COMPOSITE	5/32	4.0 TTG		U A	4778	COMPOSITE	3/16	5.0 TPG (m)		U A
7785	COMPOSITE	3/16	5.0 TTG		U A	Gin Jye Ming Glass Co., Ltd. ; Taiwan					
7786	COMPOSITE	1/4	6.0 TTG		U A	7868	COMP+CAN	3/16	5.0 TTG		U A
7787	COMPOSITE	5/16	8.0 TTG		U A	7869	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A
7788	COMPOSITE	3/8	10.0 TTG		U A						
7789	COMPOSITE	1/2	12.0 TTG		U A						
Fujian Xihe Sanitary Ware Technology Co., Ltd ; Nan an Fujian China											
8023	COMPOSITE	5/32	4.0 TTG		U A						
8024	COMPOSITE	3/16	5.0 TTG		U A						
8025	COMPOSITE	1/4	6.0 TTG		U A						
8026	COMPOSITE	5/16	8.0 TTG		U A						
8030	COMPOSITE	3/16	5.0 TBG		U A						
8031	COMPOSITE	1/4	6.0 TBG		U A						
8032	COMPOSITE	5/16	8.0 TBG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
GLAAM Co., Ltd. ; South Korea						GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA					
7928	COMP+CAN	(H)	10 LTG (lu)(A)	(.098)	U B	6118	COMPOSITE	1/8	3.0 TTG		U A
GLASPRO ; Santa Fe Springs, CA											
6047	COMP+CAN	1/4	6.0 TTG		U A	5986	COMPOSITE	3/16	5.0 TTG		U A
6048	COMP+CAN	1/2	12.0 TTG		U A	7024	COMPOSITE	1/4	6.0 TTG		U A
6050	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5988	COMPOSITE	3/8	10.0 TTG		U A
Glass and Mirror Craft ; Wixom, MI											
4198	COMP+CAN	1/8	3.0 TTG		U A	5989	COMPOSITE	1/2	12.0 TTG		U A
5116	COMP+CAN	5/32	4.0 TTG		U A	5990	COMPOSITE	3/4	19.0 TTG		U A
4199	COMP+CAN	3/16	5.0 TTG		U A	GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA					
4200	COMP+CAN	1/4	6.0 TTG		U A	7799	COMPOSITE	1/8	3.0 TTG		U A
5598	COMP+CAN	3/8	10.0 TTG		U A	4889	COMPOSITE	3/16	5.0 TTG		U A
4202	COMP+CAN	1/2	12.0 TTG		U A	4891	COMPOSITE	1/4	6.0 TTG		U A
4203	COMP+CAN	5/8	16.0 TTG		U A	7023	COMPOSITE	3/8	10.0 TTG		U A
4204	COMP+CAN	3/4	19.0 TTG		U A	4890	COMPOSITE	1/2	12.0 TTG		U A
4924	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.035)	U A	4893	COMPOSITE	3/4	19.0 TTG		U A
Glass Deluxe Inc. ; Hialeah, FL											
8285	COMPOSITE	(H)	12 LTG (ip)(A)	(.060)	U A	7796	COMPOSITE	1/8	3.0 TPG (s)		U A
Glass Depot Inc. ; Opa Locka, FL											
7180	COMPOSITE	3/16	5.0 TTG		U A	5128	COMPOSITE	5/32	4.0 TPG (d)		U A
7181	COMPOSITE	1/4	6.0 TTG		U A	7797	COMPOSITE	3/16	5.0 TPG (m)		U A
6633	COMPOSITE	3/8	10.0 TTG		U A	7798	COMPOSITE	1/4	6.0 TPG (s)		U A
6634	COMPOSITE	1/2	12.0 TTG		U A	4897	COMPOSITE	3/8	10.0 TPG (m)		U A
Glass Design of Miami, Inc. ; Medley, FL						Glasstech Industries B.S.C. ; Hidd, Manama, Bahrain					
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		U A
Glass Enterprises, Inc. ; Bensalem, PA											
4628	COMPOSITE	3/16	5.0 TTG		U A	7305	COMPOSITE	(H)	8,12-16+ LTG (ip)(A)	(.035)	U A
4629	COMPOSITE	1/4	6.0 TTG		U A	7306	COMPOSITE	(H)	8,12-16+ LTG (b)(A)	(.015)	U A
6597	COMPOSITE	3/8	10.0 TTG		U A	GlassTemp, Inc. ; Bellwood, IL					
6598	COMPOSITE	1/2	12.0 TTG		U A	8151	COMPOSITE	3/16	5.0 TTG		U A
Glassbel Baltic ; Klaipeda, Lithuania											
6706	COMPOSITE	1/4	6.0 TTG		U A	7695	COMPOSITE	1/4	6.0 TTG		U A
6707	COMPOSITE	5/16	8.0 TTG		U A	7696	COMPOSITE	3/8	10.0 TTG		U A
6708	COMPOSITE	3/8	10.0 TTG		U A	7697	COMPOSITE	1/2	12.0 TTG		U A
6709	COMPOSITE	1/2	12.0 TTG		U A	Glasswerks GWA- West ; South Gate CA					
7524	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	5480	COMPOSITE	5/32	4.0 TTG		U A
8049	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A	5481	COMPOSITE	3/16	5.0 TTG		U A
GlassecViracon ; Nazaré Paulista, São Paulo											
7927	COMP+CAN	5/32	4.0 TTG		U A	5482	COMPOSITE	1/4	6.0 TTG		U A
6992	COMP+CAN	3/16	5.0 TTG		U A	Glasswerks GWLA- East ; South Gate, CA					
6993	COMP+CAN	1/4	6.0 TTG		U A	4804	COMPOSITE	1/8	3.0 TTG		U A
6994	COMP+CAN	5/16	8.0 TTG		U A	5882	COMPOSITE	5/32	4.0 TTG		U A
6995	COMP+CAN	3/8	10.0 TTG		U A	4805	COMPOSITE	3/16	5.0 TTG		U A
6996	COMP+CAN	1/2	12.0 TTG		U A	4806	COMPOSITE	1/4	6.0 TTG		U A
6998	COMP+CAN	(H)	8,16+ LTG (ip)(HS)	(.035)	U A	5883	COMPOSITE	3/8	10.0 TTG		U A
6997	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5884	COMPOSITE	1/2	12.0 TTG		U A
7084	COMP+CAN	(H)	12 LTG (ip)(A)	(.060)	U A	6921	COMPOSITE	5/8	16.0 TTG		U A
						Glasswerks GWT ; Temecula, CA					
						5885	COMPOSITE	3/4	19.0 TTG		U A
						7074	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
						6057	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A
						5886	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A
						6095	COMP+CAN	3/16	5.0 TTG		U A
						6096	COMP+CAN	1/4	6.0 TTG		U A
						6097	COMP+CAN	3/8	10.0 TTG		U A
						6098	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Glaz-Tech Industries, Inc. ; Albuquerque, NM						Glenny Glass Co. ; Milford, OH					
6589	COMPOSITE	1/8	3.0 TTG	U A		3841	COMPOSITE	1/8	3.0 TTG		U A
6590	COMPOSITE	3/16	5.0 TTG	U A		3843	COMPOSITE	3/16	5.0 TTG		U A
6594	COMPOSITE	1/4	6.0 TTG	U A		3844	COMPOSITE	1/4	6.0 TTG		U A
6591	COMPOSITE	3/8	10.0 TTG	U A		3845	COMPOSITE	3/8	10.0 TTG		U A
6592	COMPOSITE	1/2	12.0 TTG	U A		3846	COMPOSITE	1/2	12.0 TTG		U A
6595	COMPOSITE	3/16	5.0 TPG (m)	U A		7937	COMPOSITE	(H)	8 LTG (ev)(HS)	(.060)	U A
6593	COMPOSITE	3/8	10.0 TPG (s)	U A		7938	COMPOSITE	(H)	10 LTG (ev)(A)	(.030)	U A
Glaz-Tech Industries, Inc. ; Boise, ID						Global Security Glazing ; Selma, AL					
6607	COMPOSITE	1/8	3.0 TTG	U A		4764	COMP+CAN	1/8	3.0 TTG		U A
6608	COMPOSITE	3/16	5.0 TTG	U A		4765	COMP+CAN	3/16	5.0 TTG		U A
6609	COMPOSITE	1/4	6.0 TTG	U A		4766	COMP+CAN	1/4	6.0 TTG		U A
6610	COMPOSITE	3/8	10.0 TTG	U A		4767	COMP+CAN	3/8	10.0 TTG		U A
6611	COMPOSITE	1/2	12.0 TTG	U A		4768	COMP+CAN	1/2	12.0 TTG		U A
6713	COMPOSITE	3/16	5.0 TPG (m)	U A		4769	COMP+CAN	(S)	6 LTG (b)(A)	(.035)	U A
6612	COMPOSITE	3/8	10.0 TPG (s)	U A		4770	COMP+CAN	(H)	12 LTG (b)(A)	(.060)	U A
Glaz-Tech Industries, Inc. ; Englewood, CO						GnT Glass Co., Ltd. ; Dongguan, Guangdong, China					
2185	COMPOSITE	1/8	3.0 TTG	U A		6540	COMP+CAN	1/4	6.0 TTG		U A
2186	COMPOSITE	3/16	5.0 TTG	U A		5788	COMP+CAN	5/16	8.0 TTG		U A
2187	COMPOSITE	1/4	6.0 TTG	U A		5789	COMP+CAN	3/8	10.0 TTG		U A
5143	COMPOSITE	3/8	10.0 TTG	U A		5790	COMP+CAN	*	12.0 TTG (4)		U A
2189	COMPOSITE	1/2	12.0 TTG	U A		5791	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.060)	U A
2193	COMPOSITE	3/16	5.0 TPG (m)	U A		7131	COMP+CAN	(H)	10 LTG (ip)(A)	(.060)	U A
Glaz-Tech Industries, Inc. ; Phoenix, AZ						Goldray Industries Ltd. ; Calgary, AB Canada					
6582	COMPOSITE	1/8	3.0 TTG	U A		2445	COMP+CAN	5/32	4.0 TTG		U A
6583	COMPOSITE	3/16	5.0 TTG	U A		2446	COMP+CAN	3/16	5.0 TTG		U A
6584	COMPOSITE	1/4	6.0 TTG	U A		2447	COMP+CAN	1/4	6.0 TTG		U A
6585	COMPOSITE	3/8	10.0 TTG	U A		2448	COMP+CAN	3/8	10.0 TTG		U A
6586	COMPOSITE	1/2	12.0 TTG	U A		2449	COMP+CAN	1/2	12.0 TTG		U A
6587	COMPOSITE	3/16	5.0 TPG (m)	U A		Griffin Glass & Metal Werks, Inc. ; Elmhurst, IL					
6588	COMPOSITE	3/8	10.0 TPG (s)	U A		7146	COMP+CAN	3/16	5.0 TTG		U A
Glaz-Tech Industries, Inc. ; Santa Teresa, NM						Grupo Vidrios el Castillo ; Escobedo, Nuevo Leon, Mexico					
6599	COMPOSITE	1/8	3.0 TTG	U A		7147	COMP+CAN	1/4	6.0 TTG		U A
6600	COMPOSITE	3/16	5.0 TTG	U A		7201	COMP+CAN	5/16	8.0 TTG		U A
6601	COMPOSITE	1/4	6.0 TTG	U A		7202	COMP+CAN	3/8	10.0 TTG		U A
6602	COMPOSITE	3/8	10.0 TTG	U A		7148	COMP+CAN	1/2	12.0 TTG		U A
6603	COMPOSITE	1/2	12.0 TTG	U A		7284	COMP+CAN	3/4	19.0 TTG		U A
6604	COMPOSITE	1/8	3.0 TPG (s)	U A		G-TECH Optoelectronics Corporation ; Taiwan, China					
6605	COMPOSITE	3/16	5.0 TPG (m)	U A		7583	COMP+CAN	1/8	3.0 TTG		U A
6606	COMPOSITE	3/8	10.0 TPG (s)	U A		5840	COMP+CAN	1/4	6.0 TTG		U A
Glaz-Tech Industries, Inc. ; Tucson, AZ						G-TECH Optoelectronics Corporation ; Taiwan, China					
6574	COMPOSITE	1/8	3.0 TTG	U A		5781	COMP+CAN	3/8	10.0 TTG		U A
6575	COMPOSITE	3/16	5.0 TTG	U A		6083	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
6576	COMPOSITE	1/4	6.0 TTG	U A		6058	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B
6577	COMPOSITE	3/8	10.0 TTG	U A		G-TECH Optoelectronics Corporation ; Taiwan, China					
6578	COMPOSITE	1/2	12.0 TTG	U A		7922	COMP+CAN	1/4	6.0 TTG		U A
6579	COMPOSITE	1/8	3.0 TPG (s)	U A		8052	COMP+CAN	5/16	8.0 TTG		U A
6580	COMPOSITE	3/16	5.0 TPG (m)	U A		7489	COMP+CAN	(H)	10-16+ LSP (b)(A)	.030x2 ECx1	U A
6581	COMPOSITE	3/8	10.0 TPG (s)	U A		7832	COMP+CAN	(H)	12-16+ LSP (b)(A)	.030x3 ECx2	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Guangdong Haikong Special Glass Technology Co., Ltd. ; Guangdong, China						Guardian Fabrication, LLC ; Sun Prairie, WI					
7363	COMPOSITE	1/4	6.0 TTG		U A	5640	COMP+CAN	1/8	3.0 TTG		U A
7364	COMPOSITE	5/16	8.0 TTG		U A	5641	COMP+CAN	5/32	4.0 TTG		U A
7365	COMPOSITE	3/8	10.0 TTG		U A	5642	COMP+CAN	3/16	5.0 TTG		U A
7366	COMPOSITE	1/2	12.0 TTG		U A	5643	COMP+CAN	1/4	6.0 TTG		U A
7367	COMPOSITE	*	15.0 TTG (4)		U A	6570	COMP+CAN	5/16	8.0 TTG		U A
7368	COMPOSITE	3/4	19.0 TTG		U A	5644	COMP+CAN	1/8	3.0 TPG (d)		U A
7404	COMP+CAN	(H)	12,16+ LTG (ip)(A)	(.035)	U A	5645	COMP+CAN	5/32	4.0 TPG (d)		U A
7369	COMP+CAN	(H)	12,16+ LTG (b)(A)	(.060)	U A	5646	COMP+CAN	3/16	5.0 TPG (d)		U A
5647	COMP+CAN	1/4				5647	COMP+CAN	1/4	6.0 TPG (d)		U A
Guangdong Rosery Bath Science and Technology Co.,Ltd. ; Taishan City, Guangdong Province						Guardian Glass, LLC ; Corsicana, TX					
8241	COMP+CAN	3/16	5.0 TTG		U A	1248	COMP+CAN	1/8	3.0 TTG		U A
8242	COMP+CAN	1/4	6.0 TTG		U A	1249	COMP+CAN	5/32	4.0 TTG		U A
8243	COMP+CAN	5/16	8.0 TTG		U A	1250	COMP+CAN	3/16	5.0 TTG		U A
8244	COMP+CAN	3/8	10.0 TTG		U A	1251	COMP+CAN	1/4	6.0 TTG		U A
Guangdong South Star Glass Limited ; Foshan, Guangdong						Guardian Glass, LLC ; DeWitt, IA					
7974	COMPOSITE	5/16	8.0 TTG		U A	2020	COMP+CAN	1/8	3.0 TTG		U A
7975	COMPOSITE	3/8	10.0 TTG		U A	2021	COMP+CAN	5/32	4.0 TTG		U A
7976	COMPOSITE	1/2	12.0 TTG		U A	2022	COMP+CAN	3/16	5.0 TTG		U A
7977	COMPOSITE	*	15.0 TTG (4)		U A	2023	COMP+CAN	1/4	6.0 TTG		U A
7978	COMPOSITE	3/4	19.0 TTG		U A	2024	COMP+CAN	5/16	8.0 TTG		U A
7979	COMPOSITE	(H)	12, 16+ LTG (b)(T)	(.030)	U A	2545	COMP+CAN	3/8	10.0 TTG		U A
Guardian Fabrication, LLC ; Galax, VA						Guardian Glass, LLC ; Geneva, NY					
4604	COMP+CAN	1/8	3.0 TTG		U A	2259	COMP+CAN	1/8	3.0 TTG		U A
4605	COMP+CAN	5/32	4.0 TTG		U A	2260	COMP+CAN	5/32	4.0 TTG		U A
4606	COMP+CAN	3/16	5.0 TTG		U A	2261	COMP+CAN	3/16	5.0 TTG		U A
4607	COMP+CAN	1/4	6.0 TTG		U A	2262	COMP+CAN	1/4	6.0 TTG		U A
4609	COMP+CAN	3/8	10.0 TTG		U A	3672	COMP+CAN	5/16	8.0 TTG		U A
4610	COMP+CAN	1/2	12.0 TTG		U A	2519	COMP+CAN	3/8	10.0 TTG		U A
4612	COMP+CAN	1/8	3.0 TPG (s)		U A	3673	COMP+CAN	1/2	12.0 TTG		U A
4613	COMP+CAN	3/16	5.0 TPG (m)		U A	Guardian Glass, LLC ; Kingsburg, CA					
4627	COMP+CAN	3/8	10.0 TPG (s)		U A	968	COMP+CAN	1/8	3.0 TTG		U A
4633	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	969	COMP+CAN	5/32	4.0 TTG		U A
4829	COMP+CAN	(H)	8-10 LTG (b)(p)(el)(6)(A)	(.075)	U A	970	COMP+CAN	3/16	5.0 TTG		U A
4658	COMP+CAN	(H)	8 LTG (b)(A)	(.030)	U A	971	COMP+CAN	1/4	6.0 TTG		U A
Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street)						Guardian Glass, LLC ; Geneva, NY					
8001	COMP+CAN	1/8	3.0 TTG		U A	1303	COMP+CAN	1/8	3.0 TPG (d)		U A
8002	COMP+CAN	5/32	4.0 TTG		U A	1301	COMP+CAN	5/32	4.0 TPG (m)		U A
8003	COMP+CAN	3/16	5.0 TTG		U A	1304	COMP+CAN	3/16	5.0 TPG (m)		U A
8004	COMP+CAN	1/4	6.0 TTG		U A	1882	COMP+CAN	1/4	6.0 TPG (m)		U A
8091	COMP+CAN	5/16	8.0 TTG		U A	Guardian Glass, LLC ; Kingsburg, CA					
8005	COMP+CAN	3/8	10.0 TTG		U A	968	COMP+CAN	1/8	3.0 TTG		U A
8006	COMP+CAN	1/2	12.0 TTG		U A	969	COMP+CAN	5/32	4.0 TTG		U A
8007	COMP+CAN	1/8	3.0 TPG (m)		U A	970	COMP+CAN	3/16	5.0 TTG		U A
8008	COMP+CAN	5/32	4.0 TPG (m)		U A	971	COMP+CAN	1/4	6.0 TTG		U A
8009	COMP+CAN	3/16	5.0 TPG (m)		U A	1303	COMP+CAN	1/8	3.0 TPG (d)		U A
8010	COMP+CAN	1/4	6.0 TPG (m)		U A	1301	COMP+CAN	5/32	4.0 TPG (m)		U A
8011	COMP+CAN	3/8	10.0 TPG (m)		U A	1304	COMP+CAN	3/16	5.0 TPG (m)		U A
						1882	COMP+CAN	1/4	6.0 TPG (m)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Guardian Glass, LLC ; Richburg, SC						Insulite Glass Co., Inc. ; Olathe, KS					
1630	COMP+CAN	1/8	3.0 TTG		U A	4473	COMPOSITE	1/8	3.0 TTG		U A
1631	COMP+CAN	5/32	4.0 TTG		U A	4474	COMPOSITE	5/32	4.0 TTG		U A
1632	COMP+CAN	3/16	5.0 TTG		U A	3714	COMPOSITE	3/16	5.0 TTG		U A
1633	COMP+CAN	1/4	6.0 TTG		U A	3715	COMPOSITE	1/4	6.0 TTG		U A
2382	COMP+CAN	5/16	8.0 TTG		U A	3716	COMPOSITE	3/8	10.0 TTG		U A
1634	COMP+CAN	3/8	10.0 TTG		U A	3717	COMPOSITE	1/2	12.0 TTG		U A
1683	COMP+CAN	1/8	3.0 TPG (m)		U A	3718	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
1635	COMP+CAN	5/32	4.0 TPG (m)		U A	3720	COMPOSITE	(H)	8 LTG (b)(A)	(.060)	U A
1865	COMP+CAN	3/16	5.0 TPG (m)		U A	5513	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A
3002	COMP+CAN	1/4	6.0 TPG (m)		U A	Integral Seal Mfg. Inc. ; Concord, ON Canada					
3003	COMP+CAN	3/8	10.0 TPG (m)		U A	4682	COMP+CAN	5/32	4.0 TTG		U A
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates						4683	COMP+CAN	3/16	5.0 TTG		U A
4796	COMPOSITE	1/4	6.0 TTG		U A	4684	COMP+CAN	1/4	6.0 TTG		U A
6326	COMPOSITE	5/16	8.0 TTG		U A	7245	COMP+CAN	(H)	10-12 LTG (ev)(A)	(.060)	U A
4797	COMPOSITE	3/8	10.0 TTG		U A	Integrity Glass Tempering, LLC. ; Venice , FL					
4798	COMPOSITE	*	12.0 TTG (7)		U A	6666	COMPOSITE	3/16	5.0 TTG		U A
4799	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A	6635	COMPOSITE	1/4	6.0 TTG		U A
Huahui Glass (China) Co., LD ; Quanzhou City, China						6636	COMPOSITE	3/8	10.0 TTG		U A
5843	COMPOSITE	5/32	4.0 TTG		U A	6637	COMPOSITE	1/2	12.0 TTG		U A
Imagic Glass Inc. ; Concord, Ontario						7097	COMPOSITE	3/16	5.0 TPG (m)		U A
7355	COMP+CAN	(H)	12 LTG (b)(A)	(.060)	U A	Inter Fonction Ltee ; Sherbrooke, Quebec					
7356	COMP+CAN	(H)	12 LTG (ev)(A)	(.015)	U A	7235	COMP+CAN	3/8	10.0 TTG		U A
Industrial Tempering Glass ; Brooklyn, NY						8089	COMP+CAN	1/2	12.0 TTG		U A
6985	COMPOSITE	1/4	6.0 TTG		U A	Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China					
3418	COMPOSITE	3/8	10.0 TTG		U A	2572	COMP+CAN	1/8	3.0 TTG		U A
3419	COMPOSITE	1/2	12.0 TTG		U A	2573	COMP+CAN	5/32	4.0 TTG		U A
8294	COMPOSITE	5/8	16.0 TTG		U A	2574	COMP+CAN	3/16	5.0 TTG		U A
4240	COMPOSITE	3/4	19.0 TTG		U A	2575	COMP+CAN	1/4	6.0 TTG		U A
Industries Vanier Inc. ; Anjou, QC						3025	COMP+CAN	5/16	8.0 TTG		U A
6952	COMP+CAN	1/8	3.0 TTG		U A	2576	COMP+CAN	3/8	10.0 TTG		U A
6953	COMP+CAN	5/32	4.0 TTG		U A	2577	COMP+CAN	1/2	12.0 TTG		U A
6954	COMP+CAN	3/16	5.0 TTG		U A	6131	COMP+CAN	1/8	3.0 TPG (m)		U A
6955	COMP+CAN	1/4	6.0 TTG		U A	6132	COMP+CAN	5/32	4.0 TPG (s)		U A
6956	COMP+CAN	5/16	8.0 TTG		U A	6133	COMP+CAN	1/4	6.0 TPG (s)		U A
6957	COMP+CAN	3/8	10.0 TTG		U A	Intigral ; Quakertown, PA					
