



safety glazing certification council

January 1, 2016

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

January 1, 2016

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

<http://asc-z97-store.myshopify.com/collections/all>

~ ~ ~

"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
www.access.gpo.gov

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-M90"

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

http://www.techstreet.com/standards/can_cgsb/12_1_m90?product_id=10492

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
100 W. Main St.
Sackets Harbor, NY 13685
Phone: (315) 646-2234 Fax (315) 646-2297
staff@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®.

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Page 1

Table of Contents

CPSC 16 CFR 1201.....	1
ANSI Z97.1-2015	1
CPSC 16 CFR 1201.....	1
CAN/CGSB 12.1-M90	1
Meetings of the Certification Committee	3
Roster.....	3
Program Concept	10
Procedural Guide	11
Quality Assurance Program	13
Certification Guidelines and Interpretations.....	16
SGCC® Advertising Guidelines	28
SGCC® Label Requirements.....	29
CPSC Act Labeling Requirements.....	30
Classified Tempered Glass Patterns	31
Certified Products (Numerical Sequence).....	33
Certified Products (Alphabetically By Plant)	47
Certified Products Key	72
Certified Products (By Product Type)	73
SGCC® Approved Laboratories.....	119

January 1, 2016

~ 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 ~
Administrator: Administrative Management Systems, Inc. (AMS)
PO Box 730
100 W. Main St.
Sackets Harbor, NY 13685
Telephone: 315-646-2234
Fax: 315-646-2297
E-mail: staff@amscert.com
Website: www.sgcc.org

~ADMINISTRATIVE STAFF~

John G. Kent, Administrative Manager
Katrina Stafford, Program Manager
Brandy Redder, Administrative Assistant

Kelly Jenness-Dalaba, Administrative Assistant
Sara Connor, Administrative Assistant
Cathy Kaehler, Administrative Assistant

~ ROSTER ~

~ SGCC® BOARD OF DIRECTORS ~

~ SGCC® OFFICERS ~

President	Mr. Peter Weismantle
Vice President	Mr. Richard Paschel
Secretary	Mrs. June Willcott
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) 91-9599

Ms. Elaine S. Rodman
Homeowners Association
2300 Sample Road
Allison Park, PA 15101
Phone: (412) 487-2887
Email: rodmanp@verizon.net

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

Mr. Peter Weismantle
Adrian Smith & Gordon Gill Architecture
111 West Monroe, Suite 2300
Chicago, IL 60603
Phone: (312) 870-4126
Fax: (312) 920-1775

Mr. Patrick Loughran
Goettsch Partners, Architecture, Interiors, Planning, Enclosures
224 South Michigan, Floor 17
Chicago, Illinois 60604
Phone: (312) 356-0600

January 1, 2016

~ REPRESENTING INDUSTRY ~

Mr. Richard Paschel
Nashville Tempered Glass
149-01 Hollywood Ave.
Flushing, NY 11355
Phone: (718) 888-9535

Mr. Rick Wright
Oldcastle BuildingEnvelope®
1507 Lancer Dr.
Moorestown, NJ 08057
Phone: (856) 764-7762

Mr. Bernie Herron
Cardinal IG
7201 West Lake St.
Minneapolis, MN 55426
Phone: (952) 929-3134

Mr. Shane Merryman
Consolidated Glass
1150 N. Cedar St.
New Castle, PA 16103
Phone: (724) 658-4541

Mr. Mark Cody
AGC Flat Glass North America
PO Box 929
Kingsport, TN 37662
Phone: (423) 229-7222

~ 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. Peter Weismantle, President
SGCC® Board of Directors
Adrian Smith & Gordon Gill Architecture
111 West Monroe
Suite 2300
Chicago, IL 60603
Phone: (312) 870-4126
Fax: (312) 920-1775

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
100 W. Main St.
Sackets Harbor, NY 13685
Phone: (315) 646-2234
Fax: (315) 646-2297

~ LEGAL COUNSEL ~

Mr. William M. Hannay, Esq.
Schiff, Hardin & Waite
233 S. Wacker Dr., Suite 6600
Chicago, IL 60606
Phone: (312) 258-5617
Fax: (312) 258-5600

~ FINANCIAL AUDITORS ~

Mr. David Bowles
Dermody, Burke & Brown CPA's LLC
443 North Franklin St.
Syracuse, NY 13204
Phone: (315) 471-9171
Fax: (315) 471-8555

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
AAG-AI Abbar Architectural Glass	Jean Lelievre	Ezhilenth Narayanan	
AGC Flat Glass North America	Mark B. Cody	Jon Hughes	
AGNORA (Architectural Glass North America)	Jeff Wilkins		
AI Ghussun Bldg. Metallic Const. Factory LLC	Ahmad N.N. Hamdan		
Aldora Aluminum and Glass Products, Inc.	Manny Valladares		
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
Alumana Industries	Rey John Elape		
Aluminum Technology Auxiliary Industries	Thampi Narayanan		
American Insulated Glass Inc.	Rick Freeman		
American Shower Door	Tom Hori		
Amsco Windows	Joe Jonely		
Anthony International	Matt Rolek	Don Sokol	
Architectural Glass Products, LLC.	Sharon Gambill		
Arlene Stained Glass & Door	Son Nguyen		
ATI Windows	Stephen Schwartz		
Basco Engineered Products	Dale Schmidt	Gary Brown	
Beijing Wuhua Tianbao Glass Co.	Jesse		
Bendheim Wall Systems	Robert Jayson		
Berkowitz J. E., LP	Jim Stinsman		
Best Deal Millworks	Tam Van Le		
Blue Star Glass Inc.	Maureen Poole		
Bronco Industries, Inc.	Bronson Lam		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Bernie Herron	Rob Grommesh	Oak Moser
Cardinal Tempering	Greg Abrams		
Cat-I Manufacturing, Inc.	Ryan O'Connell		
Changshu Hard Glass Co., Ltd.	Zinger Yu		
Changshu Weier Glass Products Co. Ltd.	Denise Weier		
Changshu Xingfu Glass Building Material Co., LTD	Zhong Chun		
Changshu ZhongCheng Building Materials Co., Ltd.	Denise Lu		
Changshu Zhouxing Glass Co. Ltd.	Xiaodong Qian		
Chicago Tempered Glass, Inc.	Adam Kaczynski		
Clarus Glassboards	Matt Hoelzl		
Classy Glass Specialties Co., Ltd	Hang Hongmei		
ClearEdge Glass	Brian LaBorde		
Cleer Vision Tempered Glass	Joseph Santelli		
Clinton Glass Company	Gregory Stowell		
Columbia Commercial Bldg Prod.	Brian Baldridge	Steve Burns	
Commercial Insulating Glass Co.	Jeff Winsler		
Consolidated Armor Products, LLC	Paul Sivertson		
Consolidated Glass Corp.	Carl Carmen	Shane Merryman	Louis Merryman
Contour Industries, Inc.	Lee Mulkey	David Tomlinson	
Contract Glass	Bill Crawford		
Contractors Wardrobe	Jack Violante		
Coral Industries Glass Division	Patrick Conner		
Cristec Vipla SL	Jaume Planes Olives		
Cuda Glass & Metals	Larry Abramowski		
Custom Glass Products Inc.	Eric Reeder		
D3 Glass, LLC	Doug Daubmann		
Dalian Huaying Glass Limited Liability Co.	Becky Feng		
Dallas Flat Glass Distributors, Inc.	Linda Jo Holman		

January 1, 2016

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Licensee	Primary Member	First Alternate	Second Alternate
DDG Glass Manufacturing SDN BHD	Paul Nicholas		
Denver Glass Interiors, Inc.	David Uhey		
Deqing Sanxing Plastic Chemical Co. Ltd.	Yang Min		
Diamond Sea Glaze	Mark Chesley		
Dillmeier Enterprise, Inc.	Cody Tran		
Dolphin Glass Specialists, LLC	Jose Prieto		
DongGuan CSG Architectural Glass Co., Ltd.	Yu GuangHui		
Dongguan Dongfa Glass Product Co., Ltd	Shenwen Li		
Downey Glass Industries, LLC	Hugh Higgins		
Eckelt Glas GmbH	Christian Eckelt		
EFCO Corporation	Mark Crane		
EFI	Kenny McCutcheon		
Engineered Glass Products, L.L.C.	Goran Radojevich	Isabel Quintero	
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Thomas Cruz		
Flat Glass Group Co., Ltd.	David Wei	Li Chunpeng	
Foshan NanHai Gangsheng Tempered Glass Factor	Grace Chow		
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Zhiming Zeng		
Fujian Xihe Sanitary Ware Technology Co., Ltd	Hunter Hao		
Future Architectural Glass LLC	Senaka Bandusena		
Galaxy Glass & Stone	Eugene Negrin	John O'Keefe	
Garibaldi Glass Ind. Inc.	Nick Meissner		
General Glass	Greg Bakken		
GGI Glass Distributors Corp.	Bud Hudgins	David S. Balik	
Glas Works, Inc.	Salva Sorka		
Glass Design of Miami, Inc.	Ernesto Garcia		
Glass Dynamics, Inc.	Conrad Lankford		
Glass Enterprises Inc.	Joshua Burg		
GlassFab Tempering Services, Inc.	Brian Frea		
Glasshape NA L.P.	Brian Brunette		
Glasswerks LA, Inc.	Robert Mastrapa		
Glaz-Tech Industries, Inc.	Bill Folino		
Glenny Glass Co.	Braxton Smith		
Global Security Glazing	Mark Johnson		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Grand Glass Windows and Doors Inc.	Tim Beasley		
Guangdong Golden Glass Technologies Limited	Wu Congzhen		
Guardian Fabrication, Inc. - Webster	Kevin B. Olah	Melissa Matyniak	Carrie Karasiewicz
Gulf Glass Industries, Co. LTD	Samih Fatayerji		
Industrial Tempering Glass	Alexander Weinberger		
Inkan Ltd	Kevin Duke		
Innovative Glass of America, Inc.	Derek Spears		
Insulite Glass Co., Inc.	Larry Vasholz		
Integral Seal Mfg. Inc.	Ben Nayot		
Interglass Corp	Miguel Juliao		
Intex Glass (Xiamen) Co., Ltd.	Chris Snyder		
Intigral	Mark Hutchinson		
Jiaxing Joinbath Corporation	Mr. Chuanping Zhang		
Jin Yao Chang Tempered Glass Co., Ltd	Steven Shang		
JM Glass	Mayreni Morales	Jose Morales	
JYC Glass Co. Ltd.	Li Xiang Sheng		

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Licensee	Primary Member	First Alternate	Second Alternate
Kibing Special Glass Zhangzhou Co., Ltd.	Helen Chang		
Kohler Company	Matt Wright	Doug Glisson	Buddy Thompson
Lamiver Inc.	Edgar Cormier	Chantel Theriault	
Louisville Plate Glass	Bill Stone		
M Industria S.A. DE C.V.	Mauricio Millet Medina	Juan Polanco	Ricardo Tonueyo
M/M Tempering Inc.	Joseph L. Stevens		
Maryland Glass & Mirror	Matthew Dalbke		
McGrory Glass	Gary McGrory		
Mega Tempering	Ioannis Mariollis		
Mercer Glass Fab LLC	Thomas Wenczel		
Milgard Tempering	Oscar Alacon	Eric Yarbrough	
Nashville Tempered Glass Corp.	Dan Haney	Richard Paschel	
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
NY Tempering LLC	Haidong Weng		
Oldcastle BuildingEnvelope®	Rick Wright	Robert Williams	
Paragon Tempered Glass	T. Copsey		
Patio Enclosures	Jack Garforth	Craig Cox	
Pennsylvania Insulating Glass	Tim Wilkins		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PG Building Glass Processing	Graham Cranswick	Andrew De Jager	
PGT Industries	Rod Hershberger		
Phoenicia Flat Glass Industries	Mario Resch		
Poma Glass & Specialty Windows Inc. dba AGC Gla	Mark Cody	Dennis Ervin	
PPG Inds. Inc.	Paul W. Bush	Wayne Boor	Kevin Ramus
Prelco Inc.	Stephane Mercier		
PRL Glass Systems	Ruben Gallegos		
Productos De Valor Agregado en Cristal S.A. de C.V.	Jaime Guzman Salazar		
Produits Verrier International Inc.	Victor Scherer		
PT Abebersa Pratama	Mahud Malim		
Pulp Studio Inc.	Bernard Lax		
Qingdao Apis Glass Industries Co. Ltd.	Henry Hao		
Qingdao Jinjing Co., Ltd.	Mark Wang		
Qingdao Laurel Enterprise Co., Ltd.	Bruce Jia		
Qinhuangdao Detai Tempered Glass Co., Ltd.	Yijing Wang		
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan		
Qinhuangdao Kunping Safety Glass Co. Ltd.	Zhao Ping-Wang		
Qinhuangdao Mingjingyuan Safety Technology Tech	Gavin Pan		
Qinhuangdao Qicaishi	Qifei Chen		
QinHuangDao Tianrui Tempered Technology Glass	Zhu YanJun	Cheng Yi Bin	
Quaker Window Products, Inc.	Curtis Weavers		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quest Window Systems	Daniel Zalcman		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
RF Supply, Inc.	Mike Hoelle		
Rizhao Huaye Glass Co., Ltd.	Alex Yin		
Robover Inc.	Alain Fortin		
SAAND Inc.	Steve Callahan		
SAGE Electrochromics Inc.	Helen Sanders		

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Licensee	Primary Member	First Alternate	Second Alternate
Saint-Gobain SOVIS	Jean-Francois Royan		
Sanshiba	Toshiaki Matsuda		
SCHOTT Gemtron - Sweetwater	Bill Long	Jack Francis	
SCHOTT Gemtron (Canada) Corporation	Bill Bartlett		
Shanghai Chung Glass	Steven Shang		
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Dahai		
Shenzhen Kai Tai Glass Co., LTD	Zheng gang He		
SIGCO, Inc.	David A. McElhinny		
Simonton Windows	Kevin Baker	Chuck Andersen	
Sky Land Tempering Glass Corp	Ricky Zeng		
Solar Seal Company-CT	Alex Bradaran	Eric Shaw	
Solar Seal Company-MA	Alex Bradaran	Eric Shaw	
Solar Seal Company-VA	Alex Bradaran	Eric Shaw	
Specialty Glass	David Bazzano		
Sunglas Technics Co., Ltd.	Steven Chang		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Co., Inc.	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		
Taiwan Glass USA Sales Corp.	Peter Chen		
Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.	Christian Daes		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
TG Changjiang Glass Co., Ltd	Richard Chubb		
The Glass Guild Ltd.	Judy Walder		
The Original Frameless Shower Door	John Serino		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermo BSL	Pierre-Luc Bellavance		Guy Poirier
Thermoseal Industries, LLC	Richard Chubb		
Thompson I.G. , LLC.	Heather Abbas		
Tianjin CSG Energy Conservation Glass Co., LTD	Zaida Liu		
TianJin Dong Sung Home Building Materials Co. Ltd.	Sang Kuy Lee		
Tianjin Northglass Industrial Technical Co., Ltd.	Zhang Xue	Anna Wu	
TRACO (Three Rivers Alum)-PA	Dale Pittman		
Tri-Star Glass, Inc.	Tim Kelley		
Triton Glass LLC	Sahaj R. Patel		
Triview Glass Industries	Alex Kastaniuk		
Troy Systems LLC	Ali Guney		
Trulite Glass and Aluminum Solutions	Phil Danielson		
TVITEC	David Lopez	Alexandra Gonzalez	
Tweddell's Inc.	Corey Myer	Ed Blair	
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly		
Vetzeria F. Illi Paci	Maurilio Paci		
Vetzeria Valentini S.R.L.	Claudio Valentini		
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrios Marte SA de CV	Hugo Hernandez		
View Inc.	Joe Crouson		
Viracon Inc.	Brian Louks	Don Boutelle	

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Virginia Glass Products Corp.	Benjamin Beeler	W. Chris Beeler	
Vitemex	Edgar Alonso de la Cruz		
Vitra Vidrios Transformados SA de CV	Miguel Larach		
Viwinco, Inc.	Michael Duncan		
W. A. Wilson Inc.	Robert Hartong		
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Kevin Boudreaux		
Wisconsin Shower Door & Supply Corp	Chuck Biesik		
Wolverine Glass Products, Inc.	Terry Foust		
WSD Glass, Inc.	Gary Reece		
Wuhan Aozheng Science and Technology Co., Ltd.	Daisy Wang		
Wujiang Golden Glass Technologies, Ltd.	WuCong Zhen		
Xinyi Group (Glass) Co. Ltd.	Janette Huang		
Yao Xiang Glass Product Co. Ltd.	Mai Yao Dong		
Yong Feng Tai Foshan City Glas Co., LTD.	Aijun Zhong		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhangjiagang City Zaofa Safety Glass Co., Ltd.	Zaofang Tang		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xuxiang Dong		
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Steven Shang		

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

January 1, 2016

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-M90

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.

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~

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?

Any manufacturer of safety glazing materials or any party contracting for the manufacture of safety glazing materials is eligible, on a voluntary basis, to become a licensee.

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) The applicant signs two copies of the SGCC® License Agreement and sends these to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants must include the location and appropriate signatures of their manufacturer for each location.
- 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/or 16 CFR 1201 and/or CAN/CGSB 12.1. Test reports are valid for initial certification if the report date is within 60 days. (Revised 11/4/2015)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/07)

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 10/12/2006)

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 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. A licensee's quality assurance program, as a minimum, must have the following elements:

- 1) A Quality Manual – a document that identifies, describes and contains the workings of the quality system.
- 2) A quality system representative – the designated point of contact for the quality system.
- 3) Production testing:
 - a. Test procedures
 - i. Tempered
 1. Center punch test and/or impactor test (For example ANSI Z97.1, CPSC 16 CFR 1201)
 - ii. Laminated (the following are examples)
 1. Pummel test (Recommend contacting interlayer supplier for guidance)
 2. Impact and/or boil test (For example ANSI Z97.1 and/or CPSC 16CFR1201)
 3. Ball drop test (For example GANA LD 100-06)
 - b. Frequency (as a minimum)
 - i. Tempered
 1. First of each product thickness per shift
 2. Additional testing based upon square footage produced
 - ii. Laminated
 1. Based upon process, products produced and square footage, consult your interlayer supplier for guidance
 - c. Documentation and retention of product testing records as a minimum:
 - i. 10 years

HOW THE CERTIFICATION PROGRAM WORKS

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

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.

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches is the size of the initial or prototype test sample, certification is extended to all sizes

January 1, 2016

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

Approved products are listed in a Certified Products Directory. 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 and product description of safety glazing material certified by SGCC®.

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 market place.

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)

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.

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</u> <u>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 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 and mails 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 and/or 16 CFR 1201 or both plus CAN/CGSB 12.1 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 4/19/2004)

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, c, and e of G.11 shall be followed. (Revised 3/16/1990)
- 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 first of 2011 (F11) certification period, the SGCC® permanent label must contain ANSI Z97.1-2015 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 4/29/2010)

G.7 (ANSI ONLY)

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 5.1 (impact tests) and 5.4 (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.