6958	COMP+CAN	1/2	12.0 TTG		U A	8200	COMP+CAN	1/8	3.0 TTG		U A
6959	COMP+CAN	5/8	16.0 TTG		U A	8201	COMP+CAN	5/32	4.0 TTG		U A
6960	COMP+CAN	3/4	19.0 TTG		U A	8202	COMP+CAN	3/16	5.0 TTG		U A
Inkan Ltd ; Brampton, ON						8199	COMP+CAN	1/8	3.0 TPG (s)		U A
5135	COMP+CAN	1/4	6.0 TTG		U A	Intigral ; Walton Hills, OH					
5136	COMP+CAN	5/16	8.0 TTG		U A	2050	COMP+CAN	1/8	3.0 TTG		U A
5137	COMP+CAN	3/8	10.0 TTG		U A	2051	COMP+CAN	5/32	4.0 TTG		U A
5138	COMP+CAN	1/2	12.0 TTG		U A	2052	COMP+CAN	3/16	5.0 TTG		U A
5139	COMP+CAN	5/8	16.0 TTG		U A	2055	COMP+CAN	1/4	6.0 TTG		U A
5140	COMP+CAN	3/4	19.0 TTG		U A	3631	COMP+CAN	1/8	3.0 TPG (m)		U A
Innovative Glass Products LLC ; Carrollton, TX						4588	COMP+CAN	5/32	4.0 TPG (m)		U A
7062	COMPOSITE	1/8	3.0 TTG		U A	8048	COMP+CAN	3/16	5.0 TPG (m)		U A
7063	COMPOSITE	5/32	4.0 TTG		U A	Isoterglass SRL ; Galliera Veneta, Padova					
7064	COMPOSITE	3/16	5.0 TTG		U A	8169	COMP+CAN	3/16	5.0 TTG		U A
7065	COMPOSITE	1/4	6.0 TTG		U A	8170	COMP+CAN	1/4	6.0 TTG		U A
						8171	COMP+CAN	5/16	8.0 TTG		U A
						8172	COMP+CAN	3/8	10.0 TTG		U A
						8173	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
J&C International Ltd. ; Zhejiang, China						JM Glass ; Hayward, CA					
6676	COMP+CAN	1/8	3.0 TTG		U A	4928	COMPOSITE	3/16	5.0 TTG		U A
8209	COMP+CAN	5/32	4.0 TTG		U A	4929	COMPOSITE	1/4	6.0 TTG		U A
8205	COMP+CAN	5/32	4.0 TBG		U A	4930	COMPOSITE	3/8	10.0 TTG		U A
8206	COMP+CAN	3/16	5.0 TBG		U A	4931	COMPOSITE	1/2	12.0 TTG		U A
J&Y Glass Services ; Naples, FL						JYC Glass Co. Ltd. ; Foshan, Guangdong, China					
8077	COMPOSITE	1/4	6.0 TTG		U A	3957	COMP+CAN	1/8	3.0 TTG		U A
8078	COMPOSITE	3/8	10.0 TTG		U A	3958	COMP+CAN	5/32	4.0 TTG		U A
8079	COMPOSITE	1/2	12.0 TTG		U A	3959	COMP+CAN	3/16	5.0 TTG		U A
J.C. Moag Corporation ; Georgetown, IN											
8238	COMPOSITE (H)		10-16+ LTG (ev)(A)	(.060)	U A	3960	COMP+CAN	1/4	6.0 TTG		U A
Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen City, Guangdong											
7574	COMP+CAN	3/16	5.0 TTG		U A	3961	COMP+CAN	5/16	8.0 TTG		U A
7575	COMP+CAN	1/4	6.0 TTG		U A	3962	COMP+CAN	3/8	10.0 TTG		U A
7576	COMP+CAN	5/16	8.0 TTG		U A	3963	COMP+CAN	1/2	12.0 TTG		U A
7577	COMP+CAN	3/8	10.0 TTG		U A	4161	COMP+CAN	5/32	4.0 TPG (s)		U A
7578	COMP+CAN	*	12.0 TTG (4)		U A	6621	COMP+CAN	3/16	5.0 TPG (s)		U A
Jiangmen SYP Engineering Glass Co, Ltd. ; Guangdong, China											
4303	COMP+CAN	5/32	4.0 TTG		U A	6622	COMP+CAN	1/4	6.0 TPG (s)		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	6619	COMP+CAN	3/16	5.0 TBP (s)		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	6620	COMP+CAN	1/4	6.0 TBP (s)		U A
4306	COMP+CAN	5/16	8.0 TTG		U A	3991	COMP+CAN	5/32	4.0 TBG		U A
4307	COMP+CAN	3/8	10.0 TTG		U A	3992	COMP+CAN	3/16	5.0 TBG		U A
4308	COMP+CAN	1/2	12.0 TTG		U A	3993	COMP+CAN	1/4	6.0 TBG		U A
4309	COMP+CAN	*	15.0 TTG (4)		U A	3994	COMP+CAN	5/16	8.0 TBG		U A
4310	COMP+CAN	3/4	19.0 TTG		U A	Kensington Glass Arts ; Ijamsville, MD					
5052	COMP+CAN	1/4	6.0 TBG		U A	5973	COMPOSITE	1/4	6.0 TTG		U A
5053	COMP+CAN	5/16	8.0 TBG		U A	5974	COMPOSITE	3/8	10.0 TTG		U A
5054	COMP+CAN	3/8	10.0 TBG		U A	5975	COMPOSITE	1/2	12.0 TTG		U A
5055	COMP+CAN	1/2	12.0 TBG		U A	5976	COMPOSITE	5/8	16.0 TTG		U A
4312	COMP+CAN (H)		8-16+ LTG (b)(A)	(.030)	U A	5977	COMPOSITE	3/4	19.0 TTG		U A
4575	COMP+CAN (H)		10-16+ LTG (ip)(A)	(.060)	U A	KFK d.o.o. ; Dugo Selo, Croatia					
Jiangsu Chung Glass Co., Ltd. ; Nantong City, Jiangsu Province											
7527	COMPOSITE	1/8	3.0 TTG		U A	8108	COMPOSITE	5/16	8.0 TTG		U A
Jiangyin Mingyang Glass Production ; Jiangyin City, Jiangsu											
5777	COMPOSITE	*	3.0 TTG (3)		U A	8109	COMPOSITE (H)		10 LTG (b)(A)	(.030)	U A
5778	COMP+CAN	5/32	4.0 TTG		U A	Kinestral Technologies ; Miaoli County,Taiwan					
7598	COMPOSITE	3/16	5.0 TTG		U A	8207	COMP+CAN (H)		10-16+ LSP (b)(HS)	(.030)x2	U A
5779	COMP+CAN	1/4	6.0 TTG		U A	8208	COMP+CAN (H)		12-16+ LSP (b)(HS)	(.030)x3	U A
5780	COMP+CAN	5/16	8.0 TTG		U A	Kohler Company ; Union City, TN					
6203	COMPOSITE	3/8	10.0 TTG		U A	1979	COMP+CAN	1/8	3.0 TTG		U A
6478	COMPOSITE	5/32	4.0 TPG (m)		U A	1980	COMP+CAN	5/32	4.0 TTG		U A
6479	COMPOSITE	3/16	5.0 TPG (m)		U A	1981	COMP+CAN	3/16	5.0 TTG		U A
7870	COMP+CAN	1/4	6.0 TPG (s)		U A	1982	COMP+CAN	1/4	6.0 TTG		U A
7258	COMPOSITE	1/4	6.0 TBG		U A	4668	COMP+CAN	5/16	8.0 TTG		U A
Jinzhou Fortune Spring Glass Co., Ltd. ; Jinzhou, Liaoning, China											
7268	COMP+CAN	1/8	3.0 TTG		U A	2434	COMP+CAN	3/8	10.0 TTG		U A
						La Tecnica Nel Vetro SpA ; Scafati, Salerno, Italy					
						7174	COMP+CAN	3/16	5.0 TTG		U A
						7168	COMP+CAN	1/4	6.0 TTG		U A
						7167	COMP+CAN	5/16	8.0 TTG		U A
						7166	COMP+CAN	3/8	10.0 TTG		U A
						7165	COMP+CAN	1/2	12.0 TTG		U A
						7169	COMP+CAN (H)		8-12 LTG (b)(A)	(.015)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Laurier Architectural inc. ; Montreal, QC						LTI Smart Glass, Inc. ; Pittsfield, MA					
6217	COMP+CAN	1/8	3.0 TTG		U A	7079	COMP+CAN	1/8	3.0 TTG		U A
6218	COMP+CAN	5/32	4.0 TTG		U A	6922	COMP+CAN	3/16	5.0 TTG		U A
6219	COMP+CAN	3/16	5.0 TTG		U A	6923	COMP+CAN	1/4	6.0 TTG		U A
6220	COMP+CAN	1/4	6.0 TTG		U A	6924	COMP+CAN	5/16	8.0 TTG		U A
6221	COMP+CAN	3/8	10.0 TTG		U A	6925	COMP+CAN	3/8	10.0 TTG		U A
6222	COMP+CAN	1/2	12.0 TTG		U A	6926	COMP+CAN	1/2	12.0 TTG		U A
Laurier Architectural, Inc. ; Laurier-Station, QC						Luoyang LandGlass Technology Co., LTD ; Luoyang, China					
8121	COMP+CAN	5/32	4.0 TTG		U A	7622	COMPOSITE	5/16	8.0 VIGT		U A
8122	COMP+CAN	3/16	5.0 TTG		U A	6476	COMPOSITE	3/8	10.0 VIGT		U A
8123	COMP+CAN	1/4	6.0 TTG		U A	M Industria S.A. DE C.V. ; Conkal					
8124	COMP+CAN	3/8	10.0 TTG		U A	7708	COMP+CAN	1/8	3.0 TTG		U A
8125	COMP+CAN	1/2	12.0 TTG		U A	7709	COMP+CAN	5/32	4.0 TTG		U A
8126	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A	7682	COMP+CAN	3/16	5.0 TTG		U A
Legacy Glass and Mirror, LLC. ; Irving, TX						M&M Tempering Inc. ; Loganville, GA					
8053	COMPOSITE	3/16	5.0 TTG		U A	4280	COMPOSITE	1/4	6.0 TTG		U A
7600	COMPOSITE	1/4	6.0 TTG		U A	4281	COMPOSITE	3/8	10.0 TTG		U A
7601	COMPOSITE	3/8	10.0 TTG		U A	4282	COMPOSITE	1/2	12.0 TTG		U A
7602	COMPOSITE	1/2	12.0 TTG		U A	M3 Glass Technologies ; Irving, TX					
Les Verres VMIK Inc. ; Gatineau, QC						Manko Window Systems ; Aurora, CO					
6893	COMP+CAN	5/32	4.0 TTG		U A	6275	COMPOSITE	1/8	3.0 TTG		U A
6894	COMP+CAN	3/16	5.0 TTG		U A	6276	COMPOSITE	5/32	4.0 TTG		U A
6895	COMP+CAN	1/4	6.0 TTG		U A	6277	COMPOSITE	3/16	5.0 TTG		U A
6896	COMP+CAN	3/8	10.0 TTG		U A	6278	COMPOSITE	1/4	6.0 TTG		U A
6897	COMP+CAN	1/2	12.0 TTG		U A	6279	COMPOSITE	3/8	10.0 TTG		U A
Liaocheng Chicheng Glass Material Co., Ltd. ; Shandong, China						Manko Window Systems- KS ; Manhattan, KS					
7490	COMP+CAN	*	7.0 TBP (s)(2)(IN)		10- A 3/16" X76"	6826	COMPOSITE	5/32	4.0 TTG		U A
Lien Yeu Cermin (Muar) SDN BHD ; Malaysia						Manko Window Systems ; Aurora, CO					
7358	COMPOSITE	5/32	4.0 TTG		U A	6275	COMPOSITE	1/8	3.0 TTG		U A
7359	COMPOSITE	3/16	5.0 TTG		U A	6276	COMPOSITE	5/32	4.0 TTG		U A
7360	COMPOSITE	1/4	6.0 TTG		U A	6277	COMPOSITE	3/16	5.0 TTG		U A
7361	COMPOSITE	5/16	8.0 TTG		U A	6278	COMPOSITE	1/4	6.0 TTG		U A
7362	COMPOSITE	3/8	10.0 TTG		U A	6279	COMPOSITE	3/8	10.0 TTG		U A
8038	COMPOSITE	1/2	12.0 TTG		U A	6280	COMPOSITE	1/2	12.0 TTG		U A
Lippert Components ; Bristol, IN						Manko Window Systems ; Aurora, CO					
8061	COMPOSITE	1/8	3.0 TTG		U A	6275	COMPOSITE	1/8	3.0 TTG		U A
8062	COMPOSITE	1/4	6.0 TTG		U A	6276	COMPOSITE	5/32	4.0 TTG		U A
LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong						Manko Window Systems- KS ; Manhattan, KS					
8175	COMPOSITE	3/16	5.0 TTG		U A	6826	COMPOSITE	5/32	4.0 TTG		U A
8176	COMPOSITE	1/4	6.0 TTG		U A	6827	COMPOSITE	3/16	5.0 TTG		U A
8177	COMPOSITE	5/16	8.0 TTG		U A	6828	COMPOSITE	1/4	6.0 TTG		U A
8178	COMPOSITE	3/8	10.0 TTG		U A	6829	COMPOSITE	3/8	10.0 TTG		U A
Louisville Plate Glass ; Louisville, KY						Manko Window Systems ; Aurora, CO					
6070	COMPOSITE	1/8	3.0 TTG		U A	6830	COMPOSITE	1/2	12.0 TTG		U A
6072	COMPOSITE	3/16	5.0 TTG		U A	6833	COMPOSITE	1/8	3.0 TPG (s)		U A
6073	COMPOSITE	1/4	6.0 TTG		U A	6834	COMPOSITE	3/16	5.0 TPG (m)		U A
6074	COMPOSITE	3/8	10.0 TTG		U A	6835	COMPOSITE	1/4	6.0 TPG (m)		U A
6075	COMPOSITE	1/2	12.0 TTG		U A	6836	COMPOSITE	3/8	10.0 TPG (m)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Manko Windows ; Des Moines, IA						Midwest Glass Fabricators Inc. ; Highland, MI					
6286	COMPOSITE	1/8	3.0 TTG		U A	6027	COMP+CAN	1/8	3.0 TTG		U A
6287	COMPOSITE	5/32	4.0 TTG		U A	6028	COMP+CAN	5/32	4.0 TTG		U A
6288	COMPOSITE	3/16	5.0 TTG		U A	6029	COMP+CAN	3/16	5.0 TTG		U A
6289	COMPOSITE	1/4	6.0 TTG		U A	6030	COMP+CAN	1/4	6.0 TTG		U A
6290	COMPOSITE	3/8	10.0 TTG		U A	6031	COMP+CAN	3/8	10.0 TTG		U A
6291	COMPOSITE	1/2	12.0 TTG		U A	6032	COMP+CAN	1/2	12.0 TTG		U A
6432	COMPOSITE	5/8	16.0 TTG		U A	6033	COMP+CAN	5/8	16.0 TTG		U A
7004	COMPOSITE	3/4	19.0 TTG		U A	6034	COMP+CAN	3/4	19.0 TTG		U A
6292	COMPOSITE	1/8	3.0 TPG (m)		U A	7920	COMP+CAN	3/16	5.0 TPG (m)		U A
6293	COMPOSITE	5/32	4.0 TPG (m)		U A	7921	COMP+CAN	1/4	6.0 TPG (s)		U A
6294	COMPOSITE	3/16	5.0 TPG (m)		U A	6037	COMP+CAN	3/8	10.0 TPG (m)		U A
6295	COMPOSITE	1/4	6.0 TPG (m)		U A	Milgard Tempering ; Dixon, CA					
6296	COMPOSITE	3/8	10.0 TPG (m)		U A	2842	COMPOSITE	1/4	6.0 TTG		U A
Maryland Glass & Mirror ; Baltimore, MD						Mirror Works Inc. ; Ottawa, Ontario					
4318	COMPOSITE	1/8	3.0 TTG		U A	8164	COMP+CAN	5/32	4.0 TTG		U A
4319	COMPOSITE	3/16	5.0 TTG		U A	8165	COMP+CAN	3/16	5.0 TTG		U A
4320	COMPOSITE	1/4	6.0 TTG		U A	8166	COMP+CAN	1/4	6.0 TTG		U A
8066	COMPOSITE	5/16	8.0 TTG		U A	8167	COMP+CAN	3/8	10.0 TTG		U A
4321	COMPOSITE	3/8	10.0 TTG		U A	8168	COMP+CAN	1/2	12.0 TTG		U A
4322	COMPOSITE	1/2	12.0 TTG		U A	Mr. Glass Tempering, LLC ; Brooklyn, NY					
7022	COMPOSITE	3/4	19.0 TTG		U A	7170	COMP+CAN	3/16	5.0 TTG		U A
Maxividrio S.De R. L. de C.V. ; Cancun						7171	COMP+CAN	1/4	6.0 TTG		U A
8293	COMP+CAN	(H)	12 LTG (b)(HS)	(.090)	U A	7172	COMP+CAN	3/8	10.0 TTG		U A
McGrory Glass ; Paulsboro, NJ						7173	COMP+CAN	1/2	12.0 TTG		U A
4925	COMPOSITE	3/16	5.0 TTG		U A	Multiver ; Vanier, QC					
4813	COMPOSITE	1/4	6.0 TTG		U A	2498	COMP+CAN	1/8	3.0 TTG		U A
4814	COMPOSITE	3/8	10.0 TTG		U A	2629	COMP+CAN	5/32	4.0 TTG		U A
4815	COMPOSITE	1/2	12.0 TTG		U A	6890	COMP+CAN	3/16	5.0 TTG		U A
4816	COMPOSITE	5/8	16.0 TTG		U A	2499	COMP+CAN	1/4	6.0 TTG		U A
4817	COMPOSITE	3/4	19.0 TTG		U A	5226	COMP+CAN	5/16	8.0 TTG		U A
4818	COMPOSITE	1/4	6.0 TPG (m)		U A	5227	COMP+CAN	3/8	10.0 TTG		U A
4819	COMPOSITE	3/8	10.0 TPG (s)		U A	5228	COMP+CAN	1/2	12.0 TTG		U A
4820	COMPOSITE	1/2	12.0 TPG (s)(IN)		U A	Multiver Ltee ; Saint-Leonard (Quebec), Canada					
7287	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	6977	COMP+CAN	5/32	4.0 TTG		U A
5263	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	6978	COMP+CAN	3/16	5.0 TTG		U A
Mercer Glass Fab LLC ; Trenton, NJ						6979	COMP+CAN	1/4	6.0 TTG		U A
7671	COMPOSITE	1/4	6.0 TTG		U A	6980	COMP+CAN	3/8	10.0 TTG		U A
4530	COMPOSITE	5/16	8.0 TTG		U A	7546	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A
4255	COMPOSITE	3/8	10.0 TTG		U A	7548	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
4256	COMPOSITE	1/2	12.0 TTG		U A	7547	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.015)	U A
4257	COMPOSITE	1/4	6.0 TPG (m)		U A	Nashville Tempered Glass Corp. ; Nashville, TN					
4258	COMPOSITE	3/8	10.0 TPG (m)		U A	1416	COMP+CAN	1/8	3.0 TTG		U A
Merck Window Technologies B.V. ; Veldhoven, N.B.						2497	COMP+CAN	5/32	4.0 TTG		U A
7829	COMP+CAN	(H)	25 LSP (b)(HS)	(.030)x6	U A	1467	COMP+CAN	3/16	5.0 TTG		U A
7830	COMP+CAN	(H)	32 LSP (b)(HS)	(.030)x4	U A	1417	COMP+CAN	1/4	6.0 TTG		U A
Mid-American Glass ; Davenport, IA						5729	COMP+CAN	5/16	8.0 TTG		U A
7227	COMPOSITE	1/8	3.0 TTG		U A	2494	COMP+CAN	3/8	10.0 TTG		U A
7228	COMPOSITE	5/32	4.0 TTG		U A						
7229	COMPOSITE	3/16	5.0 TTG		U A						
7230	COMPOSITE	1/4	6.0 TTG		U A						
7231	COMPOSITE	3/8	10.0 TTG		U A						
7232	COMPOSITE	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Nashville Tempered Glass LLC ; Hendersonville, TN						Northwestern Industries - Arizona, Inc. ; Yuma, AZ					
2691	COMP+CAN	5/32	4.0 TTG		U A	6566	COMPOSITE	3/16	5.0 TTG		U A
2692	COMP+CAN	3/16	5.0 TTG		U A	6567	COMPOSITE	1/4	6.0 TTG		U A
2693	COMP+CAN	1/4	6.0 TTG		U A	6568	COMPOSITE	5/16	8.0 TTG		U A
7980	COMP+CAN	5/16	8.0 TTG		U A	6569	COMPOSITE	3/8	10.0 TTG		U A
2694	COMP+CAN	3/8	10.0 TTG		U A	Novatech Canada Inc. ; St-Agapit, Quebec, Canada					
4148	COMP+CAN	1/2	12.0 TTG		U A	7006	COMP+CAN	1/8	3.0 TTG		U A
5454	COMP+CAN	3/4	19.0 TTG		U A	7007	COMP+CAN	5/32	4.0 TTG		U A
5229	COMP+CAN	(S)	5-6 LTG (b)(A)	(.015)	U B	7008	COMP+CAN	3/16	5.0 TTG		U A
5231	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	7009	COMP+CAN	1/4	6.0 TTG		U A
5230	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.015)	U A	Novavetro S.r.l. ; San Severino Marche, Italy					
New Angle Beveling ; Clearfield, PA						7768	COMP+CAN	3/16	5.0 TTG		U A
5772	COMPOSITE	1/8	3.0 TTG		U A	7769	COMP+CAN	1/4	6.0 TTG		U A
5774	COMPOSITE	3/16	5.0 TTG		U A	7770	COMP+CAN	5/16	8.0 TTG		U A
5773	COMPOSITE	1/4	6.0 TTG		U A	7771	COMP+CAN	3/8	10.0 TTG		U A
5775	COMPOSITE	3/8	10.0 TTG		U A	7772	COMP+CAN	1/2	12.0 TTG		U A
5776	COMPOSITE	1/2	12.0 TTG		U A	7773	COMP+CAN	*	15.0 TTG (4)		U A
New Angle Beveling ; Hyde, PA						7774	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A
4593	COMPOSITE	1/8	3.0 TTG		U A	7775	COMP+CAN	(H)	8-12 LTG (b)(A)	(.015)	U A
4594	COMPOSITE	3/16	5.0 TTG		U A	7776	COMP+CAN	(H)	16+ LTG (b)(A)	(.030)	U A
4595	COMPOSITE	1/4	6.0 TTG		U A	NY Tempering LLC ; Maspeth, NY					
4591	COMPOSITE	3/8	10.0 TTG		U A	4900	COMPOSITE	3/16	5.0 TTG		U A
4592	COMPOSITE	1/2	12.0 TTG		U A	4901	COMPOSITE	1/4	6.0 TTG		U A
New Century Glass & Aluminum LLC ; Woodside, NY						4902	COMPOSITE	3/8	10.0 TTG		U A
5455	COMPOSITE	3/16	5.0 TTG		U A	4903	COMPOSITE	1/2	12.0 TTG		U A
5456	COMPOSITE	1/4	6.0 TTG		U A	Oldcastle BuildingEnvelope® ; Albertville, MN					
5457	COMPOSITE	3/8	10.0 TTG		U A	3104	COMP+CAN	1/8	3.0 TTG		U A
5458	COMPOSITE	1/2	12.0 TTG		U A	3105	COMP+CAN	5/32	4.0 TTG		U A
Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, China						3106	COMP+CAN	3/16	5.0 TTG		U A
6271	COMPOSITE	5/32	4.0 TTG		U A	3107	COMP+CAN	1/4	6.0 TTG		U A
6272	COMPOSITE	1/4	6.0 TTG		U A	4882	COMP+CAN	5/16	8.0 TTG		U A
7873	COMPOSITE	3/8	10.0 TTG		U A	3108	COMP+CAN	3/8	10.0 TTG		U A
6273	COMPOSITE	5/32	4.0 TPG (m)		U A	3109	COMP+CAN	1/2	12.0 TTG		U A
6274	COMPOSITE	1/4	6.0 TPG (s)		U A	3110	COMP+CAN	5/8	16.0 TTG		U A
6845	COMPOSITE	3/8	10.0 TPG (s)		U A	3111	COMP+CAN	3/4	19.0 TTG		U A
Niskayuna Glass ; Schenectady, NY						3127	COMP+CAN	3/8	10.0 TPG (m)		U A
7471	COMP+CAN	1/8	3.0 TTG		U A	8081	COMPOSITE	(S)	6 LTG (A)(b)	(.030)	U A
7472	COMP+CAN	3/16	5.0 TTG		U A	8083	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.060)	U A
7473	COMP+CAN	1/4	6.0 TTG		U A	8082	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A
Norfinch Glass & Mirror Mfg. Ltd. ; Etobicoke, Ontario						Oldcastle BuildingEnvelope® ; Calgary, AB					
8252	COMP+CAN	1/4	6.0 TTG		U A	3263	COMP+CAN	1/8	3.0 TTG		U A
8253	COMP+CAN	3/8	10.0 TTG		U A	3264	COMP+CAN	5/32	4.0 TTG		U A
8254	COMP+CAN	1/2	12.0 TTG		U A	3265	COMP+CAN	3/16	5.0 TTG		U A
Northeast Building Products ; Philadelphia, PA						3266	COMP+CAN	1/4	6.0 TTG		U A
7281	COMPOSITE	1/8	3.0 TTG		U A	3267	COMP+CAN	5/16	8.0 TTG		U A
7282	COMPOSITE	5/32	4.0 TTG (IN)		U A	3268	COMP+CAN	3/8	10.0 TTG		U A
7283	COMPOSITE	3/16	5.0 TTG		U A	3269	COMP+CAN	1/2	12.0 TTG		U A
8084	COMPOSITE	1/8	3.0 TPG (s)		U A	3270	COMP+CAN	5/8	16.0 TTG		U A
Northwestern Glass Fab ; Fridley, MN						3271	COMP+CAN	3/4	19.0 TTG		U A
6733	COMP+CAN	1/8	3.0 TTG		U A	3273	COMP+CAN	5/32	4.0 TPG (d)		U A
6734	COMP+CAN	3/16	5.0 TTG		U A	3274	COMP+CAN	3/16	5.0 TPG (d)		U A
6735	COMP+CAN	1/4	6.0 TTG		U A	3275	COMP+CAN	1/4	6.0 TPG (m)		U A
6736	COMP+CAN	3/8	10.0 TTG		U A	3262	COMP+CAN	3/8	10.0 TPG (d)		U A
6737	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Los Angeles, CA						Oldcastle BuildingEnvelope® ; Perrysburg, OH					
1608	COMP+CAN	1/8	3.0 TTG		U A	3233	COMP+CAN	1/8	3.0 TTG		U A
1609	COMP+CAN	5/32	4.0 TTG		U A	3234	COMP+CAN	5/32	4.0 TTG		U A
630	COMP+CAN	3/16	5.0 TTG		U A	3235	COMP+CAN	3/16	5.0 TTG		U A
514	COMP+CAN	1/4	6.0 TTG		U A	3236	COMP+CAN	1/4	6.0 TTG		U A
4400	COMP+CAN	5/16	8.0 TTG		U A	4443	COMP+CAN	5/16	8.0 TTG		U A
515	COMP+CAN	3/8	10.0 TTG		U A	3237	COMP+CAN	3/8	10.0 TTG		U A
516	COMP+CAN	1/2	12.0 TTG		U A	3238	COMP+CAN	1/2	12.0 TTG		U A
4387	COMP+CAN	5/8	16.0 TTG		U A	3239	COMP+CAN	5/8	16.0 TTG		U A
2074	COMP+CAN	3/4	19.0 TTG		U A	3240	COMP+CAN	3/4	19.0 TTG		U A
935	COMP+CAN	3/16	5.0 TPG (m)		U A	3243	COMP+CAN	3/16	5.0 TPG (s)		U A
3793	COMP+CAN	3/8	10.0 TPG (m)		U A	3244	COMP+CAN	1/4	6.0 TPG (m)		U A
7406	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	4700	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
4346	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	4446	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
7407	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	4444	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A
4563	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	Oldcastle BuildingEnvelope® ; Phoenix, AZ					
Oldcastle BuildingEnvelope® ; Miami, FL						3128	COMP+CAN	1/8	3.0 TTG		U A
7845	COMP+CAN	1/8	3.0 TTG		U A	3130	COMP+CAN	3/16	5.0 TTG		U A
7847	COMP+CAN	5/32	4.0 TTG		U A	3131	COMP+CAN	1/4	6.0 TTG		U A
3497	COMP+CAN	3/16	5.0 TTG		U A	3132	COMP+CAN	3/8	10.0 TTG		U A
3498	COMP+CAN	1/4	6.0 TTG		U A	3133	COMP+CAN	1/2	12.0 TTG		U A
7848	COMP+CAN	5/16	8.0 TTG		U A	7262	COMP+CAN	5/8	16.0 TTG		U A
3499	COMP+CAN	3/8	10.0 TTG		U A	6394	COMP+CAN	3/4	19.0 TTG		U A
3500	COMP+CAN	1/2	12.0 TTG		U A	7521	COMP+CAN	1/8	3.0 TPG (s)		U A
7849	COMP+CAN	5/8	16.0 TTG		U A	3136	COMP+CAN	3/16	5.0 TPG (m)		U A
7850	COMP+CAN	3/4	19.0 TTG		U A	3999	COMP+CAN	1/4	6.0 TPG (m)		U A
7846	COMP+CAN	1/8	3.0 TPG (m)		U A	3729	COMP+CAN	3/8	10.0 TPG (m)		U A
3502	COMP+CAN	3/16	5.0 TPG (m)		U A	Oldcastle BuildingEnvelope® ; Rock Hill, SC					
4477	COMP+CAN	1/4	6.0 TPG (d)		U A	3276	COMP+CAN	1/8	3.0 TTG (IN)		U A
3503	COMP+CAN	3/8	10.0 TPG (s)		U A	3462	COMP+CAN	5/32	4.0 TTG		U A
7872	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	3277	COMP+CAN	3/16	5.0 TTG		U A
7877	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	3278	COMP+CAN	1/4	6.0 TTG		U A
4399	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	4787	COMP+CAN	5/16	8.0 TTG (IN)		U A
4398	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3279	COMP+CAN	3/8	10.0 TTG		U A
Oldcastle BuildingEnvelope® ; Moorestown, NJ						3280	COMP+CAN	1/2	12.0 TTG		U A
3180	COMP+CAN	1/8	3.0 TTG		U A	3281	COMP+CAN	1/8	3.0 TPG (s)(IN)		U A
3181	COMP+CAN	5/32	4.0 TTG		U A	4396	COMP+CAN	5/32	4.0 TPG (d)		U A
3182	COMP+CAN	3/16	5.0 TTG		U A	3283	COMP+CAN	3/16	5.0 TPG (d)		U A
3183	COMP+CAN	1/4	6.0 TTG		U A	3285	COMP+CAN	3/8	10.0 TPG (d)		U A
3184	COMP+CAN	3/8	10.0 TTG		U A	Oldcastle BuildingEnvelope® ; Schofield, WI					
3185	COMP+CAN	1/2	12.0 TTG		U A	3167	COMP+CAN	1/8	3.0 TTG		U A
4054	COMP+CAN	5/8	16.0 TTG		U A	3168	COMP+CAN	5/32	4.0 TTG		U A
3186	COMP+CAN	1/8	3.0 TPG (s)		U A	3169	COMP+CAN	3/16	5.0 TTG		U A
3187	COMP+CAN	5/32	4.0 TPG (d)		U A	3170	COMP+CAN	1/4	6.0 TTG		U A
3188	COMP+CAN	3/16	5.0 TPG (m)		U A	3171	COMP+CAN	5/16	8.0 TTG		U A
3189	COMP+CAN	1/4	6.0 TPG (m)		U A	3172	COMP+CAN	3/8	10.0 TTG		U A
3190	COMP+CAN	3/8	10.0 TPG (s)		U A	3173	COMP+CAN	1/2	12.0 TTG		U A
						3177	COMP+CAN	5/32	4.0 TPG (s)		U A
						3178	COMP+CAN	3/16	5.0 TPG (d)		U A
						3176	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
						6773	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A
						4558	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Shawnee, OK											
3095	COMP+CAN	1/8	3.0	TTG	U A						
3096	COMP+CAN	5/32	4.0	TTG	U A						
3097	COMP+CAN	3/16	5.0	TTG	U A						
3098	COMP+CAN	1/4	6.0	TTG	U A						
3099	COMP+CAN	3/8	10.0	TTG	U A						
3100	COMP+CAN	1/2	12.0	TTG	U A						
7603	COMP+CAN	3/4	19.0	TTG	U A						
3101	COMP+CAN	1/8	3.0	TPG (m)	U A						
3102	COMP+CAN	5/32	4.0	TPG (m)	U A						
3103	COMP+CAN	3/16	5.0	TPG (m)	U A						
Oldcastle BuildingEnvelope® ; Tampa, FL											
3116	COMP+CAN	1/8	3.0	TTG	U A						
3118	COMP+CAN	3/16	5.0	TTG	U A						
3119	COMP+CAN	1/4	6.0	TTG	U A						
3120	COMP+CAN	3/8	10.0	TTG	U A						
3121	COMP+CAN	1/2	12.0	TTG	U A						
3122	COMP+CAN	1/8	3.0	TPG (s)	U A						
3124	COMP+CAN	3/16	5.0	TPG (m)	U A						
3125	COMP+CAN	1/4	6.0	TPG (m)	U A						
4340	COMP+CAN	3/8	10.0	TPG (s)	U A						
4448	COMP+CAN	(S)	6	LTG (b)(A)	(.030) U A						
4449	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030) U A						
5051	COMP+CAN	(H)	12	LTG (ip)(A)	(.035) U A						
Oldcastle BuildingEnvelope® ; Vancouver, WA											
3219	COMP+CAN	1/8	3.0	TTG	U A						
3220	COMP+CAN	5/32	4.0	TTG	U A						
3221	COMP+CAN	3/16	5.0	TTG	U A						
3222	COMP+CAN	1/4	6.0	TTG	U A						
3223	COMP+CAN	5/16	8.0	TTG	U A						
3224	COMP+CAN	3/8	10.0	TTG	U A						
3225	COMP+CAN	1/2	12.0	TTG	U A						
3226	COMP+CAN	1/8	3.0	TPG (s)	U A						
7424	COMP+CAN	5/32	4.0	TPG (s)	U A						
3228	COMP+CAN	3/16	5.0	TPG (m)	U A						
3229	COMP+CAN	1/4	6.0	TPG (m)	U A						
3230	COMP+CAN	3/8	10.0	TPG (m)	U A						
Oldcastle BuildingEnvelope® ; Warrenton, MO											
3144	COMP+CAN	1/8	3.0	TTG	U A						
3145	COMP+CAN	5/32	4.0	TTG	U A						
3146	COMP+CAN	3/16	5.0	TTG	U A						
3147	COMP+CAN	1/4	6.0	TTG	U A						
3796	COMP+CAN	5/16	8.0	TTG	U A						
3148	COMP+CAN	3/8	10.0	TTG	U A						
3149	COMP+CAN	1/2	12.0	TTG	U A						
5904	COMP+CAN	5/8	16.0	TTG	U A						
3151	COMP+CAN	1/8	3.0	TPG (s)	u A						
3152	COMP+CAN	5/32	4.0	TPG (s)	U A						
3153	COMP+CAN	3/16	5.0	TPG (m)	U A						
3154	COMP+CAN	1/4	6.0	TPG (m)	U A						
3155	COMP+CAN	3/8	10.0	TPG (d)	U A						
Oldcastle BuildingEnvelope® ; Wright City, MO											
3137	COMP+CAN	1/8	3.0	TTG	U A						
3138	COMP+CAN	5/32	4.0	TTG	U A						
3139	COMP+CAN	3/16	5.0	TTG	U A						
3140	COMP+CAN	1/4	6.0	TTG	U A						
3141	COMP+CAN	5/16	8.0	TTG	U A						
3142	COMP+CAN	3/8	10.0	TTG	U A						
3143	COMP+CAN	1/2	12.0	TTG	U A						
4528	COMP+CAN	(S)	6	LTG (ip)(A)	(.035) U A						
4526	COMP+CAN	(S)	6	LTG (b)(A)	(.030) U A						
4529	COMP+CAN	(H)	8-16+	LTG (ip)(A)	(.035) U A						
4527	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030) U A						
Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, QC											
4247	COMP+CAN	5/32	4.0	TTG	U A						
1997	COMP+CAN	3/16	5.0	TTG	U A						
2543	COMP+CAN	1/4	6.0	TTG	U A						
2884	COMP+CAN	5/16	8.0	TTG	U A						
2544	COMP+CAN	3/8	10.0	TTG	U A						
2062	COMP+CAN	1/2	12.0	TTG	U A						
7397	COMP+CAN	5/8	16.0	TTG	U A						
7398	COMP+CAN	3/4	19.0	TTG	U A						
5024	COMP+CAN	(S)	6	LTG (b)(A)(IN)	(.015)(C1) U B						
5025	COMP+CAN	(S)	6	LTG (b)(A)	(.030) U A						
4435	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030) U A						
4433	COMP+CAN	(H)	10-16+	LTG (ip)(A)	(.070) U A						
Oldcastle BuildingEnvelope® Houston Southerland ; Houston, TX											
7909	COMPOSITE	5/32	4.0	TTG	U A						
7910	COMPOSITE	3/16	5.0	TTG	U A						
6728	COMPOSITE	1/4	6.0	TTG	U A						
7911	COMPOSITE	5/16	8.0	TTG	U A						
6729	COMPOSITE	3/8	10.0	TTG	U A						
6730	COMPOSITE	1/2	12.0	TTG	U A						
7912	COMPOSITE	5/8	16.0	TTG	U A						
7913	COMPOSITE	3/4	19.0	TTG	U A						
7914	COMPOSITE	3/16	5.0	TPG (s)	U A						
7915	COMPOSITE	3/8	10.0	TPG (s)	U A						
7908	COMPOSITE	(S)	6	LTG (b)(A)	(.030) U A						
7962	COMPOSITE	(S)	6	LTG (ip)(A)	(.035) U A						
6731	COMPOSITE	(H)	8-16+	LTG (ip)(A)	(.035) U A						
6732	COMPOSITE	(H)	8-16+	LTG (b)(A)	(.030) U A						
Onyx Solar Energy, S.L. ; Avila, Spain											
7071	COMPOSITE	(H)	12	LTG (ev)(HS)	(.080) U A						
8184	COMPOSITE	(H)	16+	LTG (ev)(HS)	(.075) U A						
7070	COMPOSITE	(H)	16	LSP (ip)(HS)	(.035)x2 U A						
PAN- DUR Glass GmbH ; Ilmenau, Thuringen											
6738	COMPOSITE	5/32	4.0	TTG	U A						
6739	COMPOSITE	1/4	6.0	TTG	U A						
Panoramic Doors LLC ; Fort Worth, TX											
8198	COMP+CAN	5/32	4.0	TTG	U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Paragon Tempered Glass ; Antwerp, OH						Pietta Glass Working Srl ; Valenii De Munte, Romania					
2684	COMPOSITE	1/8	3.0 TTG		U A	7190	COMP+CAN	5/32	4.0 TTG		U A
2685	COMPOSITE	5/32	4.0 TTG		U A	7191	COMP+CAN	3/16	5.0 TTG		U A
2686	COMPOSITE	3/16	5.0 TTG		U A	7384	COMP+CAN	1/4	6.0 TTG		U A
2687	COMPOSITE	1/4	6.0 TTG		U A	7385	COMP+CAN	5/16	8.0 TTG		U A
2688	COMPOSITE	3/8	10.0 TTG		U A	7386	COMP+CAN	3/8	10.0 TTG		U A
5242	COMPOSITE	3/16	5.0 TBG		U A	7387	COMP+CAN	1/2	12.0 TTG		U A
4811	COMPOSITE	1/4	6.0 TBG		U A	7389	COMP+CAN	(H)	8,12-16+ LTG (b)(A)	(.030)	U A
Patio Enclosures ; Macedonia, OH						Pilkington Architectural ; St. Helens, Merseyside, England					
7843	COMPOSITE	1/8	3.0 TTG		U A	7132	COMP+CAN	1/4	6.0 TTG		U A
8222	COMPOSITE	5/32	4.0 TTG		U A	7133	COMP+CAN	5/16	8.0 TTG		U A
Patriot Armored Systems, LLC ; Lee, MA						Pilkington Plyglass ; Somercotes, Derby, United Kingdom					
6688	COMPOSITE	1/8	3.0 TTG		U A	7134	COMP+CAN	3/8	10.0 TTG		U A
6689	COMPOSITE	3/16	5.0 TTG		U A	7135	COMP+CAN	1/2	12.0 TTG		U A
6690	COMPOSITE	1/4	6.0 TTG		U A	7136	COMP+CAN	*	15.0 TTG (4)		U A
6691	COMPOSITE	3/8	10.0 TTG		U A	7137	COMP+CAN	3/4	19.0 TTG		U A
Pennsylvania Insulating Glass ; Lewistown, PA						Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan					
3918	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	8100	COMPOSITE	3/16	5.0 TTG		U A
Perficom S.A. DE C.V. ; San Juan Del Rio, Queretaro, Mexico						Pirnar-Staklo d.o.o. ; Bosanski, Bosnia					
4512	COMPOSITE	1/8	3.0 TTG		U A	7704	COMP+CAN	1/4	6.0 TTG		U A
PFG Glass ; Langley, BC						Portland Glass Manufacturing ; Clackamas, OR					
3538	COMP+CAN	1/8	3.0 TTG		U A	6372	COMPOSITE	1/4	6.0 TTG		U A
3539	COMP+CAN	5/32	4.0 TTG		U A	6373	COMPOSITE	3/8	10.0 TTG		U A
3540	COMP+CAN	3/16	5.0 TTG		U A	6510	COMPOSITE	1/2	12.0 TTG		U A
3542	COMP+CAN	5/16	8.0 TTG		U A	Precision Glass Bending Corporation ; Greenwood, AR					
3543	COMP+CAN	3/8	10.0 TTG		U A	7149	COMP+CAN	1/4	6.0 TBG		U A
3544	COMP+CAN	1/2	12.0 TTG		U A	7150	COMP+CAN	3/8	10.0 TBG		U A
3547	COMP+CAN	1/8	3.0 TPG (s)		U A	7151	COMP+CAN	1/2	12.0 TBG		U A
3548	COMP+CAN	5/32	4.0 TPG (d)		U A	7152	COMP+CAN	5/8	16.0 TBG		U A
3549	COMP+CAN	3/16	5.0 TPG (s)		U A	7153	COMP+CAN	3/4	19.0 TBG		U A
3711	COMP+CAN	1/4	6.0 TPG (m)		U A	7154	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
PGT Industries ; North Venice, FL						Precision Glass Industries ; Houston, TX					
2389	COMPOSITE	1/8	3.0 TTG		U A	6886	COMPOSITE	3/16	5.0 TTG		U A
2390	COMPOSITE	3/16	5.0 TTG		U A	6887	COMPOSITE	1/4	6.0 TTG		U A
2391	COMPOSITE	1/4	6.0 TTG		U A	6888	COMPOSITE	3/8	10.0 TTG		U A
3880	COMPOSITE	1/8	3.0 TPG (s)		U A	6889	COMPOSITE	1/2	12.0 TTG		U A
3881	COMPOSITE	3/16	5.0 TPG (s)		U A	7604	COMPOSITE	3/16	5.0 TPG (m)		U A
7451	COMPOSITE (S)		6 LTG (ip)(A)	(.035)	U A	7605	COMPOSITE	3/8	10.0 TPG (s)		U A
7452	COMPOSITE (H)		8-12 LTG (ip)(A)	(.035)	U A	Precision Glass Industries ; Houston, TX					
2426	COMPOSITE (H)		8-12 LTG (b)(A)	(.060)	U A	6886	COMPOSITE	3/16	5.0 TTG		U A
Philly Glass Industry Inc. ; Philadelphia, PA						Precision Glass Industries ; Houston, TX					
7652	COMP+CAN	3/16	5.0 TTG		U A	6887	COMPOSITE	1/4	6.0 TTG		U A
7653	COMP+CAN	1/4	6.0 TTG		U A	6888	COMPOSITE	3/8	10.0 TTG		U A
7654	COMP+CAN	3/8	10.0 TTG		U A	6889	COMPOSITE	1/2	12.0 TTG		U A
7655	COMP+CAN	1/2	12.0 TTG		U A	7604	COMPOSITE	3/16	5.0 TPG (m)		U A
7656	COMP+CAN	5/8	16.0 TTG (IN)		U A	7605	COMPOSITE	3/8	10.0 TPG (s)		U A
7657	COMP+CAN	3/4	19.0 TTG (IN)		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Prelco Inc. ; Riviere-du-loup, QC						PRESS GLASS SA ; Tychy, Poland					
2034	COMP+CAN	1/8	3.0 TTG		U A	5852	COMP+CAN	5/32	4.0 TTG		U A
2035	COMP+CAN	5/32	4.0 TTG		U A	6404	COMP+CAN	3/16	5.0 TTG		U A
2713	COMP+CAN	3/16	5.0 TTG		U A	5853	COMP+CAN	1/4	6.0 TTG		U A
7800	COMP+CAN	1/4	6.0 TTG		U A	5854	COMP+CAN	5/16	8.0 TTG		U A
2751	COMP+CAN	5/16	8.0 TTG		U A	5855	COMP+CAN	3/8	10.0 TTG		U A
2381	COMP+CAN	3/8	10.0 TTG		U A	5856	COMP+CAN	1/2	12.0 TTG		U A
2048	COMP+CAN	1/2	12.0 TTG		U A	5857	COMP+CAN	*	15.0 TTG (4)		U A
5609	COMP+CAN	5/8	16.0 TTG		U A	7509	COMP+CAN	3/16	5.0 TBG		U A
4904	COMP+CAN	3/4	19.0 TTG		U A	7510	COMP+CAN	1/4	6.0 TBG		U A
4905	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	7511	COMP+CAN	5/16	8.0 TBG		U A
4906	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	7512	COMP+CAN	3/8	10.0 TBG		U A
8274	COMP+CAN	(H)	10 LTG (ip)(A)	(.060)	U A	7513	COMP+CAN	*	12.0 TBG (2)		U A
Prelco Inc. ; Saint-Jacques, NB						Press Glass, Inc. ; Stoneville, NC					
4911	COMP+CAN	1/8	3.0 TTG		U A	7514	COMP+CAN	*	15.0 TBG (2)		U A
4912	COMP+CAN	5/32	4.0 TTG		U A	5858	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
4913	COMP+CAN	3/16	5.0 TTG		U A	7638	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.035)	U A
4914	COMP+CAN	1/4	6.0 TTG		U A	Press Glass, Inc. ; Stoneville, NC					