G.8 (Deleted 4/29/2010)

- G. 9 Effective with the last half of 2010 testing (L10) all test samples for "U" (Unlimited size certification) must be 34x76". This includes regular, twice annual testing. (Revised 4/29/2010)

G.10

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 weeks in which to effect delivery of said specimens to the Administrator's designated testing laboratory.
- 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:

January 1, 2016

- 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 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 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. A letter will follow the phone call.
- c) For all overdue invoices as of May 15 and November 15, an overnight letter, return receipt requested, will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent certified mail fifteen (15) days from the mailing of the overnight letter if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and its certified products 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

When testing to ANSI only or CPSC 16CFR only, four samples shall be required for impact testing. For all specimens that are not symmetrical from surface to surface, an equal number of specimens shall be impacted on each side. (Revised 10/28/1999)

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, wired 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 10/25/01) 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 bond form in the amount of \$10,000. The pre-issued SGCC® certification number, if not used by the licensee, will be terminated 12 months from the date of issue. The condition of the bond is such that if the licensee does not label any safety glazing material with the pre-issued certification number prior to formal certification then the bond shall be void.

G.22

In the case of wired glass (ANSI ONLY), 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 sample required by Guideline G.11a, and also that particular product be sampled by the Administrator for the additional sample required by Guideline G.11b.

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. As a consequence, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period. This shall be done as follows:

- a) Prior to or within two weeks after the shutdown, the licensee shall inform the SGCC® Administrator by certified mail.
- b) The SGCC® Administrator will immediately supply the licensee with test release bond forms for submission by the licensee. A separate bond shall be submitted for each certified product affected.

January 1, 2016

- c) Within two 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 week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator by certified mail, 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 (ANSI ONLY)

Effective with the first of 2011 (F11) certification period, SGCC® shall only offer certification to ANSI Z97.1-2015. (Revised 4/29/2010)

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 CPSC or ANSI, or both (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 samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 and one specimen to be impact tested to 16 CFR 1201 (for all specimens that are not symmetrical from surface to surface a total of six impact test specimens must be submitted, four being tested to ANSI and CAN/CGSB 12.1 and two being tested to CPSC 16CFR 1201, with an equal number of specimens being 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 both standards. (Revised 10/10/2012)

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)

G. 30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (CPSC ONLY)

When testing to Category II requirements, the Administrator shall select specimens greater than nine square feet in surface area.

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 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)

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.) 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)

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 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, and grooving 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. 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 4/26/2007)

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 table of Classified Tempered Glass Patterns 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 specimen must be weighed and the weight of ten 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

For the 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 (<.292-inches) and H=Heavy (.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 "SGCC® Proposal for the Certification of Laminated Glass" dated November 5, 2007 available at www.sgcc.org) (Added 4/2/2008)

L.1

Certification of clear laminated glass will also cover tinted, heat absorbing, and coated glasses, clear or tinted interlayer, and both flat and bent laminates of the same nominal thickness. 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 10/10/2012)

L.2

In cases where certified laminated 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 weeks.

L.3 (Deleted 4/2/2008)

L.4

When a laminated glass is certified, other laminated glasses of the same nominal thickness having a greater thickness of interlayer will be included in the certification. (Revised 4/2/2008)

L.5

Laminated safety glass shall be identified by type of base glass, per Guideline L.8, and certified in 1 of 3 product type codes (A, HS, T). In consideration of Guideline L.1, Laminated Transparent Glass (LTG) is defined as 2 or more lites of glass with the same family of polymer (interlayer(s)) between the lites. Laminated Patterned glass (LPG) shall be defined the same as LTG except that at least one lite shall be patterned glass. Laminated Specialty Product (LSP) shall be defined as 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 LSP, changes in material of plies or insert and changes in thickness of insert shall require separate certification. Changes in coatings, color or decorative pattern shall be included in the same certification. (Revised 10/2/2014)

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)

mm	Traditional (in)	Range (in)
3.0	1/8	0.115 – 0.148
4.0	5/32	0.149 - 0.179
5.0	3/16	0.180 – 0.218
6.0	¼	0.219 – 0.291
8.0	5/16	0.292 – 0.354
10.0	3/8	0.355 – 0.468
12.0	½	0.469 – 0.594
16.0	5/8	0.595 – And greater

L.8

Laminated glass shall be certified by its base glass heat treating (A= annealed, HS= heat strengthened, T= tempered). When a laminated annealed glass (A) is tested and certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened (HS) or tempered glass (T) 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). (Revised 9/17/2013)

L.9

When laminated glass is not available for routine sampling, the licensee submitted specimens must contain the identical nominal thickness interlayer that was contained in the prototype specimens. (Revised 4/2/2008)

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)

SGCC LIST OF ACCEPTED INTERLAYER – REVISED 1/27/2016

Generic Code	Description	Generic Code	Description	<i>In order for a laminated glass product to be considered SGCC certified, the interlayer must be on this list</i>
(b)	Poly Vinyl Butral	(p)	Polyethylene Terephthalate	
(ip)	Ionoplast	(f)	Fluorinated Ethylene Propylene	
(lc)	Liquid Resin - Multi Component	(u)	Polyurethane	
(lu)	Liquid Resin - UV Cure	(ev)	Ethylene-Vinyl Acetate	
(el)	Epoxy-Liquid Crystal Polymer	<i>All weathering data is tested to ANSI Z97.1-2009 for exterior use All Indoor use only products must submit Indoor Use Only Weathering requirements by 12/31/2016 to ANSI Z97.1-2015 to maintain approval on this list. (Revised 1/27/2016)</i>		

Generic Code	Supplier	Interlayer Brand	Interlayer Formulations	Weathering Data
(b)	Eastman Chemical Company (formerly Solutia)	Saflex IIIIG/Vanceva	Series A, C, D, F, H, M, N, P, R, S, W	Solutia Report 8/11
(b)	Eastman Chemical Company (formerly Solutia)	Saflex Specialty	Saflex Q, AG, DB/DS	Solutia Report 8/11
(b)	Eastman Chemical Company (formerly Solutia)	Saflex Composite	Saflex V, K series	Solutia Report 8/11
(b)	Kuraray (formerly DuPont)	SentryGlas Expressions		DuPont Report 3/11
(b)	Kuraray (formerly DuPont)	Butacite	50-56, 551-553	DuPont Report 3/11
(b)	Kuraray	Trosifol	BG, AF, SC, VG, XT90, Solar R40, HR100	Kuraray Report 5/23/12
(b)	Chang Chun	Winlite	(.015)	Guardian Report ALR 13-266
(b)	Sekisui S-Lec America LLC	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film	(.030)	ATI Report C0265.02-122-37 & C0265.01-122-37 6/12/12
(ip)	Kuraray (formerly DuPont)	SentryGlas	(.035)	DuPont Report 3/11
(lu)	Bestroom Co. Ltd.	UVLAM	(.040)	Bestroom Laboratory Report 1/17/11
(lu)	ALLNEX	UVEKOL	(.040)	Allnex Statement 3/14/14
(ev)	Interlayer Solutions, inc.	EVALAYER	(.015)	Interlayer Solutions Inc. Performance Report 7/8/15
(ev)	Bridgestone	EVASAFE	(.030)	Intertek/ATI Report 3/2/15
(ev)	Hornos Industriales Pujol, S.A.	EVALAM	(.030)	INDOOR USE ONLY – NO WEATHERING DATA ON FILE
(el)(p)	Polytronix, Inc.	Polyvision Film	(.075)	INDOOR USE ONLY – NO WEATHERING DATA ON FILE

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-D4802-88, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-88 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 (paragraph 5.3) 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 5.3 of ANSI Z97.1 (UV Weathering), but must comply with paragraph 5.4.

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). For organic coated - hybrid, reference memorandum 940329-1.

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.

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)

~SGCC® LABEL REQUIREMENTS~ (Revised 10/10/2012)

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, B or C). (Revised 10/10/2012)

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 12.1-90	CAN/CGSB 12.1-90	CAN/CGSB 12.1-90
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

<u>SGCC® Licensee or Primary Producer</u>	<u>Authorized Distributor or Installer</u>
Company ABC (optional)	Company XYZ (optional)
Laminated Glass (optional)	Laminated Glass (optional)
ANSI Z97.1-2015	ANSI Z97.1-2015
16 CFR 1201 CII	16 CFR 1201 CII
SGCC 9999 6mm U A	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)

"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 or C). 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)

"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.

Classified Tempered Glass Patterns Key (Revised 1/15/2015):

S (Shallow)**M (Medium)****D (Deep)****X (Pattern available but pattern depth not yet classified.)*****Indicates EN Standard Thickness Tolerance**

Pattern Name	Manufacturer	1/8"	5/32"	3/16"		7/32"	1/4"		5/16"	3/8"	1/2"
		3 mm	4 mm	5 mm	0.21	5.5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
Abstracto	Saint Gobain		D								
Altdeutsch F	Saint Gobain		S								
Altdeutsch K	Saint Gobain		S								
Antique	Saint Gobain		S								
Aqua	AGC	S	S	S			S				
Aquatex	AGC	S	S	S	S	S	S				
Aqui	AGC	S	S	S			S			S	
Arctic*	Pilkington		D								
Arena C/SR Arena	Saint Gobain	S	S				S				
Austral*	Pilkington		M								
Autumn*	Pilkington		M				X				
Autumn	Saint Gobain						S				
Bamboo	AGC			D							
Bamboo	Guardian									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			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								
Listral D	Saint Gobain		M								
Listral F	Saint Gobain		M								

Pattern Name	Manufacturer	1/8"	5/32"	3/16"		7/32"	1/4"		5/16"	3/8"	1/2"
		3 mm	4 mm	5 mm	0.21	5.5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
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								
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								
Pixels	AGC		M								
Rain	AGC	M	M	M			S			S	
Rattan*	Pilkington	M									
Rayado*	Pilkington			S							
Reed	Saint Gobain						M				
Reeded*	Pilkington		D				M				
Sahara	Saint Gobain		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						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								
Wired 1/2"	Saint Gobain						S				
Wired 1/2"	Saint Gobain							S			
Wired Abstract	Saint Gobain							M			
Wired Listral	Saint Gobain						S				
Wired Waterdrop	Saint Gobain							M			
Yacare*	Pilkington		M								
Zefiro Weiss	Saint Gobain		M								

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
12	Virginia Glass Products Corp.	1332	SCHOTT Gemtron - Sweetwater	1790	Trulite Glass and Aluminum Solutions
14	Virginia Glass Products Corp.	1334	SCHOTT Gemtron - Sweetwater	1803	Guardian Industries Corp.
89	AGC Flat Glass North America	1403	Viracon Inc.	1804	Cardinal TG
90	AGC Flat Glass North America	1404	Viracon Inc.	1805	Cardinal TG
93	Virginia Glass Products Corp.	1416	Nashville Tempered Glass Corp.	1806	Cardinal TG
94	Virginia Glass Products Corp.	1417	Nashville Tempered Glass Corp.	1807	Cardinal TG
95	Virginia Glass Products Corp.	1422	SCHOTT Gemtron - Sweetwater	1826	Guardian Industries Corp.
131	Guardian Industries Corp.	1424	SCHOTT Gemtron - Sweetwater	1827	Cardinal IG
220	AGC Flat Glass North America	1467	Nashville Tempered Glass Corp.	1828	Cardinal IG
249	PPG Inds. Inc.	1477	SCHOTT Gemtron - Sweetwater	1829	Cardinal IG
250	PPG Inds. Inc.	1508	Viracon Inc.	1830	Cardinal IG
300	Guardian Fabrication Inc.	1509	Viracon Inc.	1831	Cardinal IG
382	PPG Inds. Inc.	1546	Oldcastle BuildingEnvelope®	1832	Cardinal IG
471	Guardian Fabrication Inc.	1547	Oldcastle BuildingEnvelope®	1833	Cardinal IG
514	Oldcastle BuildingEnvelope®	1548	Oldcastle BuildingEnvelope®	1834	Cardinal IG
515	Oldcastle BuildingEnvelope®	1549	Oldcastle BuildingEnvelope®	1841	Cardinal IG
516	Oldcastle BuildingEnvelope®	1550	Oldcastle BuildingEnvelope®	1842	Cardinal IG
520	Anthony International	1551	Oldcastle BuildingEnvelope®	1843	Cardinal IG
587	AGC Flat Glass North America	1555	Swift Glass Co., Inc.	1844	Cardinal IG
598	AGC Flat Glass North America	1556	Swift Glass Co., Inc.	1845	Cardinal IG
630	Oldcastle BuildingEnvelope®	1557	Swift Glass Co., Inc.	1846	Cardinal IG
631	Guardian Industries Corp.	1558	Swift Glass Co., Inc.	1865	Guardian Industries Corp.
662	Guardian Fabrication Inc.	1559	Swift Glass Co., Inc.	1871	Solar Seal Massachusetts
675	PPG Inds. Inc.	1575	Custom Glass Solutions Millbury Corp.	1882	Guardian Industries Corp.
862	Trulite Glass and Aluminum Solutions			1889	Commercial Insulating Glass Co.
863	Trulite Glass and Aluminum Solutions	1576	Custom Glass Solutions Millbury Corp.	1890	Commercial Insulating Glass Co.
865	Trulite Glass and Aluminum Solutions			1891	Commercial Insulating Glass Co.
866	Trulite Glass and Aluminum Solutions	1577	Custom Glass Solutions Millbury Corp.	1901	EFCO Corporation
933	Guardian Industries Corp.			1902	EFCO Corporation
934	Guardian Industries Corp.	1607	Guardian Fabrication Inc.	1910	Coral Industries Glass Division
935	Oldcastle BuildingEnvelope®	1608	Oldcastle BuildingEnvelope®	1911	Coral Industries Glass Division
955	AGC Flat Glass North America	1609	Oldcastle BuildingEnvelope®	1921	Cardinal CG
968	Guardian Industries Corp.	1630	Guardian Industries Corp.	1922	Cardinal CG
969	Guardian Industries Corp.	1631	Guardian Industries Corp.	1923	Cardinal CG
970	Guardian Industries Corp.	1632	Guardian Industries Corp.	1924	Cardinal CG
971	Guardian Industries Corp.	1633	Guardian Industries Corp.	1939	Solar Seal Massachusetts
999	Anthony International	1634	Guardian Industries Corp.	1964	Coral Industries Glass Division
1000	Anthony International	1635	Guardian Industries Corp.	1979	Kohler Company
1035	Solar Seal Massachusetts	1637	Viracon Inc.	1980	Kohler Company
1036	Solar Seal Massachusetts	1677	Contour Industries, Inc.	1981	Kohler Company
1037	Solar Seal Massachusetts	1678	Contour Industries, Inc.	1982	Kohler Company
1110	PPG Inds., Inc.	1680	Contour Industries, Inc.	1983	Kohler Company
1111	PPG Inds., Inc.	1683	Guardian Industries Corp.	1984	Kohler Company
1112	PPG Inds., Inc.	1702	AGC Flat Glass North America	1985	Cardinal CG
1113	PPG Inds., Inc.	1703	AGC Flat Glass North America	1986	Cardinal CG
1139	AGC Flat Glass North America	1704	AGC Flat Glass North America	1987	Cardinal CG
1201	SCHOTT Gemtron - Sweetwater	1705	AGC Flat Glass North America	1988	Cardinal CG
1216	Guardian Fabrication Inc.	1754	All Team Glass & Mirror, Ltd.	1991	Berkowitz, J.E.
1235	Guardian Fabrication Inc.	1755	All Team Glass & Mirror, Ltd.	1992	Saint-Gobain SOVIS
1248	Guardian Industries Corp.	1756	All Team Glass & Mirror, Ltd.	1993	Tecnoglass S.A.
1249	Guardian Industries Corp.	1757	All Team Glass & Mirror, Ltd.	1994	Tecnoglass S.A.
1250	Guardian Industries Corp.	1758	All Team Glass & Mirror, Ltd.	1995	Tecnoglass S.A.
1251	Guardian Industries Corp.	1784	Trulite Glass and Aluminum Solutions	1996	Oldcastle BuildingEnvelope®
1253	Guardian Industries Corp.	1785	Trulite Glass and Aluminum Solutions	1997	Oldcastle BuildingEnvelope®
1301	Guardian Industries Corp.	1786	Trulite Glass and Aluminum Solutions	1998	Consolidated Glass Corp.
1303	Guardian Industries Corp.	1787	Trulite Glass and Aluminum Solutions	1999	Consolidated Glass Corp.
1304	Guardian Industries Corp.	1788	Trulite Glass and Aluminum Solutions	2002	Consolidated Glass Corp.

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
2003	Consolidated Glass Corp.	2211	Oldcastle BuildingEnvelope®	2391	PGT Industries
2004	Consolidated Glass Corp.	2212	Oldcastle BuildingEnvelope®	2397	Cardinal IG
2005	Consolidated Glass Corp.	2213	Oldcastle BuildingEnvelope®	2399	Cardinal IG
2007	Cardinal CG	2214	Oldcastle BuildingEnvelope®	2417	Nashville Tempered Glass Corp.
2008	Cardinal CG	2215	Oldcastle BuildingEnvelope®	2420	Nashville Tempered Glass Corp.
2009	Cardinal CG	2216	Oldcastle BuildingEnvelope®	2423	Vetzeria Valentini S.R.L.
2010	Cardinal CG	2226	GGI Glass Distributors Corp.	2426	PGT Industries
2011	Cardinal CG	2227	GGI Glass Distributors Corp.	2432	Changshu Zhongxin Bldg. Mat. Co.
2012	Cardinal CG	2228	GGI Glass Distributors Corp.	2434	Kohler Company
2013	Cardinal CG	2231	Cardinal IG	2445	Goldray Industries Ltd.
2015	Prelco Inc.	2232	Cardinal IG	2446	Goldray Industries Ltd.
2020	Guardian Industries Corp.	2233	Cardinal IG	2447	Goldray Industries Ltd.
2021	Guardian Industries Corp.	2234	Cardinal IG	2448	Goldray Industries Ltd.
2022	Guardian Industries Corp.	2235	Cardinal IG	2449	Goldray Industries Ltd.
2023	Guardian Industries Corp.	2259	Guardian Industries Corp.	2451	Guardian Fabrication Inc.
2024	Guardian Industries Corp.	2260	Guardian Industries Corp.	2453	Anthony International
2032	Cameron Glass, Inc.	2261	Guardian Industries Corp.	2455	Cameron Glass, Inc.
2033	Cameron Glass, Inc.	2262	Guardian Industries Corp.	2458	Guardian Industries Corp.
2034	Prelco Inc.	2282	GGI Glass Distributors Corp.	2459	Guardian Industries Corp.
2035	Prelco Inc.	2285	Cardinal IG	2460	Guardian Industries Corp.
2048	Prelco Inc.	2286	Cardinal IG	2462	Cardinal LG
2050	Intigral	2287	Tecnoglass S.A.	2467	United Plate Glass Co., Inc.
2051	Intigral	2289	Anthony International	2468	United Plate Glass Co., Inc.
2052	Intigral	2293	Cardinal CG	2469	United Plate Glass Co., Inc.
2055	Intigral	2294	Cardinal CG	2470	United Plate Glass Co., Inc.
2056	Patio Enclosures	2295	Cardinal CG	2471	United Plate Glass Co., Inc.
2057	Patio Enclosures	2296	Cardinal CG	2481	SAAND Toronto
2062	Oldcastle BuildingEnvelope®	2305	Anthony International	2482	SAAND Toronto
2063	Oldcastle BuildingEnvelope®	2306	Anthony International	2484	SAAND Toronto
2067	Cardinal CG	2307	Anthony International	2488	Kawneer - (Cranberry) a division of Alcoa
2068	Cardinal CG	2310	Viracon Inc.	2489	Kawneer - (Cranberry) a division of Alcoa
2069	Cardinal CG	2311	Viracon Inc.	2490	Kawneer - (Cranberry) a division of Alcoa
2070	Cardinal CG	2314	Viracon Inc.	2494	Nashville Tempered Glass Corp.
2071	Cardinal CG	2317	Cardinal IG	2497	Nashville Tempered Glass Corp.
2074	Oldcastle BuildingEnvelope®	2318	Cardinal IG	2498	Multiver
2133	Tecnoglass S.A.	2319	Cardinal IG	2499	Multiver
2134	Tecnoglass S.A.	2320	Cardinal IG	2501	Cameron Glass, Inc.
2135	Tecnoglass S.A.	2321	Cardinal IG	2507	AGC Glass Co. North America Building Products Fabrication
2143	EFCO Corporation	2322	Cardinal IG	2509	AGC Glass Co. North America Building Products Fabrication
2144	Coral Industries Glass Division	2323	Cardinal IG	2510	AGC Glass Co. North America Building Products Fabrication
2145	Coral Industries Glass Division	2328	Cardinal IG	2519	Guardian Industries Corp.
2146	Cardinal CG	2329	Cardinal IG	2543	Oldcastle BuildingEnvelope®
2176	Cardinal IG	2330	Cardinal IG	2544	Oldcastle BuildingEnvelope®
2177	Cardinal IG	2331	Cardinal IG	2545	Guardian Industries Corp.
2178	Cardinal IG	2352	Anthony International	2547	Techni-Glass, Inc.
2179	Cardinal IG	2353	Anthony International	2548	Techni-Glass, Inc.
2182	Virginia Glass Products Corp.	2354	Consolidated Glass Corp.	2549	Techni-Glass, Inc.
2185	Glaz-Tech Industries	2355	Consolidated Glass Corp.	2550	Techni-Glass, Inc.
2186	Glaz-Tech Industries	2357	Cardinal CG	2569	Bendheim Wall Systems
2187	Glaz-Tech Industries	2358	Cardinal CG	2570	Bendheim Wall Systems
2189	Glaz-Tech Industries	2359	Cardinal CG	2572	Intex Glass (Xiamen) Co., Ltd.
2190	Glaz-Tech Industries	2360	Cardinal CG	2573	Intex Glass (Xiamen) Co., Ltd.
2193	Glaz-Tech Industries	2365	Tecnoglass S.A.		
2203	Cardinal IG	2381	Prelco Inc.		
2204	Cardinal IG	2382	Guardian Industries Corp.		
2205	Cardinal IG	2389	PGT Industries		
2210	Oldcastle BuildingEnvelope®	2390	PGT Industries		