4915	COMP+CAN	5/16	8.0 TTG		U A	2728	COMP+CAN	1/8	3.0 TTG		U A
4916	COMP+CAN	3/8	10.0 TTG		U A	2730	COMP+CAN	3/16	5.0 TTG		U A
4917	COMP+CAN	1/2	12.0 TTG		U A	2732	COMP+CAN	1/4	6.0 TTG		U A
5610	COMP+CAN	5/8	16.0 TTG		U A	5259	COMP+CAN	5/16	8.0 TTG		U A
5611	COMP+CAN	3/4	19.0 TTG		U A	2729	COMP+CAN	3/8	10.0 TTG		U A
Prelco MTL Inc. ; Montreal, QC						PRL Glass Systems ; City of Industry, CA					
7481	COMP+CAN	5/32	4.0 TTG		U A	2733	COMP+CAN	1/2	12.0 TTG		U A
7482	COMP+CAN	3/16	5.0 TTG		U A	2731	COMP+CAN	5/8	16.0 TTG		U A
7483	COMP+CAN	1/4	6.0 TTG		U A	2734	COMP+CAN	3/4	19.0 TTG		U A
7484	COMP+CAN	5/16	8.0 TTG		U A	4375	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
7485	COMP+CAN	3/8	10.0 TTG		U A	4413	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
Premier Glass Products ; Atlanta, GA						Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro					
6792	COMP+CAN	1/4	6.0 TTG		U A	4376	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
6793	COMP+CAN	3/8	10.0 TTG		U A	4414	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
6794	COMP+CAN	1/2	12.0 TTG		U A	PRL Glass Systems ; City of Industry, CA					
7059	COMP+CAN	1/4	6.0 TBG	34x5 A		6508	COMPOSITE	1/4	6.0 TTG		U A
7060	COMP+CAN	3/8	10.0 TBG	34x5 A		7971	COMP+CAN	(H)	12 LTG (ev)(A)(IN)	(.030)	U A
7061	COMP+CAN	1/2	12.0 TBG	34x5 A		Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro					
Press Glass Inc. ; Ridgeway, VA						Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Mexico					
7810	COMP+CAN	3/16	5.0 TTG		U A	6716	COMPOSITE	1/8	3.0 TTG		U A
7811	COMP+CAN	1/4	6.0 TTG		U A	6717	COMPOSITE	1/4	6.0 TTG		U A
7812	COMP+CAN	5/16	8.0 TTG		U A	Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Mexico					
7813	COMP+CAN	3/8	10.0 TTG		U A	6718	COMPOSITE	1/4	6.0 TTG		U A
7814	COMP+CAN	1/2	12.0 TTG		U A	6719	COMPOSITE	3/8	10.0 TTG		U A
7815	COMP+CAN	5/8	16.0 TTG		U A	6720	COMPOSITE	1/2	12.0 TTG		U A
7816	COMP+CAN	3/4	19.0 TTG		U A	6722	COMPOSITE	(H)	12 LTG (b)(T)	(.060)	U A
7819	COMP+CAN	(H)	8, 16+ LTG (b)(A)	(.030)	U A	6721	COMPOSITE	(H)	12 LTG (ip)(T)	(.060)	U A
7820	COMP+CAN	(H)	8, 16+ LTG (ip)(A)	(.035)	U A	Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon					
PRESS GLASS SA ; Radomsko, Poland						Productos De Valor Agregado en Cristal S.A. de C.V. ; San Juan Ixhuatepec, Tlalnepantla, Mexico					
5845	COMP+CAN	5/32	4.0 TTG		U A	6517	COMPOSITE	1/4	6.0 TTG		U A
6963	COMP+CAN	3/16	5.0 TTG		U A	6518	COMPOSITE	3/8	10.0 TTG		U A
5846	COMP+CAN	1/4	6.0 TTG		U A	Productos De Valor Agregado en Cristal S.A. de C.V. ; San Juan Ixhuatepec, Tlalnepantla, Mexico					
5847	COMP+CAN	5/16	8.0 TTG		U A	4639	COMPOSITE	3/16	5.0 TTG		U A
5848	COMP+CAN	3/8	10.0 TTG		U A	4645	COMPOSITE	1/4	6.0 TTG		U A
5849	COMP+CAN	1/2	12.0 TTG		U A	4788	COMPOSITE	5/16	8.0 TTG		U A
5850	COMP+CAN	*	15.0 TTG (4)		U A	4640	COMPOSITE	3/8	10.0 TTG		U A
5851	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	4641	COMPOSITE	1/2	12.0 TTG		U A
7479	COMP+CAN	(H)	12,16+ LTG (ip)(A)	(.035)	U A	4642	COMPOSITE	3/4	19.0 TTG		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Produits Verrier International Inc. ; Montreal, Quebec						Qingdao Laurel Glass Technology Co., Ltd ; Qingdao City, China					
5498	COMP+CAN	1/8	3.0 TTG		U A	7125	COMP+CAN	1/8	3.0 TTG		U A
5499	COMP+CAN	5/32	4.0 TTG		U A	7110	COMP+CAN	5/32	4.0 TTG		U A
5500	COMP+CAN	3/16	5.0 TTG		U A	8063	COMP+CAN	1/4	6.0 TTG		U A
5501	COMP+CAN	1/4	6.0 TTG		U A	8019	COMP+CAN	5/16	8.0 TTG		U A
7844	COMP+CAN	5/16	8.0 TTG		U A	7126	COMP+CAN	3/8	10.0 TTG		U A
5502	COMP+CAN	3/8	10.0 TTG		U A	8020	COMP+CAN	1/2	12.0 TTG		U A
5503	COMP+CAN	1/2	12.0 TTG		U A	8021	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
5504	COMP+CAN	1/8	3.0 TPG (s)		U A	Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong					
5505	COMP+CAN	3/16	5.0 TPG (s)		U A	8216	COMP+CAN	3/8	10.0 TTG		U A
7972	COMP+CAN	(H)	12,16+ LTG (ev)(A)	(.015)	U A	Qingdao Sun Teck Glass Co., Ltd. ; Qingdao, Shandong					
7973	COMP+CAN	(H)	12-16+ LTG (ev)(A)	(.030)	U A	8298	COMP+CAN	1/8	3.0 TTG		U A
ProTemp Glass, Inc. ; Concord, ON						Qinhuangdao Ampac Building Products Co., Ltd. ; Qinhuangdao Hebei, China					
7410	COMP+CAN	5/32	4.0 TTG		U A	5899	COMPOSITE	1/8	3.0 TTG		U A
7411	COMP+CAN	3/16	5.0 TTG		U A	5900	COMPOSITE	5/32	4.0 TTG		U A
7382	COMP+CAN	1/4	6.0 TTG		U A	5901	COMPOSITE	3/16	5.0 TTG		U A
7312	COMP+CAN	5/16	8.0 TTG		U A	5902	COMPOSITE	5/32	4.0 TPG (s)		U A
7313	COMP+CAN	3/8	10.0 TTG		U A	5903	COMPOSITE	3/16	5.0 TPG (d)		U A
7314	COMP+CAN	1/2	12.0 TTG		U A	Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao City, Hebei Province					
7315	COMP+CAN	5/8	16.0 TTG		U A	5280	COMPOSITE	1/8	3.0 TTG		U A
7316	COMP+CAN	3/4	19.0 TTG		U A	Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei, China					
7907	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.060)	U A	5141	COMPOSITE	1/8	3.0 TTG		U A
Przedsiębiorstwo TMF s.c. Florczak Tadeusz, Florczak Michal ; Koscielce, Poland						Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei, China					
8162	COMP+CAN	(H)	10 LTG (b)(A)	(.030)	U A	7259	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A
PT Abebersa Pratama ; Bekasi, Indonesia						QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei, China					
3905	COMPOSITE	5/32	4.0 TTG		U A	3690	COMPOSITE	1/8	3.0 TTG		U A
3906	COMPOSITE	3/16	5.0 TTG		U A	Quaker Window Products, Inc. ; Freeburg, MO					
8000	COMPOSITE	5/32	4.0 TPG (s)		U A	2985	COMP+CAN	1/8	3.0 TTG		U A
Pulp Studio, Inc. ; Gardena, CA						5297	COMP+CAN	5/32	4.0 TTG		U A
7860	COMP+CAN	3/16	5.0 TTG		U A	2986	COMP+CAN	3/16	5.0 TTG		U A
6416	COMP+CAN	1/4	6.0 TTG		U A	3485	COMP+CAN	1/4	6.0 TTG		U A
7807	COMP+CAN	3/8	10.0 TTG		U A	7935	COMP+CAN	5/16	8.0 TTG		U A
7808	COMP+CAN	1/2	12.0 TTG		U A	2968	COMP+CAN	1/8	3.0 TPG (m)		U A
4711	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	2969	COMP+CAN	5/32	4.0 TPG (m)(IN)		U A
Qianse Acrylic Co., LTD. ; Dongguan City, Guangdong Province, China						3486	COMP+CAN	3/16	5.0 TPG (m)		U A
7247	ANSI ONLY	1/8	3.0 SPS		U A	2970	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
Qingdao Himalaya Building Materials Co., Ltd ; China						Quality Enclosures ; Central Islip, NY					
8315	COMP+CAN	5/16	8.0 TTG		U A	6440	COMP+CAN	3/16	5.0 TTG		U A
8316	COMP+CAN	*	12.0 TTG (3)		U A	6441	COMP+CAN	1/4	6.0 TTG		U A
Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong						6442	COMP+CAN	3/8	10.0 TTG		U A
6776	COMPOSITE	1/8	3.0 TTG		U A	6443	COMP+CAN	1/2	12.0 TTG		U A
6777	COMPOSITE	5/32	4.0 TTG		U A	6444	COMP+CAN	3/16	5.0 TPG (s)		U A
Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong Province						6445	COMP+CAN	1/4	6.0 TPG (m)		U A
7681	COMP+CAN	*	12.0 TTG (4)		U A	6446	COMP+CAN	3/8	10.0 TPG (m)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Quality Enclosures Tempering, Inc. ; Port Orange, FL						Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Brazil					
6243	COMPOSITE	3/16	5.0 TTG		U A	8103	COMP+CAN	5/32	4.0 TTG		U A
6244	COMPOSITE	1/4	6.0 TTG		U A	8192	COMP+CAN	1/4	6.0 TTG		U A
6245	COMPOSITE	3/8	10.0 TTG		U A	S.F. Tempering ; Dania Beach, FL					
6246	COMPOSITE	1/2	12.0 TTG		U A	5452	COMPOSITE	3/16	5.0 TTG		U A
6247	COMPOSITE	3/16	5.0 TPG (m)		U A	5019	COMPOSITE	1/4	6.0 TTG		U A
6248	COMPOSITE	1/4	6.0 TPG (s)		U A	5020	COMPOSITE	3/8	10.0 TTG		U A
6249	COMPOSITE	3/8	10.0 TPG (s)		U A	5021	COMPOSITE	1/2	12.0 TTG		U A
Quality Glass & Mirror, Inc. ; Mount Prospect, IL						6694	COMPOSITE	(S)	6 LTG (ev)(A)	(.015)	U B
2981	COMPOSITE	3/16	5.0 TTG		U A	6695	COMPOSITE	(H)	12-16+ LTG (ev)(A)	(.015)	U B
2982	COMPOSITE	1/4	6.0 TTG		U A	SAAND Inc. ; Toronto, ON					
2983	COMPOSITE	3/8	10.0 TTG		U A	2481	COMP+CAN	1/8	3.0 TTG		U A
2984	COMPOSITE	1/2	12.0 TTG		U A	2482	COMP+CAN	5/32	4.0 TTG		U A
3805	COMPOSITE	3/4	19.0 TTG		U A	3023	COMP+CAN	3/16	5.0 TTG		U A
Quest USA, Inc. ; Garland, TX						2484	COMP+CAN	1/4	6.0 TTG		U A
7659	COMP+CAN	1/4	6.0 TTG		U A	4356	COMP+CAN	5/16	8.0 TTG		U A
Quest Window Systems ; Mississauga, ON						4357	COMP+CAN	3/8	10.0 TTG		U A
5719	COMP+CAN	1/4	6.0 TTG		U A	4358	COMP+CAN	1/2	12.0 TTG		U A
Ready Glass & Mirror, Inc. ; Hialeah, FL						SAAND London ; London, ON					
3745	COMPOSITE	3/16	5.0 TTG		U A	3978	COMP+CAN	1/8	3.0 TTG		U A
3746	COMPOSITE	1/4	6.0 TTG		U A	4278	COMP+CAN	5/32	4.0 TTG		U A
3747	COMPOSITE	3/8	10.0 TTG		U A	3979	COMP+CAN	3/16	5.0 TTG		U A
3748	COMPOSITE	1/2	12.0 TTG		U A	3980	COMP+CAN	1/4	6.0 TTG		U A
7013	COMPOSITE	(H)	8-12 LTG (b)(A)(IN)	(.015)	U A	7658	COMP+CAN	5/16	8.0 TTG		U A
5634	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	3981	COMP+CAN	3/8	10.0 TTG		U A
Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates						7536	COMP+CAN	1/2	12.0 TTG		U A
4675	COMPOSITE	1/4	6.0 TTG		U A	SAAND Ottawa ; Stittsville, ON					
4676	COMPOSITE	5/16	8.0 TTG		U A	4949	COMP+CAN	1/8	3.0 TTG		U A
4677	COMPOSITE	3/8	10.0 TTG		U A	4950	COMP+CAN	5/32	4.0 TTG		U A
6971	COMPOSITE	(H)	16 LTG (b)(A)	(.060)	U A	4951	COMP+CAN	3/16	5.0 TTG		U A
Renin Canada Corp. ; Brampton, ON						4952	COMP+CAN	1/4	6.0 TTG		U A
8278	COMP+CAN	3/8	10.0 TTG		U A	4953	COMP+CAN	3/8	10.0 TTG		U A
Rexlin Glass Ltd. ; Nova Scotia, Canada						4954	COMP+CAN	1/2	12.0 TTG		U A
8210	COMP+CAN	1/4	6.0 TTG		U A	SAAND Rexdale ; Rexdale, ON					
8211	COMP+CAN	3/8	10.0 TTG		U A	4995	COMP+CAN	1/8	3.0 TTG		U A
Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong						4996	COMP+CAN	5/32	4.0 TTG		U A
5566	COMP+CAN	5/32	4.0 TTG		U A	4997	COMP+CAN	3/16	5.0 TTG		U A
5567	COMP+CAN	3/16	5.0 TTG		U A	4998	COMP+CAN	1/4	6.0 TTG		U A
5568	COMP+CAN	1/4	6.0 TTG		U A	4999	COMP+CAN	3/8	10.0 TTG		U A
5569	COMP+CAN	5/16	8.0 TTG		U A	5000	COMP+CAN	1/2	12.0 TTG		U A
5570	COMP+CAN	3/8	10.0 TTG		U A	5001	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
5571	COMP+CAN	1/2	12.0 TTG		U A	5002	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
5572	COMP+CAN	*	15.0 TTG (4)		U A	SAGE Electrochromics Inc. ; Faribault, MN					
5580	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A	7003	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
5581	COMP+CAN	(H)	8-16 LTG (b)(A)	(.015)	U A	5016	COMP+CAN	(H)	8-12 LTG (ip)(A)	(.035)	U A
Robover Inc. ; Quebec City, QC						Saint Gobain Mexico, S.A. de C.V. ; Cautla, Morelos, Mexico					
5199	COMP+CAN	1/8	3.0 TTG		U A	8152	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A
5200	COMP+CAN	5/32	4.0 TTG		U A	8153	COMP+CAN	(H)	8 LTG (b)(A)	(.015)	U A
5201	COMP+CAN	3/16	5.0 TTG		U A	8154	COMP+CAN	(H)	8 LTG (b)(A)	(.030)	U A
5202	COMP+CAN	1/4	6.0 TTG		U A	8155	COMP+CAN	(H)	10 LTG (b)(A)	(.090)	U A
5763	COMP+CAN	3/8	10.0 TTG		U A						
5764	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Saint-Gobain Glassolutions Objekt-Center GmbH ; Radeburg, Germany						Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong China					
6913	COMP+CAN	1/4	6.0 TTG		U A	8311	COMP+CAN	3/16	5.0 TTG		U A
6914	COMP+CAN	5/16	8.0 TTG		U A	7917	COMP+CAN	1/4	6.0 TTG		U A
6915	COMP+CAN	3/8	10.0 TTG		U A	7918	COMP+CAN	5/16	8.0 TTG		U A
6800	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A	7919	COMP+CAN	3/8	10.0 TTG		U A
6801	COMP+CAN	(H)	16+ LTG (b)(A)	(.060)	U A	7916	COMP+CAN	3/16	5.0 TPG (s)		U A
Saudi American Glass Company ; Riyadh, Saudi Arabia						Shandong Yaohua Glass Co., Ltd. ; Jinan City, Shandong, China					
6192	COMPOSITE	1/4	6.0 TTG		U A	7335	COMP+CAN	3/16	5.0 TTG		U A
6193	COMPOSITE	5/16	8.0 TTG		U A	7336	COMP+CAN	1/4	6.0 TTG		U A
6750	COMPOSITE	(H)	10 LTG (b)(A)	(.060)	U A	7337	COMP+CAN	3/8	10.0 TTG		U A
7506	COMPOSITE	(H)	12 LTG (ip)(T)	(.060)	U A	7338	COMP+CAN	1/2	12.0 TTG		U A
Saudi German Aluminum Products Co. ; Sinayah, Jeddah						Shanghai Borden Decoration Materials Co., Ltd. ; Shanghai					
8093	COMP+CAN	1/4	6.0 TTG		U A	7727	COMPOSITE	5/32	4.0 TTG		U A
8094	COMP+CAN	5/16	8.0 TTG		U A	7728	COMPOSITE	3/16	5.0 TTG		U A
8095	COMP+CAN	3/8	10.0 TTG		U A	7729	COMPOSITE	1/4	6.0 TTG		U A
8096	COMP+CAN	1/2	12.0 TTG		U A	7730	COMPOSITE	5/16	8.0 TTG		U A
8097	COMP+CAN	(H)	12, 16+ LTG (b)(A)	(.030)	U A	7731	COMPOSITE	3/8	10.0 TTG		U A
SCHOTT Gemtron - Sweetwater ; Sweetwater, TN						Shanghai Hangqi Glass Co., LTD. ; Shanghai, China					
1334	COMP+CAN	1/8	3.0 TTG		U A	6880	COMPOSITE	1/2	12.0 TTG (IN)		U A
1332	COMP+CAN	5/32	4.0 TTG		U A	6881	COMPOSITE	3/4	19.0 TTG (IN)		U A
1201	COMP+CAN	3/16	5.0 TTG		U A	6844	COMPOSITE	(H)	12, 16+ LTG (b)(A)(IN)	(.060)	U A
1477	COMP+CAN	1/4	6.0 TTG		U A	Shanghai SYP Engineering Glass ; Shanghai, China					
1422	COMP+CAN	1/8	3.0 TPG (s)		U A	4067	COMP+CAN	5/32	4.0 TTG		U A
1424	COMP+CAN	5/32	4.0 TPG (s)		U A	4068	COMP+CAN	3/16	5.0 TTG		U A
SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada						Shanghai Zhenzhen Glassware Co., LTD. ; Shanghai, China					
3067	COMP+CAN	1/8	3.0 TTG		U A	6125	COMP+CAN	1/4	6.0 TTG		U A
3659	COMP+CAN	5/32	4.0 TTG		U A	6126	COMP+CAN	3/8	10.0 TTG		U A
3636	COMP+CAN	3/16	5.0 TTG		U A	Shape Glass LLC. ; Sarasota, FL					
3637	COMP+CAN	1/4	6.0 TTG		U A	6502	COMPOSITE	1/8	3.0 TTG		U A
6020	COMP+CAN	5/16	8.0 TTG		U A	6503	COMPOSITE	3/16	5.0 TTG		U A
6021	COMP+CAN	3/8	10.0 TTG		U A	6504	COMPOSITE	1/4	6.0 TTG		U A
Selective Shower Glass Designs Inc. ; Medley, FL						Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong					
8314	COMP+CAN	(H)	10-12 LTG (ip)(A)	(.030)	U A	6970	COMP+CAN	(H)	8-10 LTG (b)(A)	(.060)	U A
Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX						Shower Doors & More Inc. ; Fort Lauderdale, FL					
7640	COMPOSITE	1/8	3.0 TTG		U A	5756	COMPOSITE	3/16	5.0 TTG		U A
7641	COMPOSITE	3/16	5.0 TTG		U A	5757	COMPOSITE	1/4	6.0 TTG		U A
7642	COMPOSITE	1/4	6.0 TTG		U A	5758	COMPOSITE	3/8	10.0 TTG		U A
Sfera SRL ; Meolo (VE), Italy						Shandong Jinjing Science & Technology Stock Co., Ltd. ; Zibo, Shandong					
8087	COMP+CAN	5/32	4.0 TBG		U A	8256	COMPOSITE	5/32	4.0 TTG		U A
6079	COMP+CAN	1/4	6.0 TBG		U A	8257	COMPOSITE	1/4	6.0 TTG		U A
8086	COMP+CAN	5/16	8.0 TBG		U A	8258	COMPOSITE	5/16	8.0 TTG		U A
Shandong Jinjing Science & Technology Stock Co., Ltd. ; Zibo, Shandong						Shanghai SYP Engineering Glass ; Shanghai, China					
8256	COMPOSITE	5/32	4.0 TTG		U A	4070	COMP+CAN	5/16	8.0 TTG		U A
8257	COMPOSITE	1/4	6.0 TTG		U A	4071	COMP+CAN	3/8	10.0 TTG		U A
8258	COMPOSITE	5/16	8.0 TTG		U A	4072	COMP+CAN	1/2	12.0 TTG		U A
8259	COMPOSITE	3/8	10.0 TTG		U A	4073	COMP+CAN	*	15.0 TTG (4)		U A
8250	COMPOSITE	(H)	12,16 LTG (b)(T)	(.030)	U A	6988	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
8251	COMPOSITE	(H)	16+ LTG (ip)(T)	(.035)	U A	Shanghai Zhenzhen Glassware Co., LTD. ; Shanghai, China					