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
2574	Intex Glass (Xiamen) Co., Ltd.	2734	Glass Dynamics, Inc.	2957	Syracuse Glass Co., Inc.
2575	Intex Glass (Xiamen) Co., Ltd.	2748	Kawneer - (Cranberry) a division of Alcoa	2958	Syracuse Glass Co., Inc.
2576	Intex Glass (Xiamen) Co., Ltd.			2959	Trulite Glass and Aluminum Solutions
2577	Intex Glass (Xiamen) Co., Ltd.	2751	Prelco Inc.	2960	Trulite Glass and Aluminum Solutions
2578	Amsco Windows	2769	Saint-Gobain SOVIS	2961	SIGCO, Inc.
2580	Amsco Windows	2779	Shanghai SYP Building Glass	2962	SIGCO, Inc.
2581	Amsco Windows	2780	Shanghai SYP Building Glass	2963	SIGCO, Inc.
2582	Amsco Windows	2787	Trulite Glass and Aluminum Solutions	2964	SIGCO, Inc.
2584	Amsco Windows	2788	Trulite Glass and Aluminum Solutions	2965	SIGCO, Inc.
2589	Engineered Glass Products, L.L.C.	2789	Trulite Glass and Aluminum Solutions	2966	SIGCO, Inc.
2590	Engineered Glass Products, L.L.C.	2790	All Team Glass & Mirror, Ltd.	2967	SIGCO, Inc.
2603	Guardian Fabrication Inc.	2831	Cardinal IG	2968	Quaker Window Products, Inc.
2629	Multiver	2833	Cardinal IG	2969	Quaker Window Products, Inc.
2644	Coral Industries Glass Division	2834	Cardinal IG	2970	Quaker Window Products, Inc.
2646	Berkowitz, J.E.	2840	Trulite Glass and Aluminum Solutions	2975	Techni-Glass, Inc.
2647	Berkowitz, J.E.	2842	Milgard Tempering	2976	Cardinal LG
2649	Guardian Industries Corp.	2850	Eckelt Glas GmbH	2980	AGC Flat Glass North America
2654	Syracuse Glass Co., Inc.	2851	Eckelt Glas GmbH	2981	Quality Glass & Mirror, Inc.
2656	Syracuse Glass Co., Inc.	2852	Eckelt Glas GmbH	2982	Quality Glass & Mirror, Inc.
2657	Syracuse Glass Co., Inc.	2853	Eckelt Glas GmbH	2983	Quality Glass & Mirror, Inc.
2661	Downey Glass Industries, LLC	2854	Eckelt Glas GmbH	2984	Quality Glass & Mirror, Inc.
2662	Downey Glass Industries, LLC	2855	Eckelt Glas GmbH	2985	Quaker Window Products, Inc.
2663	Downey Glass Industries, LLC	2857	Cardinal IG	2986	Quaker Window Products, Inc.
2664	Downey Glass Industries, LLC	2858	Cardinal IG	2987	Changshu Hard Glass Co., Ltd.
2665	Downey Glass Industries, LLC	2859	Cardinal IG	2988	Changshu Hard Glass Co., Ltd.
2666	AGC Glass Co. North America Building Products Fabrication	2878	Cardinal CG	3001	Solar Seal Massachusetts
2678	Kawneer - (Cranberry) a division of Alcoa	2879	Cardinal CG	3002	Guardian Industries Corp.
		2880	Cardinal CG	3003	Guardian Industries Corp.
2684	Paragon Tempered Glass	2881	Cardinal CG	3015	Patio Enclosures
2685	Paragon Tempered Glass	2884	Oldcastle BuildingEnvelope®	3017	Diubak Corporation
2686	Paragon Tempered Glass	2885	Oldcastle BuildingEnvelope®	3018	Diubak Corporation
2687	Paragon Tempered Glass	2887	Simonton Windows	3019	Diubak Corporation
2688	Paragon Tempered Glass	2888	Simonton Windows	3023	SAAND Toronto
2691	Nashville Tempered Glass LLC	2889	TianJin Dong Sung Home Building Materials Co. Ltd.	3024	Guardian Fabrication Inc.
2692	Nashville Tempered Glass LLC	2890	TianJin Dong Sung Home Building Materials Co. Ltd.	3025	Intex Glass (Xiamen) Co., Ltd.
2693	Nashville Tempered Glass LLC			3027	Anthony International
2694	Nashville Tempered Glass LLC	2894	Tecnoglass S.A.	3028	SIGCO, Inc.
2698	Engineered Glass Products, L.L.C.	2898	Vetzeria Valentini S.R.L.	3039	American Shower Door
2699	Cardinal CG	2904	Changshu Hard Glass Co., Ltd.	3040	American Shower Door
2700	Cardinal CG	2909	Cardinal FG	3041	American Shower Door
2701	Cardinal CG	2910	Cardinal FG	3042	American Shower Door
2702	Cardinal CG	2911	Cardinal FG	3043	American Shower Door
2705	Cardinal CG	2912	Cardinal FG	3053	Xinyi Group (Glass) Co., Ltd.
2713	Prelco Inc.	2918	Kohler Company	3054	Xinyi Group (Glass) Co., Ltd.
2715	Kawneer - (Cranberry) a division of Alcoa	2919	Cardinal IG	3055	Xinyi Group (Glass) Co., Ltd.
		2920	Cardinal IG	3056	Xinyi Group (Glass) Co., Ltd.
2716	Kawneer - (Cranberry) a division of Alcoa	2921	Cardinal IG	3060	Techni-Glass, Inc.
		2922	Cardinal IG	3061	Techni-Glass, Inc.
2719	Kawneer - (Cranberry) a division of Alcoa	2923	Cardinal IG	3062	Techni-Glass, Inc.
		2924	Cardinal IG	3067	SCHOTT Gemtron (Canada) Corporation
2728	Glass Dynamics, Inc.	2928	GGI Glass Distributors Corp.	3068	Cardinal IG
2729	Glass Dynamics, Inc.	2944	Coral Industries Glass Division	3069	Cardinal IG
2730	Glass Dynamics, Inc.	2945	Coral Industries Glass Division	3070	Cardinal IG
2731	Glass Dynamics, Inc.	2954	Cardinal CG	3071	Cardinal IG
2732	Glass Dynamics, Inc.	2955	Cardinal CG	3072	Cardinal IG
2733	Glass Dynamics, Inc.	2956	Cardinal CG	3073	Cardinal IG

Certified Products-Numerical Sequence

Page 36

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
3295	Oldcastle BuildingEnvelope®	3455	Cardinal TG	3557	Al Abbar Architectural Glass
3296	Oldcastle BuildingEnvelope®	3456	Cardinal TG	3558	Al Abbar Architectural Glass
3297	Oldcastle BuildingEnvelope®	3458	Cardinal TG	3560	Al Abbar Architectural Glass
3310	Oldcastle BuildingEnvelope®	3459	Cardinal TG	3561	Oldcastle BuildingEnvelope®
3311	Oldcastle BuildingEnvelope®	3460	TianJin Dong Sung Home Building Materials Co. Ltd.	3577	PPG Inds., Inc.
3312	Oldcastle BuildingEnvelope®			3578	PPG Inds., Inc.
3313	Oldcastle BuildingEnvelope®	3461	Trulite Glass and Aluminum Solutions	3579	Cardinal CG
3314	Oldcastle BuildingEnvelope®	3462	Oldcastle BuildingEnvelope®	3580	Cardinal CG
3315	Oldcastle BuildingEnvelope®	3464	Contractors Wardrobe	3581	Cardinal CG
3317	Oldcastle BuildingEnvelope®	3465	Contractors Wardrobe	3583	Arlene Stained Glass & Door
3318	Oldcastle BuildingEnvelope®	3466	Contractors Wardrobe	3584	Arlene Stained Glass & Door
3319	Oldcastle BuildingEnvelope®	3467	Contractors Wardrobe	3585	Arlene Stained Glass & Door
3320	Oldcastle BuildingEnvelope®	3468	Contractors Wardrobe	3599	Cardinal CG
3321	Oldcastle BuildingEnvelope®	3469	Contractors Wardrobe	3601	Cardinal CG
3326	Trulite Glass and Aluminum Solutions	3470	Contractors Wardrobe	3603	Trulite Glass and Aluminum Solutions
3327	Trulite Glass and Aluminum Solutions	3472	Contractors Wardrobe	3604	Guardian Fabrication Inc.
3329	Oldcastle BuildingEnvelope®	3473	Contractors Wardrobe	3607	Glass Design of Miami, Inc.
3330	Oldcastle BuildingEnvelope®	3474	Contractors Wardrobe	3619	Cardinal IG
3331	Oldcastle BuildingEnvelope®	3475	Contractors Wardrobe	3631	Intigral
3332	Oldcastle BuildingEnvelope®	3476	Contractors Wardrobe	3635	Consolidated Glass Corp.
3333	Oldcastle BuildingEnvelope®	3477	Contractors Wardrobe	3636	SCHOTT Gemtron (Canada) Corporation
3334	Oldcastle BuildingEnvelope®	3482	PGT Industries	3637	SCHOTT Gemtron (Canada) Corporation
3335	Oldcastle BuildingEnvelope®	3485	Quaker Window Products, Inc.		
3336	Oldcastle BuildingEnvelope®	3486	Quaker Window Products, Inc.	3645	Trulite Glass and Aluminum Solutions
3337	Oldcastle BuildingEnvelope®	3487	Downey Glass Industries, LLC	3646	Trulite Glass and Aluminum Solutions
3338	Oldcastle BuildingEnvelope®	3489	Xinyi Group (Glass) Co., Ltd.	3647	Trulite Glass and Aluminum Solutions
3339	Oldcastle BuildingEnvelope®	3492	Oldcastle BuildingEnvelope®	3656	All Team Glass & Mirror, Ltd.
3340	Oldcastle BuildingEnvelope®	3495	Trulite Glass and Aluminum Solutions	3659	SCHOTT Gemtron (Canada) Corporation
3392	Oldcastle BuildingEnvelope®	3496	Oldcastle BuildingEnvelope®		
3405	Viwinco, Inc.	3497	Oldcastle BuildingEnvelope®	3661	Galaxy Glass & Stone
3406	Viwinco, Inc.	3498	Oldcastle BuildingEnvelope®	3672	Guardian Industries Corp.
3407	Trulite Glass and Aluminum Solutions	3499	Oldcastle BuildingEnvelope®	3673	Guardian Industries Corp.
3408	Viwinco, Inc.	3500	Oldcastle BuildingEnvelope®	3689	Viracon Inc.
3418	Industrial Tempering Glass	3501	Oldcastle BuildingEnvelope®	3690	QinHuangDao Tianrui Tempered Technology Glass Co.
3419	Industrial Tempering Glass	3502	Oldcastle BuildingEnvelope®		
3420	Coral Industries Glass Division	3503	Oldcastle BuildingEnvelope®	3698	AGC Glass Co. North America Building Products Fabrication
3421	AGC Glass Co. North America Building Products Fabrication	3505	Cardinal LG	3701	Dallas Flat Glass
3425	Oldcastle BuildingEnvelope®	3506	Cardinal LG	3711	PFG Glass
3426	Oldcastle BuildingEnvelope®	3507	Cardinal LG	3714	Insulite Glass Co., Inc.
3427	Oldcastle BuildingEnvelope®	3508	Cardinal LG	3715	Insulite Glass Co., Inc.
3428	Oldcastle BuildingEnvelope®	3509	Cardinal LG	3716	Insulite Glass Co., Inc.
3430	Trulite Glass and Aluminum Solutions	3510	Cardinal LG	3717	Insulite Glass Co., Inc.
3431	TianJin Dong Sung Home Building Materials Co. Ltd.	3532	Kohler Company	3718	Insulite Glass Co., Inc.
		3536	Trulite Glass and Aluminum Solutions	3720	Insulite Glass Co., Inc.
3439	Oldcastle BuildingEnvelope®	3538	PFG Glass	3729	Oldcastle BuildingEnvelope®
3440	Oldcastle BuildingEnvelope®	3539	PFG Glass	3730	Qinhuangdao Kunping Safety Glass Co. Ltd.
3441	Oldcastle BuildingEnvelope®	3540	PFG Glass		
3442	Oldcastle BuildingEnvelope®	3541	PFG Glass	3736	Yao Xiang Glass Product Co. Ltd.
3443	Oldcastle BuildingEnvelope®	3542	PFG Glass	3737	Yao Xiang Glass Product Co. Ltd.
3444	Oldcastle BuildingEnvelope®	3543	PFG Glass	3738	Yao Xiang Glass Product Co. Ltd.
3445	Oldcastle BuildingEnvelope®	3544	PFG Glass	3739	Yao Xiang Glass Product Co. Ltd.
3446	Oldcastle BuildingEnvelope®	3547	PFG Glass	3740	Yao Xiang Glass Product Co. Ltd.
3447	Oldcastle BuildingEnvelope®	3548	PFG Glass	3741	Yao Xiang Glass Product Co. Ltd.
3448	Oldcastle BuildingEnvelope®	3549	PFG Glass	3742	Yao Xiang Glass Product Co. Ltd.
3453	Glass Design of Miami, Inc.	3554	Trulite Glass and Aluminum Solutions	3743	Yao Xiang Glass Product Co. Ltd.
3454	Glass Design of Miami, Inc.	3555	Cardinal CG	3745	Ready Glass & Mirror, Inc.
		3556	Al Abbar Architectural Glass		

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
3746	Ready Glass & Mirror, Inc.	3893	Taiwan Glass Industry Corp.	3957	JYC Glass Co. Ltd.
3747	Ready Glass & Mirror, Inc.	3905	PT Abebersa Pratama	3958	JYC Glass Co. Ltd.
3748	Ready Glass & Mirror, Inc.	3906	PT Abebersa Pratama	3959	JYC Glass Co. Ltd.
3750	Berkowitz, J.E.	3907	Oldcastle BuildingEnvelope®	3960	JYC Glass Co. Ltd.
3787	Tai Shan City Da Heng Art Glass Ltd.	3912	Dillmeier Enterprise, Inc.	3961	JYC Glass Co. Ltd.
3788	Tai Shan City Da Heng Art Glass Ltd.	3913	Dillmeier Enterprise, Inc.	3962	JYC Glass Co. Ltd.
3789	Tai Shan City Da Heng Art Glass Ltd.	3914	Dillmeier Enterprise, Inc.	3963	JYC Glass Co. Ltd.
3793	Oldcastle BuildingEnvelope®	3915	Dillmeier Enterprise, Inc.	3970	GGI Glass Distributors Corp.
3796	Oldcastle BuildingEnvelope®	3916	Dillmeier Enterprise, Inc.	3971	GGI Glass Distributors Corp.
3805	Quality Glass & Mirror, Inc.	3917	Dillmeier Enterprise, Inc.	3972	GGI Glass Distributors Corp.
3806	Commercial Insulating Glass Co.	3918	Pennsylvania Insulating Glass	3973	GGI Glass Distributors Corp.
3807	Commercial Insulating Glass Co.	3919	Pennsylvania Insulating Glass	3974	GGI Glass Distributors Corp.
3808	Commercial Insulating Glass Co.	3925	Trulite Glass and Aluminum Solutions	3976	Al Abbar Architectural Glass
3810	Basco Engineered Products	3927	Trulite Glass and Aluminum Solutions	3977	Al Abbar Architectural Glass
3811	Basco Engineered Products	3928	Trulite Glass and Aluminum Solutions	3978	SAAND London
3812	Basco Engineered Products	3931	Trulite Glass and Aluminum Solutions	3979	SAAND London
3817	Coral Industries Glass Division	3932	Dongguan CSG Architectural Glass Co., Ltd.	3980	SAAND London
3818	Trulite Glass and Aluminum Solutions	3933	Dongguan CSG Architectural Glass Co., Ltd.	3981	SAAND London
3822	Flat Glass Distributors	3934	Dongguan CSG Architectural Glass Co., Ltd.	3991	JYC Glass Co. Ltd.
3823	Flat Glass Distributors	3935	Dongguan CSG Architectural Glass Co., Ltd.	3992	JYC Glass Co. Ltd.
3824	Flat Glass Distributors	3936	Dongguan CSG Architectural Glass Co., Ltd.	3993	JYC Glass Co. Ltd.
3825	Flat Glass Distributors	3937	Dongguan CSG Architectural Glass Co., Ltd.	3994	JYC Glass Co. Ltd.
3826	Flat Glass Distributors	3938	Dongguan CSG Architectural Glass Co., Ltd.	3999	Oldcastle BuildingEnvelope®
3828	Flat Glass Distributors	3939	Dongguan CSG Architectural Glass Co., Ltd.	4001	Oldcastle BuildingEnvelope®
3830	Flat Glass Distributors	3941	Guangdong Golden Glass Technologies	4002	Custom Glass Products Inc.
3831	Flat Glass Distributors	3942	Guangdong Golden Glass Technologies	4003	Tecnoglass S.A.
3839	Trulite Glass and Aluminum Solutions	3943	Guangdong Golden Glass Technologies	4004	Tri-Star Glass, Inc.
3841	Glenny Glass Co.	3944	Guangdong Golden Glass Technologies	4005	Tri-Star Glass, Inc.
3843	Glenny Glass Co.	3945	Guangdong Golden Glass Technologies	4006	Tri-Star Glass, Inc.
3844	Glenny Glass Co.	3946	Guangdong Golden Glass Technologies	4007	Tri-Star Glass, Inc.
3845	Glenny Glass Co.	3947	Guangdong Golden Glass Technologies	4008	Tri-Star Glass, Inc.
3846	Glenny Glass Co.	3948	United Plate Glass Company of Charlotte	4009	Tri-Star Glass, Inc.
3857	GGI Glass Distributors Corp.	3949	United Plate Glass Company of Charlotte	4010	Tri-Star Glass, Inc.
3858	GGI Glass Distributors Corp.	3950	United Plate Glass Company of Charlotte	4011	Tri-Star Glass, Inc.
3859	Innovative Glass of America, Inc.	3951	United Plate Glass Company of Charlotte	4012	Kohler Company
3860	Innovative Glass of America, Inc.	3952	United Plate Glass Company of Charlotte	4021	Tianjin CSG Energy Conservation Glass Co., Ltd
3861	Innovative Glass of America, Inc.	3954	United Plate Glass Company of Charlotte	4022	Tianjin CSG Energy Conservation Glass Co., Ltd
3862	Innovative Glass of America, Inc.	3955	United Plate Glass Company of Charlotte	4023	Tianjin CSG Energy Conservation Glass Co., Ltd
3863	Innovative Glass of America, Inc.			4024	Tianjin CSG Energy Conservation Glass Co., Ltd
3864	Innovative Glass of America, Inc.			4025	Tianjin CSG Energy Conservation Glass Co., Ltd
3865	Denver Glass Interiors, Inc.			4026	Tianjin CSG Energy Conservation Glass Co., Ltd
3866	Denver Glass Interiors, Inc.			4027	Tianjin CSG Energy Conservation Glass Co., Ltd
3867	Denver Glass Interiors, Inc.			4028	Tianjin CSG Energy Conservation Glass Co., Ltd
3868	Denver Glass Interiors, Inc.			4030	Tianjin CSG Energy Conservation Glass Co., Ltd
3871	Cardinal Tempering			4031	General Glass
3872	Cardinal Tempering			4032	General Glass
3873	Cardinal Tempering			4033	General Glass
3874	Cardinal Tempering			4034	General Glass
3875	Cardinal Tempering				
3880	PGT Industries				
3881	PGT Industries				
3886	Taiwan Glass Industry Corp.				
3887	Taiwan Glass Industry Corp.				
3888	Taiwan Glass Industry Corp.				
3889	Taiwan Glass Industry Corp.				
3890	Taiwan Glass Industry Corp.				
3891	Taiwan Glass Industry Corp.				

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
4035	TianJin Dong Sung Home Building Materials Co. Ltd.	4132	Dongguan Dongfa Glass Product Co., Ltd	4213	Trulite Glass and Aluminum Solutions
4041	Vidrios Marte SAPI DE CV	4133	Oldcastle BuildingEnvelope®	4214	Trulite Glass and Aluminum Solutions
4042	Vidrios Marte SAPI DE CV	4134	Trulite Glass and Aluminum Solutions	4215	Trulite Glass and Aluminum Solutions
4046	AGC Flat Glass North America	4135	Trulite Glass and Aluminum Solutions	4216	Trulite Glass and Aluminum Solutions
4047	Cardinal CG	4137	Cardinal CG	4217	Trulite Glass and Aluminum Solutions
4048	WSD Glass, Inc.	4139	Basco Engineered Products	4218	Trulite Glass and Aluminum Solutions
4049	WSD Glass, Inc.	4146	Deqing Sanxing Plastic Chemical Co. Ltd.	4219	Trulite Glass and Aluminum Solutions
4050	WSD Glass, Inc.			4220	Trulite Glass and Aluminum Solutions
4051	WSD Glass, Inc.	4147	Deqing Sanxing Plastic Chemical Co. Ltd.	4221	Trulite Glass and Aluminum Solutions
4052	WSD Glass, Inc.			4225	RF Supply, Inc.
4054	Oldcastle BuildingEnvelope®	4148	Nashville Tempered Glass LLC	4226	RF Supply, Inc.
4055	Deqing Sanxing Plastic Chemical Co. Ltd.	4152	Trulite Glass and Aluminum Solutions	4227	RF Supply, Inc.
4056	Deqing Sanxing Plastic Chemical Co. Ltd.	4153	Trulite Glass and Aluminum Solutions	4233	Trulite Glass and Aluminum Solutions
4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4154	EFCO Corporation	4240	Industrial Tempering Glass
4061	Troy Systems LLC	4156	Qinhuangdao Detai Tempered Glass Co., Ltd.	4246	Vetzeria Valentini S.R.L.
4062	Troy Systems LLC			4247	Oldcastle BuildingEnvelope®
4063	Troy Systems LLC	4158	Trulite Glass and Aluminum Solutions	4248	GGI Glass Distributors Corp.
4067	Shanghai SYP Engineering Glass	4159	Trulite Glass and Aluminum Solutions	4249	Viracon Inc.
4068	Shanghai SYP Engineering Glass	4160	Trulite Glass and Aluminum Solutions	4250	Viracon Inc.
4069	Shanghai SYP Engineering Glass	4161	JYC Glass Co. Ltd.	4254	Mercer Glass Fab LLC
4070	Shanghai SYP Engineering Glass	4162	JYC Glass Co. Ltd.	4255	Mercer Glass Fab LLC
4071	Shanghai SYP Engineering Glass	4163	JYC Glass Co. Ltd.	4256	Mercer Glass Fab LLC
4072	Shanghai SYP Engineering Glass	4165	JYC Glass Co. Ltd.	4257	Mercer Glass Fab LLC
4073	Shanghai SYP Engineering Glass	4166	JYC Glass Co. Ltd.	4258	Mercer Glass Fab LLC
4074	Shanghai SYP Engineering Glass	4167	Dongguan CSG Architectural Glass Co., Ltd.	4277	Trulite Glass and Aluminum Solutions
4075	Tianjin SYP Engineering Glass	4169	W. A. Wilson Inc.	4278	SAAND London
4076	Tianjin SYP Engineering Glass	4170	W. A. Wilson Inc.	4280	M/M Tempering Inc.
4077	Tianjin SYP Engineering Glass	4171	W. A. Wilson Inc.	4281	M/M Tempering Inc.
4078	Tianjin SYP Engineering Glass	4172	W. A. Wilson Inc.	4282	M/M Tempering Inc.
4079	Tianjin SYP Engineering Glass	4173	W. A. Wilson Inc.	4285	Contour Industries, Inc.
4080	Tianjin SYP Engineering Glass	4175	W. A. Wilson Inc.	4290	Thermo BSL
4081	Tianjin SYP Engineering Glass	4176	W. A. Wilson Inc.	4291	Thermo BSL
4084	Tianjin SYP Engineering Glass	4179	Xinyi Group (Glass) Co., Ltd.	4292	Thermo BSL
4089	Trulite Glass and Aluminum Solutions	4180	Oldcastle BuildingEnvelope®	4293	Thermo BSL
4090	Trulite Glass and Aluminum Solutions	4181	Oldcastle BuildingEnvelope®	4299	Mega Tempering
4091	Cardinal IG	4182	Trulite Glass and Aluminum Solutions	4300	Mega Tempering
4103	Cardinal CG	4183	Trulite Glass and Aluminum Solutions	4301	Mega Tempering
4104	Cardinal CG	4184	Trulite Glass and Aluminum Solutions	4303	Jiangmen SYP Engineering Glass
4105	Cardinal CG	4185	Trulite Glass and Aluminum Solutions	4304	Jiangmen SYP Engineering Glass
4106	Tianjin CSG Energy Conservation Glass Co., Ltd	4186	Trulite Glass and Aluminum Solutions	4305	Jiangmen SYP Engineering Glass
4107	Tianjin CSG Energy Conservation Glass Co., Ltd	4187	Trulite Glass and Aluminum Solutions	4306	Jiangmen SYP Engineering Glass
4108	Tianjin CSG Energy Conservation Glass Co., Ltd	4188	Trulite Glass and Aluminum Solutions	4307	Jiangmen SYP Engineering Glass
4120	Cardinal LG	4189	Trulite Glass and Aluminum Solutions	4308	Jiangmen SYP Engineering Glass
4121	EFCO Corporation	4197	United Plate Glass Company of Charlotte	4309	Jiangmen SYP Engineering Glass
4123	Dongguan Dongfa Glass Product Co., Ltd	4198	Glass and Mirror Craft	4310	Jiangmen SYP Engineering Glass
4124	Dongguan Dongfa Glass Product Co., Ltd	4199	Glass and Mirror Craft	4312	Jiangmen SYP Engineering Glass
4125	Dongguan Dongfa Glass Product Co., Ltd	4200	Glass and Mirror Craft	4318	Maryland Glass & Mirror
4126	Dongguan Dongfa Glass Product Co., Ltd	4202	Glass and Mirror Craft	4319	Maryland Glass & Mirror
		4203	Glass and Mirror Craft	4320	Maryland Glass & Mirror
		4204	Glass and Mirror Craft	4321	Maryland Glass & Mirror
		4206	SIGCO, Inc.	4322	Maryland Glass & Mirror
		4207	Trulite Glass and Aluminum Solutions	4326	SIGCO, Inc.
		4209	Trulite Glass and Aluminum Solutions	4327	SIGCO, Inc.
		4210	Trulite Glass and Aluminum Solutions	4328	Aldora Aluminum and Glass Products Inc.
		4212	Trulite Glass and Aluminum Solutions	4329	Aldora Aluminum and Glass Products Inc.

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
4330	Aldora Aluminum and Glass Products Inc.	4397	Oldcastle BuildingEnvelope®	4510	Techni-Glass, Inc.
4331	Aldora Aluminum and Glass Products Inc.	4398	Oldcastle BuildingEnvelope®	4512	Perficom S.A. DE C.V.
4332	Aldora Aluminum and Glass Products Inc.	4399	Oldcastle BuildingEnvelope®	4517	Blue Star Glass Inc.
4333	Aldora Aluminum and Glass Products Inc.	4400	Oldcastle BuildingEnvelope®	4518	Blue Star Glass Inc.
4334	Aldora Aluminum and Glass Products Inc.	4401	Oldcastle BuildingEnvelope®	4519	Blue Star Glass Inc.
4335	Aldora Aluminum and Glass Products Inc.	4402	Oldcastle BuildingEnvelope®	4520	Blue Star Glass Inc.
4336	Aldora Aluminum and Glass Products Inc.	4411	Tri-Star Glass, Inc.	4521	Blue Star Glass Inc.
4337	Aldora Aluminum and Glass Products Inc.	4413	Glass Dynamics, Inc.	4522	Trulite Glass and Aluminum Solutions
4338	Aldora Aluminum and Glass Products Inc.	4414	Glass Dynamics, Inc.	4523	Solar Seal Connecticut
4339	Aldora Aluminum and Glass Products Inc.	4419	Garibaldi Glass Ind. Inc.	4524	Multiver
4340	Oldcastle BuildingEnvelope®	4420	Garibaldi Glass Ind. Inc.	4526	Oldcastle BuildingEnvelope®
4342	Trulite Glass and Aluminum Solutions	4421	Garibaldi Glass Ind. Inc.	4527	Oldcastle BuildingEnvelope®
4343	Cardinal CG	4422	Garibaldi Glass Ind. Inc.	4528	Oldcastle BuildingEnvelope®
4344	Cardinal CG	4424	Oldcastle BuildingEnvelope®	4529	Oldcastle BuildingEnvelope®
4345	Cardinal CG	4425	Fairis C.A.	4530	Mercer Glass Fab LLC
4346	Oldcastle BuildingEnvelope®	4426	Fairis C.A.	4531	Oldcastle BuildingEnvelope®
4347	Cardinal CG	4427	Fairis C.A.	4533	Oldcastle BuildingEnvelope®
4350	Cardinal LG	4428	Fairis C.A.	4535	Guangdong Golden Glass Technologies
4351	Cardinal LG	4429	Fairis C.A.	4543	SIGCO, Inc.
4353	Shanghai SYP Building Glass	4430	Fairis C.A.	4546	Cleer Vision Tempered Glass
4354	Viracon Inc.	4431	Hartung Glass Industries Lami	4547	Cleer Vision Tempered Glass
4355	All Team Glass & Mirror, Ltd.	4432	Oldcastle BuildingEnvelope®	4554	Trulite Glass and Aluminum Solutions
4356	SAAND Toronto	4433	Oldcastle BuildingEnvelope®	4555	Trulite Glass and Aluminum Solutions
4357	SAAND Toronto	4435	Oldcastle BuildingEnvelope®	4558	Oldcastle BuildingEnvelope®
4358	SAAND Toronto	4437	Trulite Glass and Aluminum Solutions	4561	Oldcastle BuildingEnvelope®
4361	Cardinal LG	4443	Oldcastle BuildingEnvelope®	4563	Oldcastle BuildingEnvelope®
4362	Cardinal LG	4444	Oldcastle BuildingEnvelope®	4566	Dallas Flat Glass
4363	Changshu Zhongxin Bldg. Mat. Co.	4446	Oldcastle BuildingEnvelope®	4567	Dallas Flat Glass
4371	Trulite Glass and Aluminum Solutions	4448	Oldcastle BuildingEnvelope®	4571	Architectural Glass Products, LLC
4372	Trulite Glass and Aluminum Solutions	4449	Oldcastle BuildingEnvelope®	4572	Architectural Glass Products, LLC
4373	Trulite Glass and Aluminum Solutions	4452	Trulite Glass and Aluminum Solutions	4573	Architectural Glass Products, LLC
4374	Trulite Glass and Aluminum Solutions	4453	Trulite Glass and Aluminum Solutions	4574	Architectural Glass Products, LLC
4375	Glass Dynamics, Inc.	4454	Oldcastle BuildingEnvelope®	4575	Jiangmen SYP Engineering Glass
4376	Glass Dynamics, Inc.	4455	Oldcastle BuildingEnvelope®	4578	Cardinal CT
4379	Wholesale Glass Dist.	4456	Oldcastle BuildingEnvelope®	4579	Cardinal CT
4380	Wholesale Glass Dist.	4458	Oldcastle BuildingEnvelope®	4580	Cardinal CT
4381	Wholesale Glass Dist.	4460	Oldcastle BuildingEnvelope®	4581	Cardinal CT
4382	Wholesale Glass Dist.	4461	Oldcastle BuildingEnvelope®	4582	Cardinal CT
4384	Oldcastle BuildingEnvelope®	4468	Thermoseal Industries, LLC	4584	Cardinal LG
4387	Oldcastle BuildingEnvelope®	4470	Thermoseal Industries, LLC	4587	Cardinal LG
4388	Engineered Glass Products, L.L.C.	4471	Thermoseal Industries, LLC	4588	Intigral
4391	Oldcastle BuildingEnvelope®	4473	Insulite Glass Co., Inc.	4590	Al Abbar Architectural Glass
4392	Oldcastle BuildingEnvelope®	4474	Insulite Glass Co., Inc.	4591	New Angle Beveling
4393	Oldcastle BuildingEnvelope®	4475	Oldcastle BuildingEnvelope®	4592	New Angle Beveling
4394	Kawneer - (Cranberry) a division of Alcoa	4476	Oldcastle BuildingEnvelope®	4593	New Angle Beveling
4395	Kawneer - (Cranberry) a division of Alcoa	4477	Oldcastle BuildingEnvelope®	4594	New Angle Beveling
4396	Oldcastle BuildingEnvelope®	4499	Diamond Sea Glaze	4595	New Angle Beveling
		4500	Diamond Sea Glaze	4597	White Aluminum Enterprises LLC
		4501	Diamond Sea Glaze	4598	White Aluminum Enterprises LLC
		4502	Diamond Sea Glaze	4599	Cardinal CG
		4503	Diamond Sea Glaze	4604	Guardian Industries Corp.
		4504	Diamond Sea Glaze	4605	Guardian Industries Corp.
		4505	Diamond Sea Glaze	4606	Guardian Industries Corp.
		4506	Diamond Sea Glaze	4607	Guardian Industries Corp.
		4507	Denver Glass Interiors, Inc.	4608	Guardian Industries Corp.
		4508	Denver Glass Interiors, Inc.	4609	Guardian Industries Corp.
		4509	Techni-Glass, Inc.		