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan						Skyline Design ; Chicago, IL					
7050	COMPOSITE	3/16	5.0 TTG		U A	6340	COMP+CAN	1/4	6.0 TTG		U A
7051	COMPOSITE	1/4	6.0 TTG		U A	6343	COMP+CAN	1/2	12.0 TTG		U A
7052	COMPOSITE	5/16	8.0 TTG		U A	6347	COMP+CAN	1/4	6.0 TPG (s)		U A
7053	COMPOSITE	3/8	10.0 TTG		U A	6350	COMP+CAN	1/2	12.0 TPG (s)		U A
7054	COMPOSITE	1/2	12.0 TTG		U A	Solar Seal Massachusetts ; South Easton, MA					
7055	COMPOSITE	*	15.0 TTG (4)		U A	3001	COMPOSITE	1/8	3.0 TTG		U A
7056	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A	1871	COMPOSITE	3/16	5.0 TTG		U A
Sierra Glass Fabrication Inc. ; Sparks, NV						1035	COMPOSITE	1/4	6.0 TTG		U A
7670	COMPOSITE	1/8	3.0 TTG		U A	1036	COMPOSITE	3/8	10.0 TTG		U A
6186	COMPOSITE	3/16	5.0 TTG		U A	1037	COMPOSITE	1/2	12.0 TTG		U A
SIGCO, Inc. ; Westbrook, ME						5527	COMPOSITE	3/4	19.0 TTG		U A
2961	COMPOSITE	1/8	3.0 TTG		U A	1939	COMPOSITE	3/16	5.0 TPG (s)		U A
2962	COMPOSITE	5/32	4.0 TTG		U A	South Bay Showers, Inc. ; Santa Clara, CA					
2963	COMPOSITE	3/16	5.0 TTG		U A	7252	COMPOSITE	1/4	6.0 TTG		U A
2964	COMPOSITE	1/4	6.0 TTG		U A	7253	COMPOSITE	5/16	8.0 TTG (IN)		U A
5213	COMPOSITE	5/16	8.0 TTG		U A	6927	COMPOSITE	3/8	10.0 TTG		U A
2965	COMPOSITE	3/8	10.0 TTG		U A	6928	COMPOSITE	1/2	12.0 TTG		U A
2966	COMPOSITE	1/2	12.0 TTG		U A	7254	COMPOSITE	3/8	10.0 TPG (s)		U A
4326	COMPOSITE	5/8	16.0 TTG		U A	Southern Wholesale Glass, Inc. ; Americus, GA					
4327	COMPOSITE	3/4	19.0 TTG		U A	7349	COMPOSITE	1/4	6.0 TTG		U A
3028	COMPOSITE	3/16	5.0 TPG (m)		U A	7350	COMPOSITE	3/8	10.0 TTG		U A
4206	COMPOSITE	3/8	10.0 TPG (s)		U A	Splendor Shower Door ; Holland, OH					
6012	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	7753	COMPOSITE	5/32	4.0 TTG		U A
6013	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	7754	COMPOSITE	3/16	5.0 TTG		U A
6014	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A	7755	COMPOSITE	1/4	6.0 TTG		U A
Simonton Windows ; Ellenboro, WV						7756	COMPOSITE	3/8	10.0 TTG		U A
2887	COMPOSITE	1/8	3.0 TTG		U A	7757	COMPOSITE	1/2	12.0 TTG		U A
2888	COMPOSITE	3/16	5.0 TTG		U A	7758	COMPOSITE	5/32	4.0 TPG (s)		U A
5296	COMPOSITE	1/8	3.0 TPG (s)		U A	7759	COMPOSITE	3/16	5.0 TPG (m)		U A
Simonton Windows ; Paris, IL						7760	COMPOSITE	1/4	6.0 TPG (m)		U A
4979	COMPOSITE	1/8	3.0 TTG		U A	7761	COMPOSITE	3/8	10.0 TPG (s)		U A
4978	COMPOSITE	3/16	5.0 TTG		U A	Standard Bent Glass ; East Butler, PA					
7251	COMPOSITE	1/8	3.0 TPG (m)		U A	6300	COMP+CAN	3/16	5.0 TTG		U A
Singh Glass & Mirror Inc. dba Luso Glass Company ; Newark, NJ						6301	COMP+CAN	1/4	6.0 TTG		U A
8070	COMPOSITE	3/16	5.0 TTG		U A	6302	COMP+CAN	5/16	8.0 TTG		U A
8071	COMPOSITE	1/4	6.0 TTG		U A	6303	COMP+CAN	3/8	10.0 TTG		U A
8072	COMPOSITE	3/8	10.0 TTG		U A	6304	COMP+CAN	1/2	12.0 TTG		U A
8073	COMPOSITE	1/2	12.0 TTG		U A	7674	COMP+CAN	1/4	6.0 TBG		U A
8074	COMPOSITE	5/8	16.0 TTG		U A	7675	COMP+CAN	5/16	8.0 TBG		U A
8075	COMPOSITE	3/4	19.0 TTG		U A	7676	COMP+CAN	3/8	10.0 TBG		U A
Sisecam Flat Glass Italy S.r.l. ; S. Giorgio Di Nogaro, Udine						7677	COMP+CAN	1/2	12.0 TBG		U A
8132	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A	7537	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
8133	COMP+CAN	(H)	8-12 LTG (b)(A)	(.015)	U A	6305	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
Sky Land Tempering Glass Corp ; Long Island City, NY						7538	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.035)	U A
5467	COMPOSITE	3/16	5.0 TTG		U A	6306	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
5468	COMPOSITE	1/4	6.0 TTG		U A	Stargrup Cam A.S. ; Arnautkoy, Istanbul					
5469	COMPOSITE	3/8	10.0 TTG		U A	8219	COMPOSITE	5/32	4.0 TTG		U A
5470	COMPOSITE	1/2	12.0 TTG		U A	8220	COMPOSITE	3/16	5.0 TTG		U A
						6204	COMPOSITE	1/4	6.0 TTG		U A
						7579	COMPOSITE	5/16	8.0 TTG		U A
						6205	COMPOSITE	3/8	10.0 TTG		U A
						6206	COMPOSITE	1/2	12.0 TTG		U A
						8221	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A
						6207	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.015)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Strong Tempering Glass Industry LLC ; Brooklyn, NY						Tai Sheng (Dong Guan) Glass Co.,Ltd ; Dongguan, Guangdong, China					
5939	COMPOSITE	3/16	5.0 TTG		U A	6140	COMP+CAN	1/8	3.0 TTG		U A
5940	COMPOSITE	1/4	6.0 TTG		U A	4870	COMP+CAN	5/32	4.0 TTG		U A
5942	COMPOSITE	3/8	10.0 TTG		U A	5487	COMP+CAN	3/16	5.0 TTG		U A
5941	COMPOSITE	1/2	12.0 TTG		U A	4872	COMP+CAN	1/4	6.0 TTG		U A
Sunfire Glass, Inc. ; Medley, FL						Technical Glass Company ; Jeddah, Western					
7036	COMPOSITE	3/16	5.0 TTG		U A	7952	COMP+CAN	1/4	6.0 TTG		U A
7033	COMPOSITE	1/4	6.0 TTG		U A	7953	COMP+CAN	5/16	8.0 TTG		U A
7037	COMPOSITE	3/8	10.0 TTG		U A	7954	COMP+CAN	3/8	10.0 TTG		U A
7405	COMPOSITE	1/2	12.0 TTG		U A	7955	COMP+CAN	*	12.0 TTG (7)		U A
7038	COMPOSITE	3/16	5.0 TPG (s)		U A	7956	COMP+CAN	(H)	8,12-16+ LTG (b)(A)	(.030)	U A
Sunglas Technics Co., Ltd. ; Foshan, Guangdong, China						Techni-Glass, Inc. ; Surgoinville, TN					
8090	COMPOSITE	1/4	6.0 TTG		U A	2547	COMP+CAN	1/8	3.0 TTG		U A
Swift Glass Co., Inc. ; Elmira Heights, NY						Tecnoglass S.A.S. ; Barranquilla, Colombia					
1555	COMPOSITE	1/8	3.0 TTG		U A	2548	COMP+CAN	5/32	4.0 TTG		U A
1556	COMPOSITE	3/16	5.0 TTG		U A	2549	COMP+CAN	3/16	5.0 TTG		U A
1557	COMPOSITE	1/4	6.0 TTG		U A	2975	COMP+CAN	1/4	6.0 TTG		U A
1558	COMPOSITE	3/8	10.0 TTG		U A	3062	COMP+CAN	3/8	10.0 TTG		U A
1559	COMPOSITE	1/2	12.0 TTG		U A	4509	COMP+CAN	1/2	12.0 TTG		U A
Syracuse Glass Company, LLC ; Syracuse, NY						Tacoma Glass Mfg. Inc. ; Burlington, WA					
2654	COMP+CAN	1/8	3.0 TTG		U A	5165	COMPOSITE	1/4	6.0 TTG		U A
2957	COMP+CAN	3/16	5.0 TTG		U A	5166	COMPOSITE	3/8	10.0 TTG		U A
2656	COMP+CAN	1/4	6.0 TTG		U A	5167	COMPOSITE	1/2	12.0 TTG		U A
2958	COMP+CAN	3/8	10.0 TTG		U A	Tacoma Glass Mfg. Inc. ; Tacoma, WA					
2657	COMP+CAN	1/2	12.0 TTG		U A	8188	COMPOSITE	1/4	6.0 TTG		U A
6391	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	8189	COMPOSITE	3/8	10.0 TTG		U A
6393	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A	8190	COMPOSITE	1/2	12.0 TTG		U A
6392	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	8186	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
Tacoma Glass Mfg. Inc. ; Burlington, WA						Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong, China					
5165	COMPOSITE	1/4	6.0 TTG		U A	3787	COMP+CAN	1/8	3.0 TTG		U A
5166	COMPOSITE	3/8	10.0 TTG		U A	Tecnovidrio S.A. de C.V. ; Colonia Granjas Mexico, Delegacion Iztacalco					
5167	COMPOSITE	1/2	12.0 TTG		U A	7272	COMP+CAN	1/4	6.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Tacoma, WA						TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps Mexico					
8188	COMPOSITE	1/4	6.0 TTG		U A	7273	COMP+CAN	3/8	10.0 TTG		U A
8189	COMPOSITE	3/8	10.0 TTG		U A	7274	COMP+CAN	1/2	12.0 TTG		U A
8190	COMPOSITE	1/2	12.0 TTG		U A	7275	COMP+CAN	3/4	19.0 TTG		U A
8186	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	7256	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
8187	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A	8156	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.015)	U A
Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong, China						TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps Mexico					
3787	COMP+CAN	1/8	3.0 TTG		U A	8051	COMPOSITE	3/8	10.0 TTG		U A
						8050 COMPOSITE 1/2 12.0 TTG U A					