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
4610	Guardian Industries Corp.	4673	Foshan Nanhai Gangsheng Tempered Glass Factory	4758	Cardinal CT
4611	Guardian Industries Corp.			4759	Cardinal CT
4612	Guardian Industries Corp.	4675	Reem Emirates Aluminum & Glass	4760	Cardinal CT
4613	Guardian Industries Corp.	4676	Reem Emirates Aluminum & Glass	4761	Cardinal CT
4616	American Shower Door	4677	Reem Emirates Aluminum & Glass	4763	Dallas Flat Glass
4618	Oldcastle BuildingEnvelope®	4682	Integral Seal Mfg. Inc.	4764	Global Security Glazing
4620	Cardinal CT	4683	Integral Seal Mfg. Inc.	4765	Global Security Glazing
4621	Cardinal CT	4684	Integral Seal Mfg. Inc.	4766	Global Security Glazing
4622	Cardinal CT	4688	Basco Engineered Products	4767	Global Security Glazing
4623	Cardinal CT	4689	Basco Engineered Products	4768	Global Security Glazing
4624	Cardinal CT	4700	Oldcastle BuildingEnvelope®	4769	Global Security Glazing
4625	Cardinal CT	4701	Contour Industries, Inc.	4770	Global Security Glazing
4626	Downey Glass Industries, LLC	4702	Contour Industries, Inc.	4774	GGI Glass Distributors Corp.
4627	Guardian Industries Corp.	4703	Contour Industries, Inc.	4775	Cardinal CG
4628	Glass Enterprises, Inc.	4704	Contour Industries, Inc.	4779	Viracon Inc.
4629	Glass Enterprises, Inc.	4705	Contour Industries, Inc.	4780	Cardinal CG
4633	Guardian Industries Corp.	4710	Oldcastle BuildingEnvelope®	4781	Cardinal CG
4636	United Plate Glass Company of Charlotte	4711	Pulp Studio Inc.	4783	Cardinal CG
4638	Flat Glass Distributors	4714	Consolidated Glass Corp.	4784	Viracon Inc.
4639	Productos De Valor Agregado en Cristal S.A. de C.V.	4715	Aldora Aluminum and Glass Products, Inc.	4785	Consolidated Glass Corp.
4640	Productos De Valor Agregado en Cristal S.A. de C.V.	4716	Aldora Aluminum and Glass Products, Inc.	4787	Oldcastle BuildingEnvelope®
4641	Productos De Valor Agregado en Cristal S.A. de C.V.	4717	Aldora Aluminum and Glass Products, Inc.	4788	Productos De Valor Agregado en Cristal S.A. de C.V.
4642	Productos De Valor Agregado en Cristal S.A. de C.V.	4718	Aldora Aluminum and Glass Products, Inc.	4789	Aldora Aluminum and Glass Products, Inc.
4643	Amsco Windows	4719	Aldora Aluminum and Glass Products, Inc.	4790	Dallas Flat Glass
4645	Productos De Valor Agregado en Cristal S.A. de C.V.	4720	Viracon Inc.	4791	D3 Glass, LLC
4648	Xinyi Group (Glass) Co., Ltd.	4722	Fairis C.A.	4792	D3 Glass, LLC
4651	Vitra Vidrios Transformados SA de CV	4723	Guangdong Golden Glass Technologies	4793	D3 Glass, LLC
4652	Vitra Vidrios Transformados SA de CV	4724	Basco Engineered Products	4795	D3 Glass, LLC
4653	Vitra Vidrios Transformados SA de CV	4725	View Inc.	4796	Gulf Glass Industries, LLC
4654	Vitra Vidrios Transformados SA de CV	4726	View Inc.	4797	Gulf Glass Industries, LLC
4655	Vitra Vidrios Transformados SA de CV	4727	View Inc.	4798	Gulf Glass Industries, LLC
4656	Guardian Fabrication Inc.	4728	View Inc.	4799	Gulf Glass Industries, LLC
4657	Changshu Xingfu Glass Building Material Co., LTD	4729	Dolphin Glass Specialists, LLC	4800	Guardian Industries Corp.
4658	Guardian Industries Corp.	4730	Tacoma Glass Mfg. Inc.	4801	PGT Industries
4661	The Original Frameless Shower Door	4731	Tacoma Glass Mfg. Inc.	4804	Glasswerks LA, Inc. East
4662	The Original Frameless Shower Door	4732	Tacoma Glass Mfg. Inc.	4805	Glasswerks LA, Inc. East
4663	The Original Frameless Shower Door	4735	Tacoma Glass Mfg. Inc.	4806	Glasswerks LA, Inc. East
4666	Trulite Glass and Aluminum Solutions	4742	Cardinal CT	4807	Shanghai SYP Building Glass
4668	Kohler Company	4743	Trulite Glass and Aluminum Solutions	4810	Aldora Aluminum and Glass Products, Inc.
4669	Foshan Nanhai Gangsheng Tempered Glass Factory	4744	Trulite Glass and Aluminum Solutions	4811	Paragon Tempered Glass
4670	Foshan Nanhai Gangsheng Tempered Glass Factory	4745	Trulite Glass and Aluminum Solutions	4812	PGT Industries
4671	Foshan Nanhai Gangsheng Tempered Glass Factory	4746	Trulite Glass and Aluminum Solutions	4813	McGrory Glass
4672	Foshan Nanhai Gangsheng Tempered Glass Factory	4747	Trulite Glass and Aluminum Solutions	4814	McGrory Glass
		4748	Trulite Glass and Aluminum Solutions	4815	McGrory Glass
		4749	Trulite Glass and Aluminum Solutions	4816	McGrory Glass
		4750	Trulite Glass and Aluminum Solutions	4817	McGrory Glass
		4752	Trulite Glass and Aluminum Solutions	4818	McGrory Glass
		4753	Trulite Glass and Aluminum Solutions	4819	McGrory Glass
		4754	Trulite Glass and Aluminum Solutions	4820	McGrory Glass
		4755	Trulite Glass and Aluminum Solutions	4827	Trulite Glass and Aluminum Solutions
		4756	Cardinal CT	4829	Guardian Industries Corp.
		4757	Cardinal CT	4832	Cameron Glass, Inc.
				4836	Cardinal IG
				4837	Berkowitz, J.E.

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
4838	Dillmeier Enterprise, Inc.	4909	Grand Glass Windows and Doors Inc.	5013	Tempco Glass
4839	Dillmeier Enterprise, Inc.	4911	Prelco Inc.	5014	EFI
4841	Cardinal LG	4912	Prelco Inc.	5016	SAGE Electrochromics Inc.
4842	Cardinal LG	4913	Prelco Inc.	5017	Viracon Inc.
4843	Cardinal LG	4914	Prelco Inc.	5018	Anthony International
4844	Cardinal LG	4915	Prelco Inc.	5019	Glas Works, Inc.
4846	Al Abbar Architectural Glass	4916	Prelco Inc.	5020	Glas Works, Inc.
4847	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4917	Prelco Inc.	5021	Glas Works, Inc.
4848	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4918	Troy Systems LLC	5024	Oldcastle BuildingEnvelope®
4849	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4921	Columbia Commercial Bldg Prod.	5025	Oldcastle BuildingEnvelope®
4850	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4922	Trulite Glass and Aluminum Solutions	5026	EFI
4851	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4923	Trulite Glass and Aluminum Solutions	5027	Interglass Corp
4870	Tai Sheng (Dong Guan) Glass Co.,Ltd	4924	Glass and Mirror Craft	5032	Interglass Corp
4872	Tai Sheng (Dong Guan) Glass Co.,Ltd	4925	McGrory Glass	5033	Interglass Corp
4873	Tai Sheng (Dong Guan) Glass Co.,Ltd	4926	Upstate Glass Tempering Inc.	5034	Interglass Corp
4875	Yong Feng Tai Foshan City Glas Co., LTD.	4927	Upstate Glass Tempering Inc.	5035	Interglass Corp
4876	Yong Feng Tai Foshan City Glas Co., LTD.	4928	JM Glass	5036	Interglass Corp
4877	Yong Feng Tai Foshan City Glas Co., LTD.	4929	JM Glass	5037	Vitra Vidrios Transformados SA de CV
4881	Cardinal TG	4930	JM Glass	5039	Triview Glass Industries
4882	Oldcastle BuildingEnvelope®	4931	JM Glass	5040	Triview Glass Industries
4883	AGNORA (Architectural Glass North America)	4936	Changshu Zhouxing Glass Co. Ltd.	5041	Triview Glass Industries
4884	AGNORA (Architectural Glass North America)	4949	SAAND Ottawa	5042	Triview Glass Industries
4885	AGNORA (Architectural Glass North America)	4950	SAAND Ottawa	5043	Triview Glass Industries
4886	AGNORA (Architectural Glass North America)	4951	SAAND Ottawa	5044	Triview Glass Industries
4887	PG Building Glass Processing	4952	SAAND Ottawa	5045	Triview Glass Industries
4889	GlassFab Tempering Services, Inc.	4953	SAAND Ottawa	5046	Triview Glass Industries
4890	GlassFab Tempering Services, Inc.	4954	SAAND Ottawa	5047	Triview Glass Industries
4891	GlassFab Tempering Services, Inc.	4966	Vidrio Bisel S.A. de C.V.	5048	Triview Glass Industries
4892	GlassFab Tempering Services, Inc.	4967	Vidrio Bisel S.A. de C.V.	5050	Techni-Glass, Inc.
4893	GlassFab Tempering Services, Inc.	4968	Vidrio Bisel S.A. de C.V.	5051	Oldcastle BuildingEnvelope®
4894	GlassFab Tempering Services, Inc.	4969	Vidrio Bisel S.A. de C.V.	5052	Jiangmen SYP Engineering Glass
4895	GlassFab Tempering Services, Inc.	4970	Contract Glass	5053	Jiangmen SYP Engineering Glass
4896	GlassFab Tempering Services, Inc.	4971	Contract Glass	5054	Jiangmen SYP Engineering Glass
4897	GlassFab Tempering Services, Inc.	4972	Contract Glass	5055	Jiangmen SYP Engineering Glass
4898	GlassFab Tempering Services, Inc.	4973	Contract Glass	5056	Vidrio Bisel S.A. de C.V.
4899	GlassFab Tempering Services, Inc.	4974	Contract Glass	5067	Tai Sheng (Dong Guan) Glass Co.,Ltd
4900	NY Tempering LLC	4975	Contract Glass	5068	Tai Sheng (Dong Guan) Glass Co.,Ltd
4901	NY Tempering LLC	4978	Simonton Windows	5071	Grand Glass Windows and Doors Inc.
4902	NY Tempering LLC	4979	Simonton Windows	5076	Basco Engineered Products
4903	NY Tempering LLC	4980	Trulite Glass and Aluminum Solutions	5077	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4904	Prelco Inc.	4981	Trulite Glass and Aluminum Solutions	5078	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4905	Prelco Inc.	4993	Tweddell's Inc.	5079	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4906	Prelco Inc.	4995	SAAND Rexdale	5080	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
4907	Grand Glass Windows and Doors Inc.	4996	SAAND Rexdale	5081	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd
		4997	SAAND Rexdale	5084	Aluminum Technology Auxiliary Industries
		4998	SAAND Rexdale	5085	Cardinal CT
		4999	SAAND Rexdale	5086	Cardinal CT
		5000	SAAND Rexdale	5087	Cardinal CT
		5001	SAAND Rexdale	5088	Cardinal CT
		5002	SAAND Rexdale		
		5003	SAAND Rexdale		
		5005	SAAND Rexdale		
		5008	SAAND Rexdale		
		5009	Tempco Glass		
		5010	Tempco Glass		
		5011	Tempco Glass		
		5012	Tempco Glass		

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
5089	Cardinal CT	5160	Classy Glass Specialties Co., Ltd	5223	Tianjin Northglass Industrial Technical Co., Ltd
5090	Fujian Xihe Sanitary Ware Technology Co., Ltd	5161	Classy Glass Specialties Co., Ltd	5224	Cardinal LG Northeast
5091	Fujian Xihe Sanitary Ware Technology Co., Ltd	5162	Classy Glass Specialties Co., Ltd	5225	Cardinal LG Northeast
5092	Fujian Xihe Sanitary Ware Technology Co., Ltd	5163	Classy Glass Specialties Co., Ltd	5226	Multiver
5093	Louisville Plate Glass Company	5164	Classy Glass Specialties Co., Ltd	5227	Multiver
5095	Cardinal CT	5165	Tacoma Glass Mfg. Inc.	5228	Multiver
5096	Cardinal CT	5166	Tacoma Glass Mfg. Inc.	5229	Nashville Tempered Glass LLC
5097	Cardinal CT	5167	Tacoma Glass Mfg. Inc.	5230	Nashville Tempered Glass LLC
5098	Cardinal CT	5168	Tacoma Glass Mfg. Inc.	5231	Nashville Tempered Glass LLC
5099	Cardinal CT	5169	Classy Glass Specialties Co., Ltd	5232	Future Architectural Glass LLC
5100	Cardinal CT	5170	Classy Glass Specialties Co., Ltd	5234	Anthony International
5101	Cardinal CT - S	5173	W. A. Wilson Inc.	5235	Protective Insulating Glass
5102	Cardinal CT - S	5174	Blue Star Glass Inc.	5236	Protective Insulating Glass
5103	Cardinal CT - S	5175	Blue Star Glass Inc.	5237	Glass Design of Miami, Inc.
5104	Cardinal CT - S	5176	TG Changjiang Glass Co., Ltd	5238	Wuhan Aozheng Science and Technology Co., Ltd.
5105	Cardinal CT - S	5177	TG Changjiang Glass Co., Ltd	5239	Wuhan Aozheng Science and Technology Co., Ltd.
5106	Cardinal CT - S	5178	TG Changjiang Glass Co., Ltd	5240	Wuhan Aozheng Science and Technology Co., Ltd.
5108	Tri-Star Glass, Inc.	5179	TG Changjiang Glass Co., Ltd	5241	Wuhan Aozheng Science and Technology Co., Ltd.
5109	Tri-Star Glass, Inc.	5183	Trulite Glass and Aluminum Solutions	5242	Paragon Tempered Glass
5112	Tacoma Glass Mfg. Inc.	5184	Trulite Glass and Aluminum Solutions	5245	Cardinal CT - W
5116	Glass and Mirror Craft	5185	Trulite Glass and Aluminum Solutions	5246	Cardinal CT - W
5117	Future Architectural Glass LLC	5186	Trulite Glass and Aluminum Solutions	5247	Cardinal CT - W
5118	Future Architectural Glass LLC	5187	Trulite Glass and Aluminum Solutions	5248	Cardinal CT - W
5119	Interglass Corp	5188	Trulite Glass and Aluminum Solutions	5249	Cardinal CT - W
5121	Downey Glass Industries, LLC	5189	Trulite Glass and Aluminum Solutions	5250	Cardinal CT - W
5122	Downey Glass Industries, LLC	5190	Trulite Glass and Aluminum Solutions	5251	Wujiang Golden Glass Technologies, Ltd.
5123	Troy Systems LLC	5191	Trulite Glass and Aluminum Solutions	5252	Wujiang Golden Glass Technologies, Ltd.
5124	Garibaldi Glass Ind. Inc.	5192	Trulite Glass and Aluminum Solutions	5253	Wujiang Golden Glass Technologies, Ltd.
5125	Garibaldi Glass Ind. Inc.	5193	Cardinal LG	5254	Wujiang Golden Glass Technologies, Ltd.
5127	Arlene Stained Glass & Door	5194	Virginia Glass Products Corp.	5255	Wujiang Golden Glass Technologies, Ltd.
5128	GlassFab Tempering Services, Inc.	5199	Robover Inc.	5256	Wujiang Golden Glass Technologies, Ltd.
5129	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	5200	Robover Inc.	5257	Wujiang Golden Glass Technologies, Ltd.
5130	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	5201	Robover Inc.	5258	Wujiang Golden Glass Technologies, Ltd.
5133	Guardian Industries Corp.	5202	Robover Inc.	5259	Glass Dynamics, Inc.
5134	Trulite Glass and Aluminum Solutions	5203	Basco Engineered Products	5260	Dalian Huaying Glass Limited Liability Co.
5135	Inkan Ltd	5204	PPG Inds. Inc.	5261	Dalian Huaying Glass Limited Liability Co.
5136	Inkan Ltd	5205	PPG Inds. Inc.	5262	McGrory Glass
5137	Inkan Ltd	5206	PPG Inds. Inc.	5263	McGrory Glass
5138	Inkan Ltd	5207	PPG Inds. Inc.	5266	Cardinal CT
5139	Inkan Ltd	5208	EFI	5272	Trulite Glass and Aluminum Solutions
5140	Inkan Ltd	5209	EFI	5273	Trulite Glass and Aluminum Solutions
5141	Qinhuangdao Qicaishi	5210	EFI	5274	Trulite Glass and Aluminum Solutions
5142	Guardian Industries Corp.	5211	EFI	5275	Trulite Glass and Aluminum Solutions
5143	Glaz-Tech Industries	5212	Aluminum Technology Auxiliary Industries	5276	Trulite Glass and Aluminum Solutions
5144	Bendheim Wall Systems	5213	SIGCO, Inc.		
5145	Bendheim Wall Systems	5216	Fujian Xihe Sanitary Ware Technology Co., Ltd		
5151	Changshu Xingfu Glass Building Material Co., LTD	5217	Fujian Xihe Sanitary Ware Technology Co., Ltd		
5152	Changshu Xingfu Glass Building Material Co., LTD	5218	Fujian Xihe Sanitary Ware Technology Co., Ltd		
5157	Upstate Glass Tempering Inc.	5219	Garibaldi Glass Ind. Inc.		
5158	Upstate Glass Tempering Inc.	5220	Tianjin Northglass Industrial Technical Co., Ltd		
5159	Classy Glass Specialties Co., Ltd	5221	Tianjin Northglass Industrial Technical Co., Ltd		
		5222	Berkowitz, J.E.		

January 1, 2016

Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
5277	Trulite Glass and Aluminum Solutions	5341	Trulite Glass and Aluminum Solutions	5401	Trulite Glass and Aluminum Solutions
5279	Trulite Glass and Aluminum Solutions	5343	Trulite Glass and Aluminum Solutions	5403	Trulite Glass and Aluminum Solutions
5280	Qinhuangdao Jingxin Glass Co., Ltd.	5344	Trulite Glass and Aluminum Solutions	5404	Trulite Glass and Aluminum Solutions
5281	Cardinal CG	5345	Trulite Glass and Aluminum Solutions	5405	Trulite Glass and Aluminum Solutions
5283	American Insulated Glass Inc.	5346	Trulite Glass and Aluminum Solutions	5406	Trulite Glass and Aluminum Solutions
5284	American Insulated Glass Inc.	5347	Trulite Glass and Aluminum Solutions	5407	Unitex Glass Chengdu Co., Ltd
5285	American Insulated Glass Inc.	5348	Trulite Glass and Aluminum Solutions	5408	Unitex Glass Chengdu Co., Ltd
5286	American Insulated Glass Inc.	5349	Trulite Glass and Aluminum Solutions	5410	M Industria S.A. DE C.V.
5287	American Insulated Glass Inc.	5350	Trulite Glass and Aluminum Solutions	5411	M Industria S.A. DE C.V.
5288	American Insulated Glass Inc.	5351	Changshu Weier Glass Products Co. Ltd.	5412	M Industria S.A. DE C.V.
5289	American Insulated Glass Inc.	5352	Changshu Weier Glass Products Co. Ltd.	5413	M Industria S.A. DE C.V.
5290	Phoenicia Flat Glass Industries	5353	Changshu Weier Glass Products Co. Ltd.	5414	Unitex Glass Chengdu Co., Ltd
5291	Yong Feng Tai Foshan City Glas Co., LTD.	5354	Changshu Weier Glass Products Co. Ltd.	5418	Consolidated Armor Products, LLC
5292	Jin Yao Chang Tempered Glass Co., Ltd	5355	Oldcastle BuildingEnvelope®	5419	Consolidated Armor Products, LLC
5293	Jin Yao Chang Tempered Glass Co., Ltd	5364	Cardinal CT	5420	Alumana Industries
5294	Jin Yao Chang Tempered Glass Co., Ltd	5365	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	5421	Alumana Industries
5295	Simonton Windows	5366	Bronco Industries, Inc.	5422	Alumana Industries
5296	Simonton Windows	5368	Bronco Industries, Inc.	5423	Alumana Industries
5297	Quaker Window Products, Inc.	5369	Kawneer - (Cranberry) a division of Alcoa	5424	Alumana Industries
5298	Thompson I.G. LLC.	5377	Kibing Special Glass Zhangzhou Co., Ltd.	5425	Wolverine Glass Products, Inc.
5299	Thompson I.G. LLC.	5378	Kibing Special Glass Zhangzhou Co., Ltd.	5426	Wolverine Glass Products, Inc.
5300	Thompson I.G. LLC.	5379	Kibing Special Glass Zhangzhou Co., Ltd.	5427	Wolverine Glass Products, Inc.
5301	Thompson I.G. LLC.	5380	Kibing Special Glass Zhangzhou Co., Ltd.	5428	Wolverine Glass Products, Inc.
5302	Thompson I.G. LLC.	5381	Kibing Special Glass Zhangzhou Co., Ltd.	5429	Wolverine Glass Products, Inc.
5303	Thompson I.G. LLC.	5382	Kibing Special Glass Zhangzhou Co., Ltd.	5430	Wolverine Glass Products, Inc.
5304	Thompson I.G. LLC.	5383	Virginia Glass Products Corp.	5431	Wolverine Glass Products, Inc.
5305	Thompson I.G. LLC.	5384	Tweddell's Inc.	5432	Trulite Glass and Aluminum Solutions
5306	Cardinal CG	5385	Tweddell's Inc.	5433	Trulite Glass and Aluminum Solutions
5308	ClearEdge Glass	5386	Tweddell's Inc.	5434	Trulite Glass and Aluminum Solutions
5310	ClearEdge Glass	5387	Oldcastle BuildingEnvelope®	5435	Cardinal IG
5311	ClearEdge Glass	5388	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5436	Shenzhen Kai Tai Glass Co., LTD
5313	ClearEdge Glass	5389	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5437	Shenzhen Kai Tai Glass Co., LTD
5314	ClearEdge Glass	5390	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5438	Shenzhen Kai Tai Glass Co., LTD
5316	Trulite Glass and Aluminum Solutions	5391	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5439	Shenzhen Kai Tai Glass Co., LTD
5317	Trulite Glass and Aluminum Solutions	5392	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5440	Shenzhen Kai Tai Glass Co., LTD
5318	Trulite Glass and Aluminum Solutions	5393	Vitemex	5441	Tri-Star Glass, Inc.
5319	Trulite Glass and Aluminum Solutions	5394	Vitemex	5442	Oldcastle BuildingEnvelope®
5320	Trulite Glass and Aluminum Solutions	5395	Vitemex	5443	Trulite Glass and Aluminum Solutions
5321	Trulite Glass and Aluminum Solutions	5396	Trulite Glass and Aluminum Solutions	5444	Trulite Glass and Aluminum Solutions
5322	Trulite Glass and Aluminum Solutions	5397	Trulite Glass and Aluminum Solutions	5445	Trulite Glass and Aluminum Solutions
5325	Trulite Glass and Aluminum Solutions	5398	Trulite Glass and Aluminum Solutions	5446	Trulite Glass and Aluminum Solutions
5327	Trulite Glass and Aluminum Solutions	5399	Trulite Glass and Aluminum Solutions	5447	Trulite Glass and Aluminum Solutions
5330	ClearEdge Glass	5400	Trulite Glass and Aluminum Solutions	5448	Trulite Glass and Aluminum Solutions
5331	ClearEdge Glass			5449	Trulite Glass and Aluminum Solutions
5335	Cardinal CG			5450	Trulite Glass and Aluminum Solutions
5336	Cardinal CG			5451	Trulite Glass and Aluminum Solutions
5337	Trulite Glass and Aluminum Solutions - West			5452	Glas Works, Inc.
5338	Trulite Glass and Aluminum Solutions - West			5453	Nashville Tempered Glass LLC
5339	Trulite Glass and Aluminum Solutions - West			5454	Nashville Tempered Glass LLC
5340	Trulite Glass and Aluminum Solutions - West			5455	New Century Glass & Aluminum LLC
				5456	New Century Glass & Aluminum LLC
				5457	New Century Glass & Aluminum LLC
				5458	New Century Glass & Aluminum LLC
				5459	Oldcastle BuildingEnvelope®
				5461	Shanghai Chung Glass Co., Ltd.
				5462	Unitex Glass Chengdu Co., Ltd
				5463	Unitex Glass Chengdu Co., Ltd