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Temp Glass Inc. ; El Paso, TX						Thermal Seal Insulating Glass ; Uxbridge, MA					
6698	COMPOSITE	3/16	5.0 TTG		U A	5731	COMPOSITE	1/8	3.0 TTG		U A
6699	COMPOSITE	1/4	6.0 TTG		U A	5732	COMPOSITE	5/32	4.0 TTG		U A
6700	COMPOSITE	3/8	10.0 TTG		U A	5733	COMPOSITE	3/16	5.0 TTG		U A
6701	COMPOSITE	1/2	12.0 TTG		U A	5734	COMPOSITE	1/4	6.0 TTG		U A
Tempco Glass ; Flushing, NY						Thermalsun Glass Products ; Santa Rosa, CA					
6715	COMPOSITE	1/8	3.0 TTG		U A	5735	COMPOSITE	3/8	10.0 TTG		U A
5010	COMPOSITE	3/16	5.0 TTG		U A	5736	COMPOSITE	1/2	12.0 TTG		U A
5011	COMPOSITE	1/4	6.0 TTG		U A	5730	COMPOSITE	1/8	3.0 TPG (s)		U A
7285	COMPOSITE	5/16	8.0 TTG		U A	Thermo BSL ; Riviere-du-loup, QC					
5012	COMPOSITE	3/8	10.0 TTG		U A	4290	COMP+CAN	1/8	3.0 TTG		U A
5013	COMPOSITE	1/2	12.0 TTG		U A	4291	COMP+CAN	5/32	4.0 TTG		U A
Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato, Mexico						Thermo Glas Werk GmbH ; Wermisdorf, Germany					
6170	COMP+CAN	(H)	10 LTG (b)(A)	(.060)	U A	4292	COMP+CAN	3/16	5.0 TTG		U A
6019	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A	4293	COMP+CAN	1/4	6.0 TTG		U A
Templados Industriales S.A. de C.V. ; Chihuahua, Mexico						Thompson I.G. LLC. ; Fenton, MI					
7880	COMPOSITE	1/4	6.0 TTG		U A	5303	COMP+CAN	1/8	3.0 TTG		U A
7881	COMPOSITE	3/8	10.0 TTG		U A	5304	COMP+CAN	3/16	5.0 TTG		U A
Tengzhou Fenghua Glass Co., LTD ; Tengzhou, China						Tianjin CSG Energy Conservation Glass Co., Ltd ; Tianjin, China					
6418	COMP+CAN	3/16	5.0 TTG		U A	4021	COMP+CAN	5/32	4.0 TTG		U A
6419	COMP+CAN	1/4	6.0 TTG		U A	4022	COMP+CAN	3/16	5.0 TTG		U A
6420	COMP+CAN	5/16	8.0 TTG		U A	4023	COMP+CAN	1/4	6.0 TTG		U A
6421	COMP+CAN	3/8	10.0 TTG		U A	4024	COMP+CAN	5/16	8.0 TTG		U A
6422	COMP+CAN	1/2	12.0 TTG		U A	4025	COMP+CAN	3/8	10.0 TTG		U A
6424	COMP+CAN	5/32	4.0 TPG (s)		U A	4026	COMP+CAN	1/2	12.0 TTG		U A
6425	COMP+CAN	3/16	5.0 TPG (s)		U A	4027	COMP+CAN	*	15.0 TTG (4)		U A
6426	COMP+CAN	1/4	6.0 TPG (s)		U A	4028	COMP+CAN	3/4	19.0 TTG		U A
6427	COMP+CAN	3/8	10.0 TPG (s)		U A	4030	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
7936	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	Tianjin Northglass Industrial Technical Co., Ltd ; Tianjin, China					
TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong Province						The Original Frameless Shower Door ; Coral Springs, FL					
8194	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	4662	COMPOSITE	3/8	10.0 TTG		U A
TG Taicang Architectural Glass Co. Ltd ; Taicang City, Jiangsu						Thermafex A.J. Inc. ; Baie St. Paul, QC					
7446	COMP+CAN	3/16	5.0 TTG		U A	4663	COMPOSITE	1/2	12.0 TTG		U A
7447	COMP+CAN	1/4	6.0 TTG		U A	8326	COMP+CAN	1/8	3.0 TTG		U A
7448	COMP+CAN	5/16	8.0 TTG		U A	8327	COMP+CAN	5/32	4.0 TTG		U A
7449	COMP+CAN	3/8	10.0 TTG		U A	8328	COMP+CAN	3/16	5.0 TTG		U A
7450	COMP+CAN	1/2	12.0 TTG		U A	8329	COMP+CAN	1/4	6.0 TTG		U A
7432	COMP+CAN	(H)	8 LTG (b)(A)	(.090)	U A	8330	COMP+CAN	3/8	10.0 TTG		U A
7058	COMP+CAN	(H)	8 LTG (ip)(A)	(.090)	U A	8324	COMP+CAN	1/8	3.0 TPG (m)		U A
7433	COMP+CAN	(H)	10-12 LTG (b)(A)	(.060)	U A	8325	COMP+CAN	3/16	5.0 TPG (s)		U A
6774	COMP+CAN	(H)	10 LTG (ip)(A)	(.035)	U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Tianjin SYP Engineering Glass Co., Ltd. ; Tianjin, China						Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, QC					
4075	COMP+CAN	3/16	5.0 TTG		U A	6061	COMP+CAN	3/16	5.0 TTG		U A
4076	COMP+CAN	1/4	6.0 TTG		U A	6062	COMP+CAN	1/4	6.0 TTG		U A
4077	COMP+CAN	5/16	8.0 TTG		U A	6063	COMP+CAN	5/16	8.0 TTG		U A
4078	COMP+CAN	3/8	10.0 TTG		U A	6064	COMP+CAN	3/8	10.0 TTG		U A
4079	COMP+CAN	*	12.0 TTG (4)		U A	6065	COMP+CAN	1/2	12.0 TTG		U A
4080	COMP+CAN	*	15.0 TTG (4)		U A	6066	COMP+CAN	5/8	16.0 TTG		U A
4081	COMP+CAN	3/4	19.0 TTG		U A	6067	COMP+CAN	3/4	19.0 TTG		U A
4084	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	Trulite Glass and Aluminum Solutions ; Aurora, CO					
8035	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.035)	U A	5341	COMPOSITE	1/8	3.0 TTG		U A
Tomakk Glass Partners, LLC ; Shreveport, LA						5348	COMPOSITE	5/32	4.0 TTG		U A
7736	COMP+CAN	1/8	3.0 TTG		U A	6613	COMPOSITE	3/16	5.0 TTG		U A
7737	COMP+CAN	3/16	5.0 TTG		U A	5343	COMPOSITE	1/4	6.0 TTG		U A
7738	COMP+CAN	1/4	6.0 TTG		U A	5344	COMPOSITE	3/8	10.0 TTG		U A
7739	COMP+CAN	3/8	10.0 TTG		U A	5345	COMPOSITE	1/2	12.0 TTG		U A
7740	COMP+CAN	1/2	12.0 TTG		U A	5346	COMPOSITE	3/4	19.0 TTG		U A
Trakya Glass Bulgaria EAD ; Targovishte, Bulgaria						5349	COMPOSITE	3/16	5.0 TPG (m)		U A
8203	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U A	5350	COMPOSITE	3/8	10.0 TPG (s)		U A
8204	COMP+CAN	(H)	8-12 LTG (b)(A)	(.015)	U A	Trulite Glass and Aluminum Solutions ; Bradenton, FL					
Tristar Glass, Inc. ; Catoosa, OK						8240	COMPOSITE	1/8	3.0 TTG		U A
4004	COMPOSITE	1/8	3.0 TTG		U A	5860	COMPOSITE	3/16	5.0 TTG		U A
4005	COMPOSITE	5/32	4.0 TTG		U A	4225	COMPOSITE	1/4	6.0 TTG		U A
4006	COMPOSITE	3/16	5.0 TTG		U A	4226	COMPOSITE	3/8	10.0 TTG		U A
4007	COMPOSITE	1/4	6.0 TTG		U A	4227	COMPOSITE	1/2	12.0 TTG		U A
7072	COMPOSITE	5/16	8.0 TTG		U A	7998	COMPOSITE	5/8	16.0 TTG		U A
4008	COMPOSITE	3/8	10.0 TTG		U A	7999	COMPOSITE	3/4	19.0 TTG		U A
4009	COMPOSITE	1/2	12.0 TTG		U A	6189	COMPOSITE	3/16	5.0 TPG (d)		U A
7073	COMPOSITE	3/4	19.0 TTG		U A	6190	COMPOSITE	3/8	10.0 TPG (s)		U A
7590	COMPOSITE	5/32	4.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Cheswick, PA					
4011	COMPOSITE	3/16	5.0 TPG (m)		U A	1785	COMPOSITE	3/16	5.0 TTG		U A
5441	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	1786	COMPOSITE	1/4	6.0 TTG		U A
4411	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A	3495	COMPOSITE	5/16	8.0 TTG		U A
Tristar Glass, Inc. ; Grand Prairie, TX						1787	COMPOSITE	3/8	10.0 TTG		U A
5109	COMPOSITE	1/4	6.0 TTG		U A	1788	COMPOSITE	1/2	12.0 TTG		U A
Tristar Glass, Inc. ; Houston, TX						4134	COMPOSITE	5/8	16.0 TTG		U A
5762	COMPOSITE	1/4	6.0 TTG		U A	4135	COMPOSITE	3/4	19.0 TTG		U A
7080	COMPOSITE	5/16	8.0 TTG		U A	1790	COMPOSITE	3/16	5.0 TPG (s)		U A
7081	COMPOSITE	3/8	10.0 TTG		U A	4453	COMPOSITE	3/8	10.0 TPG (s)		U A
Triton Glass LLC ; Albemarle, NC						Trulite Glass and Aluminum Solutions ; City of Industry, CA					
5690	COMPOSITE	1/8	3.0 TTG		U A	4184	COMPOSITE	3/16	5.0 TTG		U A
5691	COMPOSITE	3/16	5.0 TTG		U A	4185	COMPOSITE	1/4	6.0 TTG		U A
5692	COMPOSITE	1/4	6.0 TTG		U A	4186	COMPOSITE	3/8	10.0 TTG		U A
5693	COMPOSITE	3/8	10.0 TTG		U A	4187	COMPOSITE	1/2	12.0 TTG		U A
5694	COMPOSITE	1/2	12.0 TTG		U A	4522	COMPOSITE	5/8	16.0 TTG		U A
Troy Systems LLC ; Manassas, VA						4371	COMPOSITE	3/4	19.0 TTG		U A
4918	COMPOSITE	3/16	5.0 TTG		U A	4233	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
4061	COMPOSITE	1/4	6.0 TTG		U A	6010	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A
4062	COMPOSITE	3/8	10.0 TTG		U A	6011	COMPOSITE	(H)	10-16+ LTG (ip)(A)	(.060)	U A
4063	COMPOSITE	1/2	12.0 TTG		U A						
5123	COMPOSITE	3/8	10.0 TPG (s)		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Trulite Glass and Aluminum Solutions ; Columbus, OH						Trulite Glass and Aluminum Solutions ; Indianapolis, IN					
4745	COMPOSITE	1/8	3.0 TTG		U A	4922	COMPOSITE	3/16	5.0 TTG		U A
4746	COMPOSITE	3/16	5.0 TTG		U A	4923	COMPOSITE	1/4	6.0 TTG		U A
4747	COMPOSITE	1/4	6.0 TTG		U A	4754	COMPOSITE	3/8	10.0 TTG		U A
6159	COMPOSITE	3/8	10.0 TTG		U A	4753	COMPOSITE	1/2	12.0 TTG		U A
4748	COMPOSITE	1/2	12.0 TTG		U A	7086	COMPOSITE	5/8	16.0 TTG		U A
6165	COMPOSITE	1/8	3.0 TPG (m)		U A	4750	COMPOSITE	3/16	5.0 TPG (s)		U A
6166	COMPOSITE	5/32	4.0 TPG (d)		U A	Trulite Glass and Aluminum Solutions ; Knoxville, TN					
6167	COMPOSITE	3/16	5.0 TPG (m)		U A	4209	COMPOSITE	1/8	3.0 TTG		U A
6168	COMPOSITE	1/4	6.0 TPG (m)		U A	4827	COMPOSITE	5/32	4.0 TTG		U A
6169	COMPOSITE	3/8	10.0 TPG (s)		U A	4152	COMPOSITE	3/16	5.0 TTG		U A
7460	COMPOSITE (S)		6 LTG (ip)(A)	(.035)	U A	4153	COMPOSITE	1/4	6.0 TTG		U A
7459	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	4158	COMPOSITE	3/8	10.0 TTG		U A
7461	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A	4159	COMPOSITE	1/2	12.0 TTG		U A
7525	COMPOSITE (H)		8-16+ LTG (ip)(A)	(.035)	U A	4207	COMPOSITE	1/8	3.0 TPG (m)		U A
Trulite Glass and Aluminum Solutions ; Fort Worth, TX						4981	COMPOSITE	5/32	4.0 TPG (d)		U A
5397	COMPOSITE	5/32	4.0 TTG		U A	4160	COMPOSITE	3/16	5.0 TPG (d)		U A
5398	COMPOSITE	3/16	5.0 TTG		U A	5134	COMPOSITE	3/8	10.0 TPG (m)		U A
5399	COMPOSITE	1/4	6.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Las Vegas, NV					
5400	COMPOSITE	3/8	10.0 TTG		U A	4210	COMPOSITE	1/8	3.0 TTG		U A
5401	COMPOSITE	1/2	12.0 TTG		U A	4212	COMPOSITE	3/16	5.0 TTG		U A
6389	COMPOSITE	5/8	16.0 TTG		U A	4213	COMPOSITE	1/4	6.0 TTG		U A
6388	COMPOSITE	3/4	19.0 TTG		U A	4214	COMPOSITE	3/8	10.0 TTG		U A
5404	COMPOSITE	3/16	5.0 TPG (m)		U A	4215	COMPOSITE	1/2	12.0 TTG		U A
5405	COMPOSITE	3/8	10.0 TPG (m)		U A	4216	COMPOSITE	3/4	19.0 TTG		U A
3603	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	4217	COMPOSITE	1/8	3.0 TPG (s)		U A
5783	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A	4219	COMPOSITE	3/16	5.0 TPG (m)		U A
5728	COMPOSITE (H)		8-16+ LTG (ip)(A)	(.035)	U A	4220	COMPOSITE	1/4	6.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; Grenada, MS						4221	COMPOSITE	3/8	10.0 TPG (s)		U A
2787	COMPOSITE	1/8	3.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Lithia Springs, GA					
2788	COMPOSITE	3/16	5.0 TTG		U A	6102	COMP+CAN	3/16	5.0 TTG		U A
2789	COMPOSITE	1/4	6.0 TTG		U A	6103	COMP+CAN	1/4	6.0 TTG		U A
2840	COMPOSITE	3/8	10.0 TTG		U A	6104	COMP+CAN	3/8	10.0 TTG		U A
6769	COMPOSITE (S)		5 LTG (b)(A)	(.030)	U A	6105	COMP+CAN	1/2	12.0 TTG		U A
6760	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	6106	COMP+CAN	5/8	16.0 TTG		U A
7014	COMPOSITE (H)		8 LTG (b)(A)	(.090)	U A	6107	COMP+CAN	3/4	19.0 TTG		U A
6615	COMPOSITE (H)		8 LTG (b)(A)	(.060)	U A	6113	COMP+CAN	3/16	5.0 TPG (m)		U A
5898	COMPOSITE (H)		10-12 LTG (ip)(A)	(.035)	U A	6114	COMP+CAN	1/4	6.0 TPG (m)(IN)		U A
4744	COMPOSITE (H)		10-16+ LTG (b)(A)	(.030)	U A	6115	COMP+CAN	3/8	10.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; Houston, TX						6108	COMP+CAN (S)		6 LTG (b)(A)	(.030)	U A
5432	COMP+CAN	1/8	3.0 TTG		U A	6110	COMP+CAN (S)		6 LTG (ip)(A)(IN)	(.060)	U A
7018	COMP+CAN	5/32	4.0 TTG		U A	7563	COMP+CAN (H)		8-16+ LTG (b)(A)	(.030)	U A
3925	COMP+CAN	3/16	5.0 TTG		U A	7564	COMP+CAN (H)		8-16+ LTG (ip)(A)	(.060)	U A
5483	COMP+CAN	1/4	6.0 TTG		U A	Trulite Glass and Aluminum Solutions ; New Berlin, WI					
3927	COMP+CAN	3/8	10.0 TTG		U A	5876	COMPOSITE	1/8	3.0 TTG		U A
3928	COMP+CAN	1/2	12.0 TTG		U A	5318	COMPOSITE	3/16	5.0 TTG		U A
5477	COMP+CAN	5/8	16.0 TTG		U A	5877	COMPOSITE	1/4	6.0 TTG		U A
7828	COMP+CAN	3/4	19.0 TTG		U A	5320	COMPOSITE	5/16	8.0 TTG		U A
5433	COMP+CAN	1/8	3.0 TPG (s)		U A	5321	COMPOSITE	3/8	10.0 TTG		U A
3931	COMP+CAN	3/16	5.0 TPG (m)		U A	5322	COMPOSITE	1/2	12.0 TTG		U A
5434	COMP+CAN (S)		6 LTG (b)(A)	(.030)	U A	5896	COMPOSITE	5/8	16.0 TTG		U A
6741	COMP+CAN (H)		8-16+ LTG (b)(A)	(.030)	U A	5897	COMPOSITE	3/4	19.0 TTG		U A
6742	COMP+CAN (H)		10-16+ LTG (ip)(A)	(.035)	U A	3430	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A
						5937	COMPOSITE (H)		8-16+ LTG (ip)(A)	(.060)	U A
						5936	COMPOSITE (H)		8-12 LTG (b)(A)	(.030)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Trulite Glass and Aluminum Solutions ; Orlando, FL						Trulite Glass and Aluminum Solutions ; Youngsville, NC					
5183	COMPOSITE	1/8	3.0 TTG		U A	5517	COMPOSITE	5/32	4.0 TTG		U A
5185	COMPOSITE	3/16	5.0 TTG		U A	5273	COMPOSITE	3/16	5.0 TTG		U A
5184	COMPOSITE	1/4	6.0 TTG		U A	5274	COMPOSITE	1/4	6.0 TTG		U A
5186	COMPOSITE	3/8	10.0 TTG		U A	5518	COMPOSITE	5/16	8.0 TTG		U A
5187	COMPOSITE	1/2	12.0 TTG		U A	5275	COMPOSITE	3/8	10.0 TTG		U A
5680	COMPOSITE	5/8	16.0 TTG		U A	5276	COMPOSITE	1/2	12.0 TTG		U A
5189	COMPOSITE	1/8	3.0 TPG (s)		U A	6009	COMPOSITE	5/8	16.0 TTG		U A
5190	COMPOSITE	3/16	5.0 TPG (m)		U A	5277	COMPOSITE	3/4	19.0 TTG		U A
5191	COMPOSITE	1/4	6.0 TPG (m)		U A	5279	COMPOSITE	3/16	5.0 TPG (m)		U A
5192	COMPOSITE	3/8	10.0 TPG (s)		U A	6187	COMPOSITE	3/8	10.0 TPG (s)		U A
3461	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A	7951	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A
5484	COMPOSITE (H)		8-16+ LTG (b)(A)	(.030)	U A	7599	COMPOSITE (H)		8.0 LTG (b)(A)	(.030)	U A
5485	COMPOSITE (H)		10-12 LTG (ip)(A)	(.060)	U A	7705	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.060)	U A
Trulite Glass and Aluminum Solutions ; Phoenix, AZ						Türkiye Şişe ve CamFabrikaları A.Ş. ŞişecamDüzcam Bursa FabrikasıSubesi ; Yenişehir/Bursa					
5701	COMPOSITE	5/32	4.0 TTG (IN)		U A	8193	COMP+CAN (H)		10-12 LTG (b)(A)	(.015)	U A
5702	COMPOSITE	3/16	5.0 TTG (IN)		U A	TVITEC ; Cubillo del Sil, Spain					
5746	COMPOSITE	1/4	6.0 TTG (IN)		U A	7573	COMP+CAN (H)		10 LTG (b)(A)	(.060)	U A
5703	COMPOSITE	3/8	10.0 TTG (IN)		U A	7370	COMP+CAN (H)		10-16+ LTG (b)(A)	(.030)	U A
5704	COMPOSITE	1/2	12.0 TTG (IN)		U A	5519	COMP+CAN (H)		12, 16+ LTG (ip)(A)	(.030)	U A
7002	COMPOSITE	3/4	19.0 TTG (IN)		U A	Tweddells Inc. ; Santa Ana, CA					
7878	COMPOSITE	5/32	4.0 TPG (d)(IN)		U A	5384	COMP+CAN	1/8	3.0 TTG		U A
5706	COMPOSITE	3/16	5.0 TPG (m)(IN)		U A	4993	COMP+CAN	3/16	5.0 TTG		U A
6759	COMPOSITE	1/4	6.0 TPG (m)(IN)		U A	5385	COMP+CAN	1/4	6.0 TTG		U A
5747	COMPOSITE	3/8	10.0 TPG (m)(IN)		U A	5386	COMP+CAN	3/8	10.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Salt Lake City, UT						U.S. Glass Distributors Inc. ; Enfield, CT					
6447	COMPOSITE	1/8	3.0 TTG		U A	5921	COMP+CAN	1/8	3.0 TTG		U A
5337	COMPOSITE	3/16	5.0 TTG		U A	5922	COMP+CAN	3/16	5.0 TTG		U A
5338	COMPOSITE	1/4	6.0 TTG		U A	5923	COMP+CAN	1/4	6.0 TTG		U A
5339	COMPOSITE	3/8	10.0 TTG		U A	5924	COMP+CAN	5/16	8.0 TTG		U A
5340	COMPOSITE	1/2	12.0 TTG		U A	5925	COMP+CAN	3/8	10.0 TTG		U A
7580	COMPOSITE	5/8	16.0 TTG		U A	5926	COMP+CAN	1/2	12.0 TTG		U A
6006	COMPOSITE	3/16	5.0 TPG (m)		U A	5927	COMP+CAN	5/8	16.0 TTG		U A
6007	COMPOSITE	1/4	6.0 TPG (m)		U A	6157	COMP+CAN	3/4	19.0 TTG		U A
6008	COMPOSITE	3/8	10.0 TPG (s)		U A	5917	COMP+CAN	5/32	4.0 TPG (d)		U A
Trulite Glass and Aluminum Solutions ; Tulsa, OK						Uniglass ; Riyadh, Saudi Arabia					
5687	COMPOSITE	1/8	3.0 TTG		U A	5918	COMP+CAN	3/16	5.0 TPG (m)		U A
5443	COMPOSITE	5/32	4.0 TTG		U A	5920	COMP+CAN	3/8	10.0 TPG (s)(IN)		U A
5444	COMPOSITE	3/16	5.0 TTG		U A	7619	COMP+CAN (S)		6 LTG (ip)(A)	(.035)	U A
5445	COMPOSITE	1/4	6.0 TTG		U A	6864	COMP+CAN (H)		10,16+ LTG (ip)(A)	(.035)	U A
5446	COMPOSITE	3/8	10.0 TTG		U A	Uniglass ; Riyadh, Saudi Arabia					
5447	COMPOSITE	1/2	12.0 TTG		U A	7029	COMPOSITE	1/4	6.0 TTG		U A
5688	COMPOSITE	1/8	3.0 TPG (s)		U A	7030	COMPOSITE	5/16	8.0 TTG		U A
5448	COMPOSITE	5/32	4.0 TPG (d)		U A	7031	COMPOSITE	3/8	10.0 TTG		U A
5449	COMPOSITE	3/16	5.0 TPG (m)		U A	7032	COMPOSITE *		12.0 TTG (7)		U A
5451	COMPOSITE	3/8	10.0 TPG (s)		U A	7462	COMPOSITE (H)		12 LTG (b)(A)	(.030)	U A
Trulite Glass and Aluminum Solutions ; Woodbridge, ON											
5507	COMP+CAN	5/32	4.0 TTG		U A						
5508	COMP+CAN	3/16	5.0 TTG		U A						
5509	COMP+CAN	1/4	6.0 TTG		U A						
5510	COMP+CAN	5/16	8.0 TTG		U A						
5511	COMP+CAN	3/8	10.0 TTG		U A						
5782	COMP+CAN	1/2	12.0 TTG		U A						
5631	COMP+CAN (S)		6 LTG (b)(A)	(.030)	U A						
7290	COMP+CAN (H)		8-16+ LTG (b)(A)	(.030)	U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
United Plate Glass Co., Inc. ; Butler, PA						US Glass Tempering Inc. ; San Leandro, CA					
2467	COMP+CAN	1/8	3.0 TTG		U A	7156	COMPOSITE	1/8	3.0 TTG		U A
2468	COMP+CAN	3/16	5.0 TTG		U A	7158	COMPOSITE	5/32	4.0 TTG		U A
2469	COMP+CAN	1/4	6.0 TTG		U A	7159	COMPOSITE	3/16	5.0 TTG		U A
2470	COMP+CAN	3/8	10.0 TTG		U A	7157	COMPOSITE	1/4	6.0 TTG		U A
2471	COMP+CAN	1/2	12.0 TTG		U A	7160	COMPOSITE	3/8	10.0 TTG		U A
6375	COMP+CAN	5/32	4.0 TPG (m)		U A	7161	COMPOSITE	1/2	12.0 TTG		U A
6224	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	7996	COMPOSITE	3/8	10.0 TPG (s)		U A
6250	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	Valentini Glass & Components srl ; Brescia, Italy					
6251	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	2423	COMPOSITE	5/32	4.0 TTG		U A
6225	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	7825	COMPOSITE	3/16	5.0 TTG		U A
United Plate Glass Company of Charlotte ; Lincolnton, NC						6816	COMPOSITE	1/2	12.0 TTG		U A
3948	COMP+CAN	1/8	3.0 TTG		U A	4246	COMPOSITE	5/32	4.0 TBG		U A
4197	COMPOSITE	5/32	4.0 TTG		U A	7826	COMPOSITE	3/16	5.0 TBG		U A
3949	COMP+CAN	3/16	5.0 TTG		U A	2898	COMPOSITE	1/4	6.0 TBG		U A
3950	COMP+CAN	1/4	6.0 TTG		U A	Vanbo Glass Industries Inc. ; Surrey, BC					
3951	COMP+CAN	3/8	10.0 TTG		U A	8068	COMP+CAN	1/4	6.0 TTG		U A
3952	COMP+CAN	1/2	12.0 TTG		U A	8069	COMP+CAN	1/2	12.0 TTG		U A
3954	COMP+CAN	1/8	3.0 TPG (s)		U A	Velocity an Apogee Company ; Dallas, TX					
4636	COMPOSITE	5/32	4.0 TPG (m)		U A	7650	COMP+CAN	3/16	5.0 TTG		U A
3955	COMP+CAN	3/16	5.0 TPG (s)		U A	7651	COMP+CAN	1/4	6.0 TTG		U A
United Plate Glass of Maryland LLC ; Frederick, MD						Vetzeria F. Illi Paci S.R.L. ; Seregno MB Italy					
7889	COMP+CAN	3/16	5.0 TTG		U A	8105	COMPOSITE	1/4	6.0 TTG		U A
7890	COMP+CAN	1/4	6.0 TTG		U A	7855	COMPOSITE	5/16	8.0 TTG		U A
7891	COMP+CAN	3/8	10.0 TTG		U A	7856	COMPOSITE	3/8	10.0 TTG		U A
7892	COMP+CAN	1/2	12.0 TTG		U A	7857	COMPOSITE	1/2	12.0 TTG		U A
Unitex Glass Chengdu Co., Ltd ; Chendu, Sichuan, China						7854	COMPOSITE	(H)	10-12 LTG (ev)(A)	(.030)	U A
5462	COMP+CAN	1/8	3.0 TTG		U A	Vetrodomus SpA ; Brescia, Italy					
5463	COMP+CAN	5/32	4.0 TTG		U A	7492	COMPOSITE	1/4	6.0 TTG		U A
5407	COMP+CAN	3/16	5.0 TTG		U A	7493	COMPOSITE	5/16	8.0 TTG		U A
5408	COMP+CAN	1/4	6.0 TTG		U A	7494	COMPOSITE	3/8	10.0 TTG		U A
6519	COMP+CAN	5/16	8.0 TTG		U A	7495	COMPOSITE	(H)	8,10 LTG (b)(A)	(.030)	U A
5414	COMP+CAN	3/8	10.0 TTG		U A	Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon, Mexico					
6520	COMP+CAN	1/2	12.0 TTG		U A	4966	COMP+CAN	1/4	6.0 TTG		U A
Upstate Glass Tempering Inc. ; Middletown, NY						4967	COMP+CAN	3/8	10.0 TTG		U A
4926	COMPOSITE	1/8	3.0 TTG		U A	Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon					
5157	COMPOSITE	1/4	6.0 TTG		U A	7735	COMP+CAN	1/8	3.0 TTG		U A
4927	COMPOSITE	3/8	10.0 TTG		U A	View Inc. ; Olive Branch, MS					
5158	COMPOSITE	1/2	12.0 TTG		U A	4725	COMPOSITE	1/8	3.0 TTG		U A
6743	COMPOSITE	5/8	16.0 TTG (IN)		U A	4726	COMPOSITE	5/32	4.0 TTG		U A
US Glass Company ; Philadelphia, PA						7961	COMPOSITE	3/16	5.0 TTG		U A
7692	COMPOSITE	5/32	4.0 TTG		U A	4728	COMPOSITE	1/4	6.0 TTG		U A
7693	COMPOSITE	3/16	5.0 TTG		U A	7107	COMPOSITE	5/16	8.0 TTG		U A
7660	COMPOSITE	1/4	6.0 TTG		U A	7108	COMPOSITE	3/8	10.0 TTG		U A
7661	COMPOSITE	3/8	10.0 TTG		U A	6390	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
7662	COMPOSITE	1/2	12.0 TTG		U A	8217	COMPOSITE	(H)	8 LTG (ip)(A)	(.060)	U A
7864	COMPOSITE	*	15.0 TTG (4)		U A	7711	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
7865	COMPOSITE	3/4	19.0 TTG		U A	Viewrail ; Goshen, IN					
7821	COMPOSITE	*	5.0 TBG (4)(IN)		U A	7607	COMP+CAN	1/2	12.0 TTG		U A
7822	COMPOSITE	1/4	6.0 TBG (IN)		U A						
7823	COMPOSITE	3/8	10.0 TBG (IN)		U A						
7824	COMPOSITE	1/2	12.0 TBG (IN)		U A						
7866	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.015)	U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
Viracon Inc. ; Owatonna, MN						Vitro Flat Glass, LLC ; Carlisle, PA					
4354	COMP+CAN	5/32	4.0 TTG		U A	250	COMP+CAN	1/8	3.0 TTG		U A
1403	COMP+CAN	3/16	5.0 TTG		U A	675	COMP+CAN	5/32	4.0 TTG		U A
1404	COMP+CAN	1/4	6.0 TTG		U A	249	COMP+CAN	3/16	5.0 TTG		U A
3689	COMP+CAN	5/16	8.0 TTG		U A	382	COMP+CAN	1/4	6.0 TTG		U A
1508	COMP+CAN	3/8	10.0 TTG		U A	Vitro Flat Glass, LLC ; Wichita Falls, TX					
1509	COMP+CAN	1/2	12.0 TTG		U A	1110	COMP+CAN	1/8	3.0 TTG		U A
1637	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	1111	COMP+CAN	5/32	4.0 TTG		U A
4249	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	1112	COMP+CAN	3/16	5.0 TTG		U A
4250	COMP+CAN	(H)	12-16+ LTG (ip)(A)	(.060)	U A	1113	COMP+CAN	1/4	6.0 TTG		U A
Viracon Inc. ; Statesboro, GA						3577	COMP+CAN	5/16	8.0 TTG		U A
2314	COMP+CAN	3/16	5.0 TTG		U A	3578	COMP+CAN	3/8	10.0 TTG		U A
2310	COMP+CAN	1/4	6.0 TTG		U A	Vitrum Industries Ltd. ; Langley, BC					
4720	COMP+CAN	5/16	8.0 TTG		U A	7723	COMP+CAN	1/8	3.0 TTG		U A
2311	COMP+CAN	3/8	10.0 TTG		U A	7118	COMP+CAN	5/32	4.0 TTG		U A
7591	COMP+CAN	1/4	6.0 LTG (b)(A)	(.030)	U A	7119	COMP+CAN	3/16	5.0 TTG		U A
4779	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	7117	COMP+CAN	1/4	6.0 TTG		U A
4784	COMP+CAN	(H)	12 LTG (ip)(A)	(.090)	U A	7120	COMP+CAN	5/16	8.0 TTG		U A
Virginia Glass Products Corp. ; Ridgeway, VA						8291	COMP+CAN	3/8	10.0 TTG		U A
12	COMPOSITE	3/16	5.0 TTG (IN)		U A	7122	COMP+CAN	1/2	12.0 TTG		U A
14	COMPOSITE	1/4	6.0 TTG		U A	8292	COMP+CAN	5/8	16.0 TTG		U A
8116	COMP+CAN	5/16	8.0 TTG		U A	7381	COMP+CAN	3/4	19.0 TTG		U A
93	COMPOSITE	3/8	10.0 TTG		U A	7720	COMP+CAN	1/8	3.0 TPG (s)		U A
94	COMPOSITE	1/2	12.0 TTG		U A	7721	COMP+CAN	5/32	4.0 TPG (m)		U A
2182	COMPOSITE	5/8	16.0 TTG		U A	7722	COMP+CAN	3/16	5.0 TPG (m)		U A
95	COMPOSITE	3/4	19.0 TTG		U A	7790	COMP+CAN	1/4	6.0 TPG (m)		U A
7989	COMPOSITE	(S)	6 LTG (A)(b)	(.030)	U A	8022	COMP+CAN	1/4	6.0 TBG		U A
7990	COMPOSITE	(H)	8-16+ LTG (A)(b)	(.030)	U A	7777	COMP+CAN	3/8	10.0 TBG		U A
5194	COMPOSITE	(H)	10-16+ LTG (ip)(A)	(.035)	U A	7699	COMP+CAN	1/2	12.0 TBG		U A
Vistamatic, LLC ; Coral Springs, FL						7871	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
6535	COMPOSITE	5/32	4.0 TTG		U A	7725	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
6536	COMPOSITE	3/16	5.0 TTG		U A	7124	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
6537	COMPOSITE	1/4	6.0 TTG		U A	7726	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
6538	COMPOSITE	3/8	10.0 TTG		U A	Vitrum Industries Ltd. ; Rocky View County (Calgary)					
6539	COMPOSITE	1/2	12.0 TTG		U A	7530	COMP+CAN	5/32	4.0 TTG		U A
Vitelsa Mosquera ; Bogota, Cundinamarca, Columbia						7531	COMP+CAN	3/16	5.0 TTG		U A
7719	COMPOSITE	3/8	10.0 TTG		U A	7532	COMP+CAN	1/4	6.0 TTG		U A
7401	COMPOSITE	1/2	12.0 TTG		U A	7533	COMP+CAN	5/16	8.0 TTG		U A
6865	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	7534	COMP+CAN	3/8	10.0 TTG		U A
6866	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A	7535	COMP+CAN	1/2	12.0 TTG		U A
Vitemex ; Reynosa, Tamaulipas Mexico						8284	COMP+CAN	(H)	12 LSP (b)(A)	(.030)X2	U A
5393	COMP+CAN	1/4	6.0 TTG		U A	Viwinco, Inc. ; Morgantown, PA					
5394	COMP+CAN	3/8	10.0 TTG		U A	3074	COMPOSITE	1/8	3.0 TTG		U A
5395	COMP+CAN	1/2	12.0 TTG		U A	3405	COMPOSITE	3/16	5.0 TTG		U A
Vitalum Glass Solutions Inc. ; Altamonte Springs, FL						6803	COMPOSITE	1/8	3.0 TPG (s)		U A
7853	COMPOSITE	3/8	10.0 TTG		U A	6374	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A
8107	COMPOSITE	1/2	12.0 TTG		U A	3408	COMPOSITE	(H)	8 LTG (b)(A)	(.090)	U A
Vitro Architectural Glass ; Barrie, ON						W. A. Wilson Inc. ; Wheeling, WV					
5207	COMP+CAN	1/8	3.0 TTG		U A	4169	COMPOSITE	1/8	3.0 TTG		U A
5204	COMP+CAN	5/32	4.0 TTG		U A	4170	COMPOSITE	3/16	5.0 TTG		U A
5205	COMP+CAN	3/16	5.0 TTG		U A	4171	COMPOSITE	1/4	6.0 TTG		U A
5206	COMP+CAN	1/4	6.0 TTG		U A	8059	COMPOSITE	5/16	8.0 TTG		U A
7083	COMP+CAN	5/32	4.0 TPG (m)		U A	4172	COMPOSITE	3/8	10.0 TTG		U A
						4173	COMPOSITE	1/2	12.0 TTG		U A
						5173	COMPOSITE	1/8	3.0 TPG (d)		U A
						4175	COMPOSITE	3/16	5.0 TPG (d)		U A
						4176	COMPOSITE	3/8	10.0 TPG (s)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA						Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI					
6084	COMP+CAN	1/8	3.0 TTG		U A	5585	COMPOSITE	1/8	3.0 TTG		U A
6085	COMP+CAN	5/32	4.0 TTG		U A	5587	COMPOSITE	3/16	5.0 TTG		U A
6086	COMP+CAN	3/16	5.0 TTG		U A	5588	COMPOSITE	1/4	6.0 TTG		U A
6087	COMP+CAN	1/4	6.0 TTG		U A	5589	COMPOSITE	3/8	10.0 TTG		U A
8181	COMP+CAN	5/16	8.0 TTG		U A	5590	COMPOSITE	1/2	12.0 TTG		U A
7075	COMP+CAN	3/8	10.0 TTG		U A	5592	COMPOSITE	1/8	3.0 TPG (s)		U A
7076	COMP+CAN	1/2	12.0 TTG		U A	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
8014	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	Wolverine Glass Products, Inc. ; Wyoming, MI					
6091	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	8036	COMP+CAN	1/8	3.0 TTG		U A
7077	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	7981	COMP+CAN	5/32	4.0 TTG		U A
6092	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	7982	COMP+CAN	3/16	5.0 TTG		U A
Wexford Viking Glass Limited ; Wexford,						8037	COMP+CAN	1/4	6.0 TTG		U A
8287	COMPOSITE	1/4	6.0 TTG		U A	7983	COMP+CAN	5/16	8.0 TTG		U A
Whalley Glass Co ; Derby, CT						7984	COMP+CAN	3/8	10.0 TTG		U A
6226	COMPOSITE	1/8	3.0 TTG		U A	7985	COMP+CAN	1/2	12.0 TTG		U A
6227	COMPOSITE	3/16	5.0 TTG		U A	7986	COMP+CAN	1/8	3.0 TPG (m)		U A
6228	COMPOSITE	1/4	6.0 TTG		U A	7987	COMP+CAN	5/32	4.0 TPG (d)		U A
6229	COMPOSITE	3/8	10.0 TTG		U A	Woodbridge Glass Distribution Inc. ; Concord, Ontario					
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates						7896	COMP+CAN	1/8	3.0 TTG		U A
7085	COMPOSITE	5/32	4.0 TTG		U A	7897	COMP+CAN	5/32	4.0 TTG		U A
4598	COMPOSITE	1/4	6.0 TTG		U A	7898	COMP+CAN	3/16	5.0 TTG		U A
4597	COMPOSITE	5/16	8.0 TTG		U A	7899	COMP+CAN	1/4	6.0 TTG		U A
7477	COMPOSITE	3/8	10.0 TTG		U A	7900	COMP+CAN	5/16	8.0 TTG		U A
7260	COMPOSITE (H)		8-16+ LTG (b)(T)	(.030)	U A	7901	COMP+CAN	3/8	10.0 TTG		U A
7237	COMPOSITE (H)		8-16+ LTG (ip)(T)	(.035)	U A	7902	COMP+CAN	1/2	12.0 TTG		U A
Wholesale Glass Dist. ; Memphis, TN						7903	COMP+CAN	5/32	4.0 TPG (m)		U A
7703	COMPOSITE	1/8	3.0 TTG		U A	7904	COMP+CAN	3/16	5.0 TPG (s)		U A
4379	COMPOSITE	3/16	5.0 TTG		U A	7905	COMP+CAN	3/8	10.0 TPG (s)		U A
4380	COMPOSITE	1/4	6.0 TTG		U A	Woon-Tech Inc. ; Whitinsville, MA					
4381	COMPOSITE	3/8	10.0 TTG		U A	6364	COMP+CAN	1/8	3.0 TTG		U A
4382	COMPOSITE	1/2	12.0 TTG		U A	6365	COMP+CAN	5/32	4.0 TTG		U A
WHTB Glass, LLC ; Shirley, NY						6366	COMP+CAN	3/16	5.0 TTG		U A
7741	COMP+CAN	3/16	5.0 TTG		U A	6367	COMP+CAN	1/4	6.0 TTG		U A
7742	COMP+CAN	1/4	6.0 TTG		U A	6368	COMP+CAN	3/8	10.0 TTG		U A
7743	COMP+CAN	5/16	8.0 TTG		U A	6369	COMP+CAN	1/2	12.0 TTG		U A
7744	COMP+CAN	3/8	10.0 TTG		U A	6370	COMP+CAN	5/8	16.0 TTG		U A
7745	COMP+CAN	1/2	12.0 TTG		U A	6371	COMP+CAN	3/4	19.0 TTG		U A
7746	COMP+CAN	3/4	19.0 TTG		U A	WSD Glass, Inc. ; Winston-Salem, NC					
7747	COMP+CAN (H)		10-16+ LTG (b)(A)	(.030)	U A	4048	COMPOSITE	3/16	5.0 TTG		U A
8223	COMP+CAN (H)		10 LTG (ip)(A)	(.035)	U A	4049	COMPOSITE	1/4	6.0 TTG		U A
Window Creations, LLC ; Fort Jennings, OH						4052	COMPOSITE	3/8	10.0 TTG		U A
8127	COMP+CAN	3/16	5.0 TTG		U A	4050	COMPOSITE	1/2	12.0 TTG		U A
8128	COMP+CAN	1/4	6.0 TTG		U A	Wujiang CSG Huadong Architectural Glass Co., LTD ; Wujiang, Jiangsu, China					
8129	COMP+CAN	3/8	10.0 TTG		U A	6784	COMPOSITE	3/16	5.0 TTG		U A
8130	COMP+CAN	1/2	12.0 TTG		U A	6785	COMPOSITE	1/4	6.0 TTG		U A
WinTech ; Monett, MO						6786	COMPOSITE	5/16	8.0 TTG		U A
6433	COMP+CAN	1/8	3.0 TTG		U A	6787	COMPOSITE	3/8	10.0 TTG		U A
6434	COMP+CAN	1/4	6.0 TTG		U A	6788	COMPOSITE	1/2	12.0 TTG		U A
						6789	COMPOSITE *		15.0 TTG (4)		U A
						6790	COMPOSITE (H)		10-16+ LTG (b)(A)	(.030)	U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Wujiang Golden Glass Technologies, Ltd. ; Wujiang City, China						Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong, China					
5251	COMP+CAN	1/4	6.0 TTG		U A	3085	COMP+CAN	3/16	5.0 TTG		U A
5252	COMP+CAN	5/16	8.0 TTG		U A	3053	COMP+CAN	1/4	6.0 TTG		U A
5253	COMP+CAN	3/8	10.0 TTG		U A	4648	COMP+CAN	5/16	8.0 TTG		U A
5254	COMP+CAN	1/2	12.0 TTG		U A	3054	COMP+CAN	3/8	10.0 TTG		U A
5255	COMP+CAN	*	15.0 TTG (4)		U A	3055	COMP+CAN	*	12.0 TTG (4)		U A
5256	COMP+CAN	3/4	19.0 TTG		U A	4179	COMP+CAN	*	15.0 TTG (4)		U A
5257	COMP+CAN	(H)	8 LTG (b)(A)	(.030)	U A	3489	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
5258	COMP+CAN	(H)	10 LTG (ip)(A)	(.035)	U A	Yakut Cam A.S ; Istanbul, Sancaktepe					
Xiamen Shiner Industrial Co., Ltd. ; Xiamen, Fujian						7957	COMP+CAN	1/4	6.0 TTG		U A
7948	COMP+CAN	3/16	5.0 TTG		U A	7958	COMP+CAN	5/16	8.0 TTG		U A
7949	COMP+CAN	1/4	6.0 TTG		U A	7959	COMP+CAN	3/8	10.0 TTG		U A
7950	COMP+CAN	3/8	10.0 TTG		U A	7960	COMP+CAN	1/2	12.0 TTG		U A
Xiamen Togen Building Products Co., Ltd. ; Fujian, China						8092	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
7963	COMPOSITE	3/8	10.0 TTG		U A	Yantai Bluesky Glass Co., Ltd ; Yantai City, Shandong					
7964	COMPOSITE	1/2	12.0 TTG		U A	8288	COMPOSITE	5/32	4.0 TTG		U A
7966	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A	8289	COMPOSITE	1/4	6.0 TTG		U A
7965	COMPOSITE	(H)	16+ LTG (ip)(A)	(.035)	U A	8290	COMPOSITE	3/8	10.0 TTG		U A
Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei, China						Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong					
5979	COMP+CAN	3/16	5.0 TTG		U A	8234	COMP+CAN	3/16	5.0 TTG		U A
6004	COMP+CAN	1/4	6.0 TTG		U A	8235	COMP+CAN	1/4	6.0 TTG		U A
6005	COMP+CAN	5/16	8.0 TTG		U A	8236	COMP+CAN	3/8	10.0 TTG		U A
5980	COMP+CAN	3/8	10.0 TTG		U A	Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong, China					
5981	COMP+CAN	*	12.0 TTG (4)		U A	3736	COMP+CAN	5/32	4.0 TTG		U A
5982	COMP+CAN	*	15.0 TTG (4)		U A	3737	COMP+CAN	3/16	5.0 TTG		U A
5983	COMP+CAN	3/4	19.0 TTG		U A	3738	COMP+CAN	1/4	6.0 TTG		U A
7867	COMP+CAN	(H)	10 LTG (b)(T)	(.030)	U A	3739	COMP+CAN	5/16	8.0 TTG		U A
Xinyi Glass (Tianjin) Co. Ltd. ; Tianjin, China						3740	COMP+CAN	3/8	10.0 TTG		U A
5532	COMP+CAN	3/16	5.0 TTG		U A	3741	COMP+CAN	1/2	12.0 TTG		U A
5533	COMP+CAN	1/4	6.0 TTG		U A	3742	COMP+CAN	3/16	5.0 TBG		U A
5534	COMP+CAN	5/16	8.0 TTG		U A	3743	COMP+CAN	1/4	6.0 TBG		U A
5535	COMP+CAN	3/8	10.0 TTG		U A	Yildiz Cam San. Tic. A.S. ; Istanbul, Umraniye					
5536	COMP+CAN	1/2	12.0 TTG		U A	7923	COMPOSITE	3/8	10.0 TTG		U A
6329	COMP+CAN	*	15.0 TTG (4)		U A	7924	COMPOSITE	1/2	12.0 TTG		U A
5538	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	7925	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A
5539	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong, China					
Xinyi Glass (Yingkou) Co., Ltd. ; Liaoning, China						6452	COMP+CAN	3/16	5.0 TTG		U A
6848	COMP+CAN	1/4	6.0 TTG		U A	6453	COMP+CAN	1/4	6.0 TTG		U A
6849	COMP+CAN	5/16	8.0 TTG		U A	6454	COMP+CAN	5/16	8.0 TTG		U A
6850	COMP+CAN	3/8	10.0 TTG		U A	6455	COMP+CAN	3/8	10.0 TTG		U A
6851	COMP+CAN	*	12.0 TTG (3)		U A	6456	COMP+CAN	3/16	5.0 TBG		U A
7373	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B	6457	COMP+CAN	1/4	6.0 TBG		U A
6852	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	6458	COMP+CAN	5/16	8.0 TBG		U A
7841	COMP+CAN	(H)	8-12 LTG (b)(A)	(.015)	U B						
7842	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A						
6853	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A						