January 1, 2016
Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
5464	Zhangjiagang City Daming Glass Product Co., Ltd	5518	Trulite Glass and Aluminum Solutions	5587	Wisconsin Shower Door & Supply Corp
5465	Zhangjiagang City Daming Glass Product Co., Ltd	5519	TVITEC	5588	Wisconsin Shower Door & Supply Corp
5466	Zhangjiagang City Daming Glass Product Co., Ltd	5520	Vetzeria F. Illi Paci	5589	Wisconsin Shower Door & Supply Corp
5467	Sky Land Tempering Glass Corp	5521	Flat Glass Group Co., Ltd.	5590	Wisconsin Shower Door & Supply Corp
5468	Sky Land Tempering Glass Corp	5522	Flat Glass Group Co., Ltd.	5592	Wisconsin Shower Door & Supply Corp
5469	Sky Land Tempering Glass Corp	5523	Flat Glass Group Co., Ltd.	5593	Wisconsin Shower Door & Supply Corp
5470	Sky Land Tempering Glass Corp	5524	Flat Glass Group Co., Ltd.	5594	Wisconsin Shower Door & Supply Corp
5471	AGC Glass Co. North America Building Products Fabrication	5525	Flat Glass Group Co., Ltd.	5595	Wisconsin Shower Door & Supply Corp
5473	AGC Glass Co. North America Building Products Fabrication	5526	Flat Glass Group Co., Ltd.	5596	Wisconsin Shower Door & Supply Corp
5474	AGC Glass Co. North America Building Products Fabrication	5527	Solar Seal Massachusetts	5597	Wisconsin Shower Door & Supply Corp
5475	AGC Glass Co. North America Building Products Fabrication	5528	Clarus Glassboards	5598	Glass and Mirror Craft
5476	AGC Glass Co. North America Building Products Fabrication	5529	Qingdao Apis Glass Industries Co. Ltd.	5600	Jin Yao Chang Tempered Glass Co., Ltd
5477	Trulite Glass and Aluminum Solutions	5530	Qingdao Apis Glass Industries Co. Ltd.	5604	Tai Sheng (Dong Guan) Glass Co.,Ltd
5478	Trulite Glass and Aluminum Solutions	5531	Qingdao Apis Glass Industries Co. Ltd.	5605	PRL Glass Systems
5479	Cardinal CT	5532	Xinyi Glass (Tianjin) Co. Ltd.	5606	Clinton Glass Company
5480	Glasswerks LA, Inc. West	5533	Xinyi Glass (Tianjin) Co. Ltd.	5607	Clinton Glass Company
5481	Glasswerks LA, Inc. West	5534	Xinyi Glass (Tianjin) Co. Ltd.	5608	Clinton Glass Company
5482	Glasswerks LA, Inc. West	5535	Xinyi Glass (Tianjin) Co. Ltd.	5612	Al Ghussun Bldg. Metallic Const. Factory LLC
5483	Trulite Glass and Aluminum Solutions	5536	Xinyi Glass (Tianjin) Co. Ltd.	5613	Qingdao Jinjing Co., Ltd.
5484	Trulite Glass and Aluminum Solutions	5537	Xinyi Glass (Tianjin) Co. Ltd.	5614	Columbia Commercial Bldg Prod.
5485	Trulite Glass and Aluminum Solutions	5538	Xinyi Glass (Tianjin) Co. Ltd.	5615	Columbia Commercial Bldg Prod.
5486	Tai Sheng (Dong Guan) Glass Co.,Ltd	5539	Xinyi Glass (Tianjin) Co. Ltd.	5616	Columbia Commercial Bldg Prod.
5487	Tai Sheng (Dong Guan) Glass Co.,Ltd	5549	Foshan Nanhai Gangsheng Tempered Glass Factory	5617	Qingdao Jinjing Co., Ltd.
5488	Tai Sheng (Dong Guan) Glass Co.,Ltd	5550	Foshan Nanhai Gangsheng Tempered Glass Factory	5618	The Glass Guild Ltd.
5489	Jin Yao Chang Tempered Glass Co., Ltd	5551	Foshan Nanhai Gangsheng Tempered Glass Factory	5619	The Glass Guild Ltd.
5490	Taiwan Glass Industry Corp.	5552	Foshan Nanhai Gangsheng Tempered Glass Factory	5620	Glas Works, Inc.
5498	Produits Verrier International Inc.	5554	Downey Glass Industries, LLC	5621	DDG Glass Manufacturing SDN BHD
5499	Produits Verrier International Inc.	5555	Viracon Inc.	5622	DDG Glass Manufacturing SDN BHD
5500	Produits Verrier International Inc.	5556	Viracon Inc.	5623	DDG Glass Manufacturing SDN BHD
5501	Produits Verrier International Inc.	5557	Viracon Inc.	5624	DDG Glass Manufacturing SDN BHD
5502	Produits Verrier International Inc.	5558	Beijing Wuhua Tianbao Glass Co.	5625	DDG Glass Manufacturing SDN BHD
5503	Produits Verrier International Inc.	5559	Beijing Wuhua Tianbao Glass Co.	5626	DDG Glass Manufacturing SDN BHD
5504	Produits Verrier International Inc.	5560	Beijing Wuhua Tianbao Glass Co.	5627	DDG Glass Manufacturing SDN BHD
5505	Produits Verrier International Inc.	5561	Beijing Wuhua Tianbao Glass Co.	5628	DDG Glass Manufacturing SDN BHD
5507	Trulite Glass and Aluminum Solutions	5562	Beijing Wuhua Tianbao Glass Co.	5629	Phoenicia Flat Glass Industries
5508	Trulite Glass and Aluminum Solutions	5563	Beijing Wuhua Tianbao Glass Co.	5630	Oldcastle BuildingEnvelope®
5509	Trulite Glass and Aluminum Solutions	5564	Industrial Tempering Glass	5631	Trulite Glass and Aluminum Solutions
5510	Trulite Glass and Aluminum Solutions	5565	Industrial Tempering Glass	5632	Trulite Glass and Aluminum Solutions
5511	Trulite Glass and Aluminum Solutions	5566	Rizhao Huaye Glass Co., Ltd.	5634	Ready Glass & Mirror, Inc.
5512	Sanshiba	5568	Rizhao Huaye Glass Co., Ltd.	5635	ATI Windows
5513	Insulite Glass Co., Inc.	5569	Rizhao Huaye Glass Co., Ltd.	5636	ATI Windows
5514	Yong Feng Tai Foshan City Glas Co., LTD.	5570	Rizhao Huaye Glass Co., Ltd.	5637	ATI Windows
5515	Yong Feng Tai Foshan City Glas Co., LTD.	5571	Rizhao Huaye Glass Co., Ltd.	5638	ATI Windows
5516	Trulite Glass and Aluminum Solutions	5572	Rizhao Huaye Glass Co., Ltd.	5639	ATI Windows
5517	Trulite Glass and Aluminum Solutions	5573	Rizhao Huaye Glass Co., Ltd.	5655	SAGE Electrochromics Inc.
		5580	Rizhao Huaye Glass Co., Ltd.	5660	SAGE Electrochromics Inc.
		5581	Rizhao Huaye Glass Co., Ltd.		
		5582	Viracon Inc.		
		5584	GlassFab Tempering Services, Inc.		
		5585	Wisconsin Shower Door & Supply Corp		

January 1, 2016

Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
5661	Beijing Wuhua Tianbao Glass Co.	5719	Quest Window Systems		
5662	Beijing Wuhua Tianbao Glass Co.	5720	Cardinal CG		
5663	Beijing Wuhua Tianbao Glass Co.	5721	Solar Seal Virginia		
5664	Beijing Wuhua Tianbao Glass Co.	5722	Solar Seal Virginia		
5665	Zhangjiagang City Zaofa Safety Glass Co., Ltd.	5723	Solar Seal Virginia		
5666	Zhangjiagang City Zaofa Safety Glass Co., Ltd.	5724	Solar Seal Virginia		
5667	Zhangjiagang City Zaofa Safety Glass Co., Ltd.	5725	Solar Seal Virginia		
		5726	Solar Seal Virginia		
5672	Thermo BSL	5727	Robover Inc.		
5673	Thermo BSL	5728	Trulite Glass and Aluminum Solutions		
5674	Thermo BSL	5729	Nashville Tempered Glass Corp.		
5676	Sunglas Technics Co., Ltd.	5730	Thermal Seal Insulating Glass		
5677	Sunglas Technics Co., Ltd.	5731	Thermal Seal Insulating Glass		
5678	Sunglas Technics Co., Ltd.	5732	Thermal Seal Insulating Glass		
5679	Sunglas Technics Co., Ltd.	5733	Thermal Seal Insulating Glass		
5680	Trulite Glass and Aluminum Solutions	5734	Thermal Seal Insulating Glass		
5681	Best Deal Millworks	5735	Thermal Seal Insulating Glass		
5682	Best Deal Millworks	5736	Thermal Seal Insulating Glass		
5683	Best Deal Millworks	5737	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.		
5684	Jin Yao Chang Tempered Glass Co., Ltd	5738	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.		
5685	Dlubak Corporation	5739	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.		
5686	Trulite Glass and Aluminum Solutions	5740	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.		
5687	Trulite Glass and Aluminum Solutions	5741	Pulp Studio Inc.		
5688	Trulite Glass and Aluminum Solutions	5742	Pulp Studio Inc.		
5689	Qingdao Laurel Enterprise Co., Ltd.	5746	Trulite Glass and Aluminum Solutions		
5690	Triton Glass LLC	5747	Trulite Glass and Aluminum Solutions		
5691	Triton Glass LLC	5748	General Glass		
5692	Triton Glass LLC	5749	Global Security Glazing		
5693	Triton Glass LLC	5750	General Glass		
5694	Triton Glass LLC	5751	General Glass		
5695	Cristec Vipla SL	5755	Cat-I Manufacturing, Inc.		
5696	Cristec Vipla SL	5761	M Industria S.A. DE C.V.		
5697	Cristec Vipla SL	5762	Tri-Star Glass, Inc.		
5698	Cristec Vipla SL	5783	Trulite Glass and Aluminum Solutions		
5699	Cristec Vipla SL	5784	Trulite Glass and Aluminum Solutions		
5700	Trulite Glass and Aluminum Solutions	5785	Nashville Tempered Glass Corp.		
5701	Trulite Glass and Aluminum Solutions	5786	Phoenicia Flat Glass Industries		
5702	Trulite Glass and Aluminum Solutions				
5703	Trulite Glass and Aluminum Solutions				
5704	Trulite Glass and Aluminum Solutions				
5705	Trulite Glass and Aluminum Solutions				
5706	Trulite Glass and Aluminum Solutions				
5707	Trulite Glass and Aluminum Solutions				
5708	Jiaxing Joinbath Corporation				
5709	Jiaxing Joinbath Corporation				
5710	Jiaxing Joinbath Corporation				
5711	Jiaxing Joinbath Corporation				
5712	Jiaxing Joinbath Corporation				
5713	Jiaxing Joinbath Corporation				
5714	Glassshape NA L.P.				
5715	Glassshape NA L.P.				
5716	Glassshape NA L.P.				
5717	Glassshape NA L.P.				
5718	Oldcastle BuildingEnvelope®				

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
AGC Flat Glass North America ; Greenland, TN						Aldora Aluminum and Glass Products Inc. ; Charleston, SC					
598	COMP+CAN	1/8	3.0 TTG		U A	4328	COMPOSITE	1/8	3.0 TTG		U A
955	COMP+CAN	5/32	4.0 TTG		U A	4329	COMPOSITE	5/32	4.0 TTG		U A
220	COMP+CAN	3/16	5.0 TTG		U A	4330	COMPOSITE	3/16	5.0 TTG		U A
89	COMP+CAN	1/4	6.0 TTG		U A	4331	COMPOSITE	1/4	6.0 TTG		U A
4046	COMP+CAN	5/16	8.0 TTG		U A	4335	COMPOSITE	3/8	10.0 TTG		U A
90	COMP+CAN	3/8	10.0 TTG		U A	4336	COMPOSITE	1/2	12.0 TTG		U A
587	COMP+CAN	1/8	3.0 TPG (s)		U A	4332	COMPOSITE	1/8	3.0 TPG (s)		U A
2980	COMP+CAN	5/32	4.0 TPG (m)		U A	4333	COMPOSITE	5/32	4.0 TPG (d)		U A
1139	COMP+CAN	3/16	5.0 TPG (s)		U A	4334	COMPOSITE	3/16	5.0 TPG (d)		U A
AGC Flat Glass North America ; Spring Hill, KS						4338	COMPOSITE	1/4	6.0 TPG (m)		U A
1702	COMP+CAN	1/8	3.0 TTG		U A	4339	COMPOSITE	3/8	10.0 TPG (s)		U A
1703	COMP+CAN	5/32	4.0 TTG		U A	4337	COMPOSITE	(H)	8, 12 LTG (lu)(A)	(.060)	U A
1704	COMP+CAN	3/16	5.0 TTG		U A	Aldora Aluminum and Glass Products, Inc. ; Miramar, FL					
1705	COMP+CAN	1/4	6.0 TTG		U A	4715	COMPOSITE	1/8	3.0 TTG		U A
AGC Glass Co. North America Building Products Fabrication ; Boardman, OH						4716	COMPOSITE	3/16	5.0 TTG		U A
5471	COMP+CAN	1/8	3.0 TTG		U A	4717	COMPOSITE	1/4	6.0 TTG		U A
5473	COMP+CAN	3/16	5.0 TTG		U A	4718	COMPOSITE	3/8	10.0 TTG		U A
5474	COMP+CAN	1/4	6.0 TTG		U A	4719	COMPOSITE	1/2	12.0 TTG		U A
5475	COMP+CAN	1/8	3.0 TPG (m)		U A	4810	COMPOSITE	3/4	19.0 TTG		U A
5476	COMP+CAN	3/16	5.0 TPG (m)		U A	4789	COMPOSITE	(H)	12 LTG (lu)(A)(6)	(.090)	U A
AGC Glass Co. North America Building Products Fabrication ; Quakertown, PA						All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada					
2507	COMPOSITE	1/8	3.0 TTG		U A	1754	COMPOSITE	5/32	4.0 TTG		U A
3421	COMPOSITE	5/32	4.0 TTG		U A	1755	COMPOSITE	3/16	5.0 TTG		U A
2509	COMPOSITE	3/16	5.0 TTG		U A	1756	COMPOSITE	1/4	6.0 TTG		U A
2666	COMPOSITE	1/4	6.0 TTG		U A	2790	COMPOSITE	5/16	8.0 TTG		U A
2510	COMPOSITE	1/8	3.0 TPG (m)		U A	1757	COMPOSITE	3/8	10.0 TTG		U A
3698	COMPOSITE	3/16	5.0 TPG (m)		U A	1758	COMPOSITE	1/2	12.0 TTG		U A
AGNORA (Architectural Glass North America) ; Collingwood, ON Canada						4355	COMPOSITE	5/8	16.0 TTG		U A
4883	COMP+CAN	1/4	6.0 TTG		U A	3656	COMPOSITE	3/4	19.0 TTG		U A
4885	COMP+CAN	3/8	10.0 TTG		U A	Alumana Industries ; Doha, Qatar					
4884	COMP+CAN	1/2	12.0 TTG		U A	5420	COMPOSITE	1/4	6.0 TTG		U A
4886	COMP+CAN	(H)	12+ LTG (b)(A)	(.030)	U A	5421	COMPOSITE	5/16	8.0 TTG		U A
AI Abbar Architectural Glass ; Dubai, United Arab Emirates						5422	COMPOSITE	1/2	12.0 TTG		U A
4846	COMPOSITE	3/16	5.0 TTG		U A	5424	COMPOSITE	(H)	12-16+ LTG (b)(A)	(.060)	U A
3556	COMPOSITE	1/4	6.0 TTG		U A	Aluminum Technology Auxiliary Industries ; Doha, Qatar					
3557	COMPOSITE	5/16	8.0 TTG		U A	5084	COMPOSITE	3/8	10.0 TTG		U A
3558	COMPOSITE	3/8	10.0 TTG		U A	5212	COMPOSITE	1/2	12.0 TTG		U A
4590	COMPOSITE	1/2	12.0 TTG		U A	American Insulated Glass Inc. ; Conley, GA					
3976	COMPOSITE	*	15.0 TTG (4)		U A	5283	COMPOSITE	1/8	3.0 TTG		U A
3977	COMPOSITE	3/4	19.0 TTG		U A	5284	COMPOSITE	3/16	5.0 TTG		U A
3560	COMPOSITE	(H)	8-16+ LTG (b)(A)	(.030)	U A	5285	COMPOSITE	1/4	6.0 TTG		U A
AI Ghussun Bldg. Metallic Const. Factory LLC ; Sharjah, UAE						5286	COMPOSITE	3/8	10.0 TTG		U A
5612	COMPOSITE	(H)	12 LTG (b)(A)	(.060)	U A	5287	COMPOSITE	1/2	12.0 TTG		U A
						5288	COMPOSITE	1/8	3.0 TPG (m)		U A
						5289	COMPOSITE	3/16	5.0 TPG (s)		U A
						American Shower Door ; Los Angeles, CA					
						4616	COMPOSITE	3/16	5.0 TTG		U A
						3039	COMPOSITE	1/4	6.0 TTG		U A
						3040	COMPOSITE	3/8	10.0 TTG		U A
						3041	COMPOSITE	1/2	12.0 TTG		U A
						3042	COMPOSITE	1/4	6.0 TPG (s)		U A
						3043	COMPOSITE	3/8	10.0 TPG (s)		U A

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Amsco Windows ; Salt Lake City, UT						Beijing Wuhua Tianbao Glass Co. ; Beijing, China					
2578	COMPOSITE	1/8	3.0 TTG		U A	5558	COMPOSITE	5/32	4.0 TTG		U A
4643	COMPOSITE	5/32	4.0 TTG		U A	5559	COMPOSITE	3/16	5.0 TTG		U A
2580	COMPOSITE	3/16	5.0 TTG		U A	5560	COMPOSITE	1/4	6.0 TTG		U A
2581	COMPOSITE	1/4	6.0 TTG		U A	5561	COMPOSITE	5/16	8.0 TTG		U A
2582	COMPOSITE	1/8	3.0 TPG (m)		U A	5562	COMPOSITE	3/8	10.0 TTG		U A
2584	COMPOSITE	3/16	5.0 TPG (m)		U A	5563	COMPOSITE	1/2	12.0 TTG		U A
Anthony International ; Madison, GA						5661	COMPOSITE	*	15.0 TTG (3)		U A
3249	COMPOSITE	1/8	3.0 TTG		U A	5662	COMPOSITE	3/4	19.0 TTG		U A
3027	COMPOSITE	5/32	4.0 TTG		U A	5664	COMPOSITE	(H)	12-16+ LTG (b)(A)	(.045)	U A
2352	COMPOSITE	3/16	5.0 TTG		U A	5663	COMPOSITE	(H)	20+ LTG (b)(A)	(.030)	U A
2353	COMPOSITE	1/4	6.0 TTG		U A	Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany					
5234	COMPOSITE	5/16	8.0 TTG		U A	5145	COMPOSITE	*	6.0 TBP (s)(2)		20x76 A
2453	COMPOSITE	3/8	10.0 TTG		U A	5144	COMPOSITE	*	7.0 TBP (s)(2)		16x76 A
5018	COMPOSITE	1/2	13.0 TTG		U A	2570	COMPOSITE	*	6.0 TBG (2)		20x76 A
2305	COMPOSITE	5/32	4.0 TBG		U A	2569	COMPOSITE	*	7.0 TBG (2)		16x76 A
2306	COMPOSITE	3/16	5.0 TBG		U A	Berkowitz, J.E. ; Pedricktown, NJ					
2307	COMPOSITE	1/4	6.0 TBG		U A	4837	COMP+CAN	1/4	6.0 TTG		U A
Anthony International ; San Fernando, CA						2646	COMP+CAN	3/8	10.0 TTG		U A
520	ANSI ONLY	1/8	3.0 TTG		U A	1991	COMP+CAN	1/2	12.0 TTG		U A
2289	ANSI ONLY	5/32	4.0 TTG		U A	2647	COMP+CAN	3/4	19.0 TTG		U A
999	ANSI ONLY	3/16	5.0 TTG		U A	5222	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
1000	ANSI ONLY	1/4	6.0 TTG		U A	3750	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
Architectural Glass Products, LLC ; St. Louis, MO						Best Deal Millworks ; Baton Rouge, LA					
4571	COMPOSITE	1/8	3.0 TTG		U A	5681	COMPOSITE	1/8	3.0 TTG		U A
4572	COMPOSITE	3/16	5.0 TTG		U A	5682	COMPOSITE	3/16	5.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	5683	COMPOSITE	1/4	6.0 TTG		U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	Blue Star Glass Inc. ; North Brunswick, NJ					
Arlene Stained Glass & Door ; Houston, TX						4517	COMPOSITE	1/8	3.0 TTG		U A
5127	COMPOSITE	1/8	3.0 TTG		U A	4518	COMPOSITE	3/16	5.0 TTG		U A
3583	COMPOSITE	3/16	5.0 TTG		U A	4519	COMPOSITE	1/4	6.0 TTG		U A
3584	COMPOSITE	1/4	6.0 TTG		U A	4520	COMPOSITE	3/8	10.0 TTG		U A
3585	COMPOSITE	5/32	4.0 TPG (s)		U A	4521	COMPOSITE	1/2	12.0 TTG		U A
ATI Windows ; Riverside, CA						5174	COMPOSITE	5/8	16.0 TTG		U A
5635	COMPOSITE	1/8	3.0 TTG		U A	5175	COMPOSITE	3/4	19.0 TTG		U A
5636	COMPOSITE	5/32	4.0 TTG		U A	Bronco Industries, Inc. ; Delta, BC					
5637	COMPOSITE	3/16	5.0 TTG		U A	5366	COMP+CAN	1/4	6.0 TTG		U A
5638	COMPOSITE	1/4	6.0 TTG		U A	5368	COMP+CAN	1/2	12.0 TTG		U A
5639	COMPOSITE	1/8	3.0 TPG (s)		U A	Cameron Glass, Inc. ; Broken Arrow, OK					
Basco Engineered Products ; Hamilton, OH						4832	COMPOSITE	1/8	3.0 TTG		U A
4139	COMPOSITE	1/8	3.0 TTG		U A	2501	COMPOSITE	3/16	5.0 TTG		U A
4724	COMPOSITE	3/16	5.0 TTG		U A	2455	COMPOSITE	1/4	6.0 TTG		U A
3810	COMPOSITE	1/4	6.0 TTG		U A	2032	COMP+CAN	3/8	10.0 TTG		U A
3811	COMPOSITE	3/8	10.0 TTG		U A	2033	COMP+CAN	1/2	12.0 TTG		U A
3812	COMPOSITE	1/2	12.0 TTG		U A	Cardinal CG ; Buford, GA					
5076	COMPOSITE	3/4	19.0 TTG		U A	1921	COMP+CAN	1/8	3.0 TTG		U A
4688	COMPOSITE	3/16	5.0 TPG (m)		U A	1922	COMP+CAN	5/32	4.0 TTG		U A
4689	COMPOSITE	1/4	6.0 TPG (s)		U A	1923	COMP+CAN	3/16	5.0 TTG		U A
5203	COMPOSITE	3/8	10.0 TPG (m)		U A	1924	COMP+CAN	1/4	6.0 TTG		U A
						2146	COMP+CAN	1/8	3.0 TPG (s)		U A
						4599	COMP+CAN	3/16	5.0 TPG (s)		U A

January 1, 2016

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 ; Casa Grande, AZ						Cardinal CG ; Tumwater, WA					
2878	COMP+CAN	1/8	3.0 TTG		U A	2007	COMP+CAN	1/8	3.0 TTG		U A
2879	COMP+CAN	5/32	4.0 TTG		U A	2008	COMP+CAN	5/32	4.0 TTG		U A
2880	COMP+CAN	3/16	5.0 TTG		U A	2009	COMP+CAN	3/16	5.0 TTG		U A
2881	COMP+CAN	1/4	6.0 TTG		U A	2010	COMP+CAN	1/4	6.0 TTG		U A
4103	COMP+CAN	1/8	3.0 TPG (s)		U A	2954	COMP+CAN	1/8	3.0 TPG (s)		U A
4104	COMP+CAN	5/32	4.0 TPG (d)		U A	2955	COMP+CAN	5/32	4.0 TPG (d)		U A
4105	COMP+CAN	3/16	5.0 TPG (s)		U A	2956	COMP+CAN	3/16	5.0 TPG (m)		U A
Cardinal CG ; Galt, CA						Cardinal CG ; Waxahachie, TX					
2357	COMPOSITE	1/8	3.0 TTG		U A	2699	COMP+CAN	1/8	3.0 TTG		U A
2358	COMPOSITE	5/32	4.0 TTG		U A	2700	COMP+CAN	5/32	4.0 TTG		U A
2359	COMPOSITE	3/16	5.0 TTG		U A	2701	COMP+CAN	3/16	5.0 TTG		U A
2360	COMPOSITE	1/4	6.0 TTG		U A	2702	COMP+CAN	1/4	6.0 TTG		U A
3599	COMPOSITE	1/8	3.0 TPG (s)		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
4347	COMPOSITE	5/32	4.0 TPG (m)		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
3601	COMPOSITE	3/16	5.0 TPG (m)		U A	Cardinal CT ; Adel, GA					
Cardinal CG ; Loveland, CO						5095	COMPOSITE	1/8	3.0 TTG		U A
3579	COMPOSITE	1/8	3.0 TTG		U A	5096	COMPOSITE	5/32	4.0 TTG		U A
3580	COMPOSITE	5/32	4.0 TTG		U A	5097	COMPOSITE	3/16	5.0 TTG		U A
3581	COMPOSITE	3/16	5.0 TTG		U A	5364	COMPOSITE	1/4	6.0 TTG		U A
3555	COMPOSITE	1/4	6.0 TTG		U A	5098	COMPOSITE	1/8	3.0 TPG (d)		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	5099	COMPOSITE	5/32	4.0 TPG (d)		U A
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	5100	COMPOSITE	3/16	5.0 TPG (d)		U A
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	Cardinal CT ; Easton, PA					
5720	COMPOSITE	1/4	6.0 TPG (d)		U A	4756	COMP+CAN	1/8	3.0 TTG		U A
Cardinal CG ; Mazomanie, WI						4757	COMP+CAN	5/32	4.0 TTG		U A
4780	COMP+CAN	1/8	3.0 TTG		U A	4758	COMP+CAN	3/16	5.0 TTG		U A
4781	COMP+CAN	5/32	4.0 TTG		U A	4759	COMP+CAN	1/8	3.0 TPG (s)		U A
5306	COMP+CAN	3/16	5.0 TTG		U A	4760	COMP+CAN	5/32	4.0 TPG (d)		U A
4783	COMP+CAN	1/4	6.0 TTG		U A	4761	COMP+CAN	3/16	5.0 TPG (d)		U A
Cardinal CG ; Moreno Valley, CA						Cardinal CT ; Los Angeles, CA					
2293	COMP+CAN	1/8	3.0 TTG		U A	5085	COMP+CAN	1/8	3.0 TTG		U A
2294	COMP+CAN	5/32	4.0 TTG		U A	5086	COMP+CAN	5/32	4.0 TTG		U A
2295	COMP+CAN	3/16	5.0 TTG		U A	5087	COMP+CAN	3/16	5.0 TTG		U A
2296	COMP+CAN	1/4	6.0 TTG		U A	5088	COMP+CAN	1/8	3.0 TPG (s)		U A
5335	COMP+CAN	1/8	3.0 TPG (s)		U A	5089	COMP+CAN	3/16	5.0 TPG (m)		U A
5336	COMP+CAN	3/16	5.0 TPG (s)		U A	Cardinal CT ; Mount Airy, NC					
Cardinal CG ; Northfield, MN						4578	COMP+CAN	1/8	3.0 TTG		U A
1985	COMP+CAN	1/8	3.0 TTG		U A	4579	COMP+CAN	5/32	4.0 TTG		U A
1986	COMP+CAN	5/32	4.0 TTG		U A	4580	COMP+CAN	3/16	5.0 TTG		U A
1987	COMP+CAN	3/16	5.0 TTG		U A	5266	COMP+CAN	1/4	6.0 TTG		U A
1988	COMP+CAN	1/4	6.0 TTG		U A	4581	COMP+CAN	1/8	3.0 TPG (s)		U A
4775	COMP+CAN	5/16	8.0 TTG		U A	4742	COMP+CAN	5/32	4.0 TPG (m)		U A
4137	COMP+CAN	3/8	10.0 TTG		U A	4582	COMP+CAN	3/16	5.0 TPG (s)		U A
2011	COMP+CAN	1/8	3.0 TPG (s)		U A	Cardinal CT ; Utica, OH					
2012	COMP+CAN	5/32	4.0 TPG (d)		U A	4620	COMP+CAN	1/8	3.0 TTG		U A
2013	COMP+CAN	3/16	5.0 TPG (m)		U A	4621	COMP+CAN	5/32	4.0 TTG		U A
Cardinal CG ; Spring Green, WI						4622	COMP+CAN	3/16	5.0 TTG		U A
2067	COMP+CAN	1/8	3.0 TTG		U A	5479	COMP+CAN	1/4	6.0 TTG		U A
2068	COMP+CAN	5/32	4.0 TTG		U A	4623	COMP+CAN	1/8	3.0 TPG (m)		U A
2069	COMP+CAN	3/16	5.0 TTG		U A	4624	COMP+CAN	5/32	4.0 TPG (m)		U A
2070	COMP+CAN	1/4	6.0 TTG		U A	4625	COMP+CAN	3/16	5.0 TPG (m)		U A
5281	COMP+CAN	5/16	8.0 TTG		U A						
2071	COMP+CAN	1/8	3.0 TPG (s)		U A						