Certified Products-Alphabetical By Plant

<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>
Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong, China											
6877	COMP+CAN	5/32	4.0 TTG								U A
5890	COMP+CAN	3/16	5.0 TTG								U A
5891	COMP+CAN	1/4	6.0 TTG								U A
5892	COMP+CAN	5/16	8.0 TTG								U A
5893	COMP+CAN	3/8	10.0 TTG								U A
6878	COMP+CAN	3/16	5.0 TPG (m)								U A
7066	COMP+CAN	3/16	5.0 TBG								U A
5894	COMP+CAN	1/4	6.0 TBG								U A
6879	COMP+CAN	5/16	8.0 TBG								U A
Zhangjiagang City Daming Glass Product Co., Ltd ; Zhangjiagang City, Jiangsu											
5464	COMP+CAN	5/16	8.0 TTG								U A
5465	COMP+CAN	3/8	10.0 TTG								U A
5466	COMP+CAN	1/2	12.0 TTG								U A
7048	COMP+CAN	(H)	8-10 LTG (ip)(A)	(.035)							U A
Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Zhangjiagang, Jiangsu, China											
5737	COMP+CAN	1/8	3.0 TTG								U A
5738	COMP+CAN	5/32	4.0 TTG								U A
5739	COMP+CAN	3/16	5.0 TTG								U A
5740	COMP+CAN	1/4	6.0 TTG								U A
7141	COMP+CAN	5/16	8.0 TTG								U A
7142	COMP+CAN	3/8	10.0 TTG								U A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd ; Hangzhou, Zhejiang, China											
5077	COMP+CAN	3/16	5.0 TTG								U A
5078	COMP+CAN	1/4	6.0 TTG								U A
5079	COMP+CAN	5/16	8.0 TTG								U A
5080	COMP+CAN	3/8	10.0 TTG								U A
6051	COMP+CAN	(H)	10 LTG (b)(A)	(.030)							U A
Zhongshan Walle Glass Product Co., Ltd ; Zhongshan City, Guangdong Province											
8142	COMPOSITE	1/4	6.0 TTG								U A
8143	COMPOSITE	5/16	8.0 TTG								U A
8144	COMPOSITE	3/8	10.0 TTG								U A

CERTIFIED PRODUCTS KEY

Glass Product Type Codes

TTG	TEMPERED TRANSPARENT GLASS
TPG	TEMPERED PATTERNED GLASS
TBG	TEMPERED BENT GLASS
TBP	TEMPERED BENT PATTERNED GLASS
LTG	LAMINATED TRANSPARENT GLASS
LSP	LAMINATED SPECIALTY PRODUCTS
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)
------	---

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 Glass Attribute Codes

(S)	STANDARD THICKNESS CLASS FOR LAMINATED GLASS
(H)	HEAVY THICKNESS CLASS FOR LAMINATED GLASS
(A)	ANNEALED
(HS)	HEAT STRENGTHENED
(T)	TEMPERED
(CS)	CHEMICALLY STRENGTHENED
(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

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
	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 Jing Jing						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						
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		
Estriado/SR Estr	Saint Gobain		M				M						
Etre	Guardian		S				S			S	S		
Everglade*	Pilkington		M				X						
Flax	AGC	M	M, S	S	S	S							
Flemish*	Pilkington		S				M						
Floralite	Guardian		M										
Florex	AGC	M	M										
Florielle*	Pilkington		S										
Flutes	AGC		M	D			D						
Flutex	AGC			D						M			
Glacier	AGC	M	M	D			D			M			
Gluechip	Guardian	M	M	M		M	M						
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	Jinjing		S	S			S							
Monumental M	Saint Gobain		D											
Monumental S	Saint Gobain		M											
Morisco*	Pilkington		M											
Niagara	Guardian	M	M	M		M	M			M	M			
Oak*	Pilkington		S											
Optica	Saint Gobain		M											
P-516	Guardian	S	S	S	S	S	S			S	S			
Pattern 62	AGC	S	S	S	S	S								
Pattern 73	AGC	M	M											
Pebbles	AGC		M				M							
Pelerine*	Pilkington		S											
Pinhead	Taiwan Glass	S		S						S				
Pixels	AGC		M											
Rain	AGC	M	M	M			S		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								
Vison	Saint Gobain		S				S		S					
Warwick*	Pilkington		S											
Waterdrop	Saint Gobain		M											
Yacare*	Pilkington		M											

SGCC LIST OF ACCEPTED INTERLAYERS (SD-99)

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) Poly Vinyl Butral	(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		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data on file
(b)	Poly Vinyl Butral	Eastman Chemical Company	Saflex IIIIG/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	✓
		Eastman Chemical Company	Saflex Specialty	Saflex Q, AG, DB/DS	✓
		Eastman Chemical Company	Saflex Composite	Saflex V, K series	✓
		Kuraray	Trosifol SentryGlas Expressions		✓
		Kuraray	Trosifol (formerly Butacite B50-B56)	Clear (B500)	✓
		Kuraray	Trosifol (formerly BG)	Clear/Ultra Clear (B100)	✓
		Kuraray	Trosifol (formerly ES)	Extra Stiff (B130)	✓
		Kuraray	Trosifol (formerly SC)	SC Monolayer (B100)	✓
		Kuraray	Trosifol (formerly XT90)	XT (B140)	✓
		Kuraray	Trosifol	Solar R40 (B900)	✓
		Kuraray	Trosifol	HR100 (B170)	✓
		Chang Chun	Winlite	(0.015)	✓
		Sekisui S-Lec America LLC	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film	(0.030)	✓
		Everlam S.A.	EVERLAM™	NC 010, LAM52 (0.015)	✓
		Everlam N.V.	EVERLAM™ SUPER TOUGH	LAM72T	✓
Kingboard (FO Gang) Specialty Resins Ltd.	Kingboard	(0.015)	✓		
Zhejiang Decent New Material Co., Ltd.	Architectural PVB	(0.030)	✓		
(u)	Polyurethane	SWM International	ArgoBond®	ST-6050 (0.050)	✓
(ip)	Ionoplast	Kuraray	Trosifol SentryGlas®	(0.035)	✓
		Kuraray	Trosifol SentryGlas® Xtra™	(0.035)	✓
(lu)	Liquid Resin - UV Cure	Bestroom Co. Ltd.	UVLAM	(0.040)	✓
		H.B. Fuller- Kommerling	Kodilan GS-LED	(.040)	✓
		ALLNEX	UVEKOL	(0.040)	✓
(ev)	Ethylene-Vinyl Acetate	Interlayer Solutions, inc.	EVALAYER	(0.015)	✓
		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 OSTER FILM - ASQ1X Extra Clear EVA Film	(0.015)	✓
		SWM International	ArgoBond®	SE-381TF (0.030)	✓
		Satinal SPA	Strato	(0.015)	✓
		Shanghai HIUV New Materials Co., Ltd.	HIUV-PVE	(0.015)	✓

SGCC LIST OF ACCEPTED INTERLAYERS (SD-99)

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) Poly Vinyl Butral	(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		
Generic Code	Description	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data on file
(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	Iowa
<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. Tyler Westerling, Ms. Marisela Saavedra, Ms. Shannon Stein Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kenny.white@intertek.com, Tyler.Westerling@Intertek.com, Marisela.Saavedra@Intertek.com, Shannon.Stein@Intertek.com</p>	<p>500 - Element Materials Technology Des Moines Element Materials Technology Des Moines, 3922 Delaware Avenue; Des Moines, IA 50313 Attn: Mr. Nathan Mracek, Adam Scarlett, Brian Escherich Phone: (515) 266-5101 Fax: (505) 262-1910 Email: nathan.mracek@element.com, adam.scarlett@element.com, brian.escherich@element.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 Phone: (909) 591-1789 Fax: 9096279020 Email: Jack@ccl-west.com, chad@ccl-west.com</p>	<p align="center">Minnesota</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. Lukas Bayer, Mr. Dan Johnson, Ms. Wendy Allison Phone: (651) 636-3835 Fax: (651) 636-3843 Email: lukas.bayer@intertek.com, dan.johnson@intertek.com, wendy.rusinyak@intertek.com</p>
Florida	New York
<p>285 - QAI Laboratories, Inc. QAI Laboratories, Inc., 8148 NW 74th Avenue; Medley, FL 33166 Attn: Jose Sanchez Phone: 1-305-885-3328 Fax: 1-305-885-3329 Email: jsanchez@qai.org</p>	<p>400 - Intertek Intertek, 75 Clinton Avenue; Cortland, NY Attn: Mr. Russell Mantey, Mr. Matthew Small, James Diescher Phone: (607) 758-6673 Fax: (607) 758-6666 Email: russell.mantey@intertek.com, matthew.small@intertek.com, james.diescher@intertek.com</p>
<p>850 - PRI Construction Materials Technologies PRI Construction Materials Technologies, 6412 Badger Dr; Tampa, FL 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>	Ohio
Georgia	<p>200 - Bowser-Morner Inc. Bowser-Morner Inc., 4518 Taylorsville Rd; Dayton, OH Attn: Vicki Appora Phone: (937) 236-8805 Fax: 9372379947 Email: vappora@bowser-morner.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. James Blakely, Ms. Andrea Torrey Phone: (770) 941-6916 Fax: (770) 941-2930 Email: austin.viness@intertek.com, james.blakely@intertek.com, andrea.torrey@intertek.com</p>	Pennsylvania
	<p>100 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 130 Derry Court; York, PA 17402-9405 Attn: Mr. Todd Wilt, Thomas Mickley Phone: (717) 764-7700 Fax: (717) 764-4129 Email: todd.wilt@intertek.com, tom.mickley@intertek.com</p>

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

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

Pennsylvania	Washington
<p>103 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1140 Lincoln Ave; Springdale, PA 15144 Attn: Mr. Steve Shank, Mr. Jim Grippo, Mr. Mike Matovcik, Ms Sandy DiCaro Phone: 724-275-7100 Fax: 724-275-7102 Email: Stephen.Shank@Intertek.com, jim.grippo@intertek.com, michael.matovcik@intertek.com, Sandra.DiCaro@Intertek.com</p>	<p>750 - National Certified Testing Labs (NCTL) NW - WA National Certified Testing Labs (NCTL) NW - WA, 3310 Hill Avenue; Everett, WA Attn: Amy Becker, Mr. Serge Paquet Phone: (425) 259-6799 Fax: (425) 259-4936 Email: abecker@nctlinc.com, spaquet@nctlinc.com</p>
	Canada
	Quebec
<p>800 - National Certified Testing Labs (NCTL) National Certified Testing Labs (NCTL), 5 Leigh Drive; York, PA Attn: Mr. Justin Bupp, Drew Klinedinst Phone: (717) 846-1200 Fax: (717) 846-1200 Email: jbupp@nctlinc.com, DKlinedinst@nctlinc.com</p>	<p>450 - Intertek Intertek, 1829 32nd Avenue; Lachine, QC Attn: Mr. Kal Kooner, Mr. Claude Pelland, Mr. Sergiu Toaca Phone: (514) 631-3100 Fax: Email: Kal.kooner@intertek.com, Claude.pelland@intertek.com, sergiu.toaca@intertek.com</p>
	Canada
	British Columbia
	<p>950 - Intertek Intertek, 1500 Brigantine Dr. ; Coquitlam, BC 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: Cassandra Matthews, Mr. Fred Munoz Phone: (469) 814-0687 Fax: Email: cassandra.matthews@intertek.com, lucio.munoz@intertek.com</p>	
Washington	
<p>195 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 22155 68th Ave. South; Kent, WA 98032-1937 Attn: Mrs. Patricia Cain, Ms. Jennifer Levins Phone: (253) 395-5656 Fax: (253) 395-5657 Email: patricia.cain@intertek.com, jennifer.levins@intertek.com</p>	