January 1, 2016

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 - S ; Irving TX						Cardinal IG ; Mountain Top, PA					
5101	COMPOSITE	1/8	3.0 TTG		U A	3068	COMP+CAN	1/8	3.0 TTG		U A
5102	COMPOSITE	5/32	4.0 TTG		U A	3069	COMP+CAN	5/32	4.0 TTG		U A
5103	COMPOSITE	3/16	5.0 TTG		U A	3070	COMP+CAN	3/16	5.0 TTG		U A
5104	COMPOSITE	1/4	6.0 TTG		U A	3071	COMP+CAN	1/4	6.0 TTG		U A
5105	COMPOSITE	1/8	3.0 TPG (s)		U A	3073	COMP+CAN	1/8	3.0 TPG (m)		U A
5106	COMPOSITE	3/16	5.0 TPG (d)		U A	3115	COMP+CAN	5/32	4.0 TPG (s)		U A
Cardinal CT - W ; Irving TX						3072	COMP+CAN	3/16	5.0 TPG (m)		U A
5245	COMPOSITE	1/8	3.0 TTG		U A	Cardinal IG ; Spring Green, WI					
5246	COMPOSITE	5/32	4.0 TTG		U A	1831	COMP+CAN	1/8	3.0 TTG		U A
5247	COMPOSITE	3/16	5.0 TTG		U A	1832	COMP+CAN	5/32	4.0 TTG		U A
5248	COMPOSITE	1/4	6.0 TTG		U A	1833	COMP+CAN	3/16	5.0 TTG		U A
5249	COMPOSITE	1/8	3.0 TPG (s)		U A	1834	COMP+CAN	1/4	6.0 TTG		U A
5250	COMPOSITE	3/16	5.0 TPG (d)		U A	1844	COMP+CAN	1/8	3.0 TPG (s)		U A
Cardinal FG ; Durant, OK						1845	COMP+CAN	5/32	4.0 TPG (m)		U A
2909	COMP+CAN	1/8	3.0 TTG		U A	1846	COMP+CAN	3/16	5.0 TPG (s)		U A
2910	COMP+CAN	5/32	4.0 TTG		U A	Cardinal IG ; Tomah, WI					
2911	COMP+CAN	3/16	5.0 TTG		U A	2317	COMP+CAN	1/8	3.0 TTG		U A
2912	COMP+CAN	1/4	6.0 TTG		U A	2318	COMP+CAN	5/32	4.0 TTG		U A
Cardinal IG ; Fargo, ND						2319	COMP+CAN	3/16	5.0 TTG		U A
2235	COMP+CAN	1/8	3.0 TTG		U A	2320	COMP+CAN	1/4	6.0 TTG		U A
2234	COMP+CAN	5/32	4.0 TTG		U A	2321	COMP+CAN	1/8	3.0 TPG (m)		U A
2233	COMP+CAN	3/16	5.0 TTG		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
2232	COMP+CAN	1/4	6.0 TTG		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
2231	COMP+CAN	1/8	3.0 TPG (s)		U A	Cardinal IG ; Vinton, VA					
2285	COMP+CAN	5/32	4.0 TPG (m)		U A	2919	COMP+CAN	1/8	3.0 TTG		U A
2286	COMP+CAN	3/16	5.0 TPG (s)		U A	2920	COMP+CAN	5/32	4.0 TTG		U A
Cardinal IG ; Fremont, IN						2921	COMP+CAN	3/16	5.0 TTG		U A
2176	COMP+CAN	1/8	3.0 TTG		U A	2922	COMP+CAN	1/4	6.0 TTG		U A
2177	COMP+CAN	5/32	4.0 TTG		U A	2923	COMP+CAN	1/8	3.0 TPG (s)		U A
2178	COMP+CAN	3/16	5.0 TTG		U A	2924	COMP+CAN	5/32	4.0 TPG (d)		U A
2179	COMP+CAN	1/4	6.0 TTG		U A	3619	COMP+CAN	3/16	5.0 TPG (s)		U A
2203	COMP+CAN	1/8	3.0 TPG (s)		U A	Cardinal IG ; Waxahachie, TX					
2204	COMP+CAN	5/32	4.0 TPG (d)		U A	2328	COMP+CAN	1/8	3.0 TTG		U A
2205	COMP+CAN	3/16	5.0 TPG (s)		U A	2329	COMP+CAN	5/32	4.0 TTG		U A
Cardinal IG ; Greenfield, IA						2330	COMP+CAN	3/16	5.0 TTG		U A
1827	COMP+CAN	1/8	3.0 TTG		U A	2331	COMP+CAN	1/4	6.0 TTG		U A
1828	COMP+CAN	5/32	4.0 TTG		U A	2397	COMP+CAN	1/8	3.0 TPG (m)		U A
1829	COMP+CAN	3/16	5.0 TTG		U A	4091	COMP+CAN	5/32	4.0 TPG (d)		U A
1830	COMP+CAN	1/4	6.0 TTG		U A	2399	COMP+CAN	3/16	5.0 TPG (m)		U A
5435	COMP+CAN	5/16	8.0 TTG		U A	Cardinal LG ; Amery, WI					
1841	COMP+CAN	1/8	3.0 TPG (s)		U A	5193	COMP+CAN	3/16	5.0 TTG		U A
1842	COMP+CAN	5/32	4.0 TPG (d)		U A	4841	COMP+CAN	1/4	6.0 TTG		U A
1843	COMP+CAN	3/16	5.0 TPG (s)		U A	4842	COMP+CAN	5/16	8.0 TTG		U A
Cardinal IG ; Hood River, OR						4843	COMP+CAN	3/8	10.0 TTG		U A
2831	COMP+CAN	1/8	3.0 TTG		U A	4844	COMP+CAN	1/2	12.0 TTG		U A
2858	COMP+CAN	5/32	4.0 TTG		U A	4350	COMP+CAN	(S)	5-6 LTG (ip)(A)	(.035)	U A
2833	COMP+CAN	3/16	5.0 TTG		U A	4120	COMP+CAN	(S)	5 LTG (b)(A)	(.015)(C1)	U B
2834	COMP+CAN	1/4	6.0 TTG		U A	2976	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A
2857	COMP+CAN	1/8	3.0 TPG (s)		U A	2462	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
4836	COMP+CAN	5/32	4.0 TPG (d)		U A	4351	COMP+CAN	(H)	8-12 LTG (ip)(A)	(.035)	U A
2859	COMP+CAN	3/16	5.0 TPG (m)		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Cardinal LG ; Ocala, FL						Changshu Zhouxing Glass Co. Ltd. ; Changshu, Jiangsu Province, China					
3505	COMPOSITE	1/8	3.0 TTG		U A	4936	COMPOSITE	1/8	3.0 TTG		U A
3506	COMPOSITE	5/32	4.0 TTG		U A	Chicago Tempered Glass, Inc. ; Chicago, IL					
3507	COMPOSITE	3/16	5.0 TTG		U A	3086	COMPOSITE	5/32	4.0 TTG		U A
3508	COMPOSITE	1/4	6.0 TTG		U A	3087	COMPOSITE	3/16	5.0 TTG		U A
4584	COMPOSITE	1/8	3.0 TPG (m)		U A	3088	COMPOSITE	1/4	6.0 TTG		U A
4587	COMPOSITE	1/4	6.0 TPG (s)		U A	3089	COMPOSITE	3/8	10.0 TTG		U A
4361	COMPOSITE	(S)	5-6 LTG (ip)(A)	(.035)	U A	3090	COMPOSITE	1/2	12.0 TTG		U A
3509	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	Clarus Glassboards ; Fort Worth, TX					
3510	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	5528	COMPOSITE	1/4	6.0 TTG		U A
4362	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.035)	U A	Classy Glass Specialties Co., Ltd ; Dongguan, Guangdong					
Cardinal LG Northeast ; Jessup, PA						5159	COMPOSITE	1/4	6.0 TTG		U A
5224	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A	5160	COMPOSITE	5/16	8.0 TTG		U A
5225	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A	5161	COMPOSITE	3/8	10.0 TTG		U A
Cardinal Tempering ; Louisville, KY						5162	COMPOSITE	1/2	12.0 TTG		U A
3871	COMPOSITE	5/32	4.0 TTG		U A	5163	COMPOSITE	*	15.0 TTG (4)		U A
3872	COMPOSITE	3/16	5.0 TTG		U A	5164	COMPOSITE	3/4	19.0 TTG		U A
3873	COMPOSITE	1/4	6.0 TTG		U A	5169	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
3874	COMPOSITE	3/8	10.0 TTG		U A	5170	COMPOSITE	(H)	25+ LTG (b)(A)	(.060)	U A
3875	COMPOSITE	1/2	12.0 TTG		U A	ClearEdge Glass ; Baton Rouge, LA					
Cardinal TG ; Chehalis, WA						5308	COMPOSITE	1/8	3.0 TTG		U A
3455	COMP+CAN	1/8	3.0 TTG		U A	5310	COMPOSITE	3/16	5.0 TTG		U A
3456	COMP+CAN	5/32	4.0 TTG		U A	5311	COMPOSITE	1/4	6.0 TTG		U A
3458	COMP+CAN	3/16	5.0 TTG		U A	5313	COMPOSITE	3/8	10.0 TTG		U A
3459	COMP+CAN	1/4	6.0 TTG		U A	5314	COMPOSITE	1/2	12.0 TTG		U A
Cardinal TG ; Tomah, WI						5330	COMPOSITE	5/32	4.0 TPG (d)		U A
1804	COMP+CAN	1/8	3.0 TTG		U A	5331	COMPOSITE	3/16	5.0 TPG (s)		U A
1805	COMP+CAN	5/32	4.0 TTG		U A	Cleer Vision Tempered Glass ; Elkhart, IN					
1806	COMP+CAN	3/16	5.0 TTG		U A	4546	COMPOSITE	1/8	3.0 TTG		U A
1807	COMP+CAN	1/4	6.0 TTG		U A	4547	COMPOSITE	5/32	4.0 TTG		U A
4881	COMP+CAN	5/16	8.0 TTG		U A	Clinton Glass Company ; Knoxville, TN					
Cat-I Manufacturing, Inc. ; South Elgin, IL						5606	COMPOSITE	1/4	6.0 TTG		U A
5755	COMP+CAN	5/32	4.0 TTG		U A	5607	COMPOSITE	3/8	10.0 TTG		U A
Changshu Hard Glass Co., Ltd. ; Changshu, Jiangsu, China						5608	COMPOSITE	1/2	12.0 TTG		U A
2904	COMPOSITE	1/8	3.0 TTG		U A	Columbia Commercial Bldg Prod. ; Rockwall, TX					
2987	COMPOSITE	5/32	4.0 TTG		U A	5614	COMP+CAN	1/8	3.0 TTG		U A
2988	COMPOSITE	3/16	5.0 TTG		U A	4921	COMP+CAN	1/4	6.0 TTG		U A
Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu, China						5615	COMP+CAN	3/8	10.0 TTG		U A
5351	COMPOSITE	1/8	3.0 TTG		U A	5616	COMP+CAN	1/2	12.0 TTG		U A
5352	COMPOSITE	5/32	4.0 TTG		U A	Commercial Insulating Glass Co. ; Cumberland City, TN					
5353	COMPOSITE	3/16	5.0 TTG		U A	3806	COMPOSITE	1/8	3.0 TTG		U A
5354	COMPOSITE	1/4	6.0 TTG		U A	3807	COMPOSITE	3/16	5.0 TTG		U A
Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu, China						3808	COMPOSITE	1/4	6.0 TTG		U A
4657	COMP+CAN	1/8	3.0 TTG		U A	Commercial Insulating Glass Co. ; Sarasota, FL					
5151	COMP+CAN	5/16	8.0 TTG		U A	1889	COMPOSITE	1/8	3.0 TTG		30x76 A
5152	COMP+CAN	3/8	10.0 TTG		U A	1890	COMPOSITE	3/16	5.0 TTG		30x76 A
Changshu Zhongxin Bldg. Mat. Co. ; Changshu City, China						1891	COMPOSITE	1/4	6.0 TTG		30x76 A
2432	COMP+CAN	1/8	3.0 TTG		U A	Consolidated Armor Products, LLC ; Addison, TX					
4363	COMP+CAN	(H)	8 LTG (b)(A)	(.090)	U A	5418	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
						5419	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Consolidated Glass Corp. ; New Castle, PA						Cristec Vipla SL ; Balaguer, Lleida					
1998	COMP+CAN	1/8	3.0 TTG		U A	5695	COMPOSITE	1/4	6.0 TTG		U A
1999	COMP+CAN	5/32	4.0 TTG		U A	5696	COMPOSITE	5/16	8.0 TTG		U A
2005	COMP+CAN	3/16	5.0 TTG		U A	5697	COMPOSITE	3/8	10.0 TTG		U A
2002	COMP+CAN	1/4	6.0 TTG		U A	5698	COMPOSITE	1/2	12.0 TTG		U A
3635	COMP+CAN	5/16	8.0 TTG		U A	5699	COMPOSITE	(H)	12 LTG (b)(A)	(.015)	U A
2003	COMP+CAN	3/8	10.0 TTG		U A	Custom Glass Products Inc. ; Weston, WI					
2004	COMP+CAN	1/2	12.0 TTG		U A	4002	COMPOSITE	1/4	6.0 TTG		U A
2355	COMP+CAN	5/32	4.0 TPG (m)		U A	Custom Glass Solutions Millbury Corp. ; Millbury, OH					
2354	COMP+CAN	3/16	5.0 TPG (m)		U A	1575	COMPOSITE	5/32	4.0 TTG		U A
4714	COMP+CAN	1/4	6.0 TPG (m)		U A	1576	COMPOSITE	3/16	5.0 TTG		U A
4785	COMP+CAN	3/8	10.0 TPG (s)		U A	1577	COMPOSITE	1/4	6.0 TTG		U A
Contour Industries, Inc. ; Surgoinsville, TN						D3 Glass, LLC ; Fort Myers, FL					
1680	COMP+CAN	1/8	3.0 TTG		U A	4795	COMPOSITE	1/4	6.0 TTG		U A
4285	COMP+CAN	5/32	4.0 TTG		U A	4792	COMPOSITE	3/8	10.0 TTG		U A
1678	COMP+CAN	3/16	5.0 TTG		U A	4793	COMPOSITE	1/2	12.0 TTG		U A
1677	COMP+CAN	1/4	6.0 TTG		U A	4791	COMPOSITE	3/8	10.0 TPG (m)		U A
4701	COMP+CAN	5/16	8.0 TTG		U A	Dalian Huaying Glass Limited Liability Co. ; Liaoning, China					
4702	COMP+CAN	3/8	10.0 TTG		U A	5260	COMPOSITE	1/8	3.0 TTG		U A
4703	COMP+CAN	1/8	3.0 TPG (s)		U A	5261	COMPOSITE	3/16	5.0 TTG		U A
4704	COMP+CAN	5/32	4.0 TPG (s)		U A	Dallas Flat Glass ; Carrollton, TX					
4705	COMP+CAN	3/16	5.0 TPG (s)		U A	4790	COMPOSITE	1/8	3.0 TTG		U A
Contract Glass ; Wilmington, MA						4763	COMPOSITE	3/16	5.0 TTG		U A
4970	COMPOSITE	1/8	3.0 TTG		U A	3701	COMPOSITE	1/4	6.0 TTG		U A
4971	COMPOSITE	5/32	4.0 TTG		U A	4566	COMPOSITE	3/8	10.0 TTG		U A
4972	COMPOSITE	3/16	5.0 TTG		U A	4567	COMPOSITE	1/2	12.0 TTG		U A
4973	COMPOSITE	1/4	6.0 TTG		U A	DDG Glass Manufacturing SDN BHD ; Masai, Johor					
4974	COMPOSITE	3/8	10.0 TTG		U A	5621	COMP+CAN	5/32	4.0 TTG		U A
4975	COMPOSITE	1/2	12.0 TTG		U A	5622	COMP+CAN	3/16	5.0 TTG		U A
Contractors Wardrobe ; Valencia, CA						5623	COMP+CAN	1/4	6.0 TTG		U A
3464	COMP+CAN	1/8	3.0 TTG		U A	5624	COMP+CAN	5/16	8.0 TTG		U A
3465	COMP+CAN	5/32	4.0 TTG		U A	5625	COMP+CAN	3/8	10.0 TTG		U A
3466	COMP+CAN	3/16	5.0 TTG		U A	5626	COMP+CAN	1/2	12.0 TTG		U A
3467	COMP+CAN	1/4	6.0 TTG		U A	5627	COMP+CAN	*	15.0 TTG (3)		U A
3468	COMP+CAN	5/16	8.0 TTG		U A	5628	COMP+CAN	*	19.0 TTG (3)		U A
3469	COMP+CAN	3/8	10.0 TTG		U A	Denver Glass Interiors, Inc. ; Englewood, CO					
3470	COMP+CAN	1/2	12.0 TTG		U A	3865	COMPOSITE	3/16	5.0 TTG		U A
3472	COMP+CAN	3/4	19.0 TTG		U A	3866	COMPOSITE	1/4	6.0 TTG		U A
3473	COMP+CAN	1/8	3.0 TPG (m)		U A	3867	COMPOSITE	3/8	10.0 TTG		U A
3474	COMP+CAN	5/32	4.0 TPG (d)		U A	3868	COMPOSITE	1/2	12.0 TTG		U A
3475	COMP+CAN	3/16	5.0 TPG (d)		U A	4507	COMPOSITE	1/4	6.0 TPG (m)		U A
3476	COMP+CAN	1/4	6.0 TPG (m)		U A	4508	COMPOSITE	3/8	10.0 TPG (s)		U A
3477	COMP+CAN	3/8	10.0 TPG (s)		U A	Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang, China					
Coral Industries Glass Division ; Tuscaloosa, AL						4055	COMPOSITE	1/8	3.0 TTG		U A
3420	COMPOSITE	1/8	3.0 TTG		U A	4056	COMPOSITE	5/32	4.0 TTG		U A
1910	COMPOSITE	3/16	5.0 TTG		U A	4057	COMPOSITE	3/16	5.0 TTG		U A
1911	COMPOSITE	1/4	6.0 TTG		U A	4146	COMPOSITE	1/4	6.0 TTG		U A
2144	COMPOSITE	3/8	10.0 TTG		U A	4147	COMPOSITE	3/8	10.0 TTG		U A
2145	COMPOSITE	1/2	12.0 TTG		U A						
2644	COMPOSITE	3/4	19.0 TTG		U A						
1964	COMPOSITE	3/16	5.0 TPG (d)		U A						
2944	COMPOSITE	1/4	6.0 TPG (d)		U A						
2945	COMPOSITE	3/8	10.0 TPG (d)		U A						
3817	COMPOSITE	1/2	12.0 TPG (m)		U A						

Certified Products-Alphabetical By Plant

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
Diamond Sea Glaze ; Langley, BC Canada						Eckelt Glas GmbH ; Steyr, Austria					
4499	COMPOSITE	5/32	4.0 TTG		U A	2850	COMPOSITE	1/4	6.0 TTG		U A
4500	COMPOSITE	3/16	5.0 TTG		U A	2851	COMPOSITE	5/16	8.0 TTG		U A
4501	COMPOSITE	1/4	6.0 TTG		U A	2852	COMPOSITE	3/8	10.0 TTG		U A
4502	COMPOSITE	5/16	8.0 TTG		U A	2853	COMPOSITE	*	12.0 TTG (3)		U A
4503	COMPOSITE	3/8	10.0 TTG		U A	2854	COMPOSITE	*	15.0 TTG (3)		U A
4504	COMPOSITE	1/2	12.0 TTG		U A	2855	COMPOSITE	3/4	19.0 TTG		U A
4505	COMPOSITE	*	15.0 TTG (3)		U A	EFCO Corporation ; Monett, MO					
4506	COMPOSITE	3/4	19.0 TTG		U A	4121	COMPOSITE	1/8	3.0 TTG		U A
Dillmeier Enterprise, Inc. ; Van Buren, AR						1901	COMPOSITE	3/16	5.0 TTG		U A
4838	COMPOSITE	1/8	3.0 TTG		U A	1902	COMPOSITE	1/4	6.0 TTG		U A
3912	COMPOSITE	3/16	5.0 TTG		U A	4154	COMPOSITE	5/16	8.0 TTG		U A
3913	COMPOSITE	1/4	6.0 TTG		U A	2143	COMPOSITE	3/16	5.0 TPG (s)		U A
4839	COMPOSITE	5/16	8.0 TTG		U A	EFI ; Kernersville, NC					
3914	COMPOSITE	3/8	10.0 TTG		U A	5014	COMP+CAN	5/32	4.0 TTG		U A
3915	COMPOSITE	1/2	12.0 TTG		U A	5208	COMP+CAN	3/16	5.0 TTG		U A
3916	COMPOSITE	5/8	16.0 TTG		U A	5026	COMP+CAN	1/4	6.0 TTG		U A
3917	COMPOSITE	3/4	19.0 TTG		U A	5209	COMP+CAN	5/16	8.0 TTG		U A
Dlubak Corporation ; Blairsville, PA						5210	COMP+CAN	3/8	10.0 TTG		U A
3017	COMPOSITE	1/4	6.0 TTG		U A	5211	COMP+CAN	1/2	12.0 TTG		U A
3018	COMPOSITE	1/2	12.0 TTG		U A	Engineered Glass Products, L.L.C. ; Chicago, IL					
3019	COMPOSITE	3/4	19.0 TTG		U A	4388	COMPOSITE	1/8	3.0 TTG	30x60	A
5685	COMPOSITE (S)		6 LTG (b)	(.030)	U A	2589	COMPOSITE	5/32	4.0 TTG	30x72	A
Dolphin Glass Specialists, LLC ; Hialeah, FL						2590	COMPOSITE	3/16	5.0 TTG	30x72	A
4729	COMPOSITE (H)		12 LTG (b)(A)	(.030)	U A	2698	COMPOSITE	1/4	6.0 TTG	30x72	A
Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong, China						Fairis C.A. ; Ambato, Tungurahua, Ecuador					
3932	COMP+CAN	5/32	4.0 TTG		U A	4425	COMPOSITE	5/32	4.0 TTG		U A
3933	COMP+CAN	3/16	5.0 TTG		U A	4426	COMPOSITE	3/16	5.0 TTG		U A
3934	COMP+CAN	1/4	6.0 TTG		U A	4427	COMPOSITE	1/4	6.0 TTG		U A
3935	COMP+CAN	5/16	8.0 TTG		U A	4428	COMPOSITE	5/16	8.0 TTG		U A
3936	COMP+CAN	3/8	10.0 TTG		U A	4429	COMPOSITE	3/8	10.0 TTG		U A
3937	COMP+CAN	1/2	12.0 TTG		U A	4722	COMPOSITE (S)		6 LTG (b)(A)	(.030)	U A
3938	COMP+CAN	*	15.0 TTG (3)		U A	4430	COMPOSITE (H)		10-12 LTG (b)(A)	(.030)	U A
3939	COMP+CAN	3/4	19.0 TTG		U A	Flat Glass Distributors ; Jacksonville, FL					
4167	COMP+CAN (H)		8-12 LTG (b)(A)	(.030)	U A	3822	COMPOSITE	1/8	3.0 TTG		U A
Dongguan Dongfa Glass Product Co., Ltd ; Dongguan, Guangdong, China						3823	COMPOSITE	3/16	5.0 TTG		U A
4132	COMP+CAN	5/16	8.0 TTG		U A	3824	COMPOSITE	1/4	6.0 TTG		U A
4125	COMP+CAN	3/8	10.0 TTG		U A	3825	COMPOSITE	3/8	10.0 TTG		U A
4126	COMP+CAN	1/2	12.0 TTG		U A	3826	COMPOSITE	1/2	12.0 TTG		U A
4123	COMP+CAN (H)		8-12 LTG (b)(A)	(.030)	U A	3828	COMPOSITE	1/8	3.0 TPG (m)		U A
4124	COMP+CAN (H)		16+ LTG (b)(A)	(.030)	U A	3830	COMPOSITE	3/16	5.0 TPG (m)		U A
Downey Glass Industries, LLC ; Pompano Beach, FL						3831	COMPOSITE	1/4	6.0 TPG (s)		U A
2661	COMPOSITE	3/16	5.0 TTG		U A	4638	COMPOSITE	3/8	10.0 TPG (s)		U A
2662	COMPOSITE	1/4	6.0 TTG		U A	Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang					
5554	COMPOSITE	5/16	8.0 TTG		U A	5521	COMPOSITE	3/16	5.0 TTG		U A
2663	COMPOSITE	3/8	10.0 TTG		U A	5522	COMPOSITE	1/4	6.0 TTG		U A
2664	COMPOSITE	1/2	12.0 TTG		U A	5523	COMPOSITE	5/16	8.0 TTG		U A
2665	COMPOSITE	3/4	19.0 TTG		U A	5524	COMPOSITE	3/8	10.0 TTG		U A
3487	COMPOSITE	3/16	5.0 TPG (s)		U A	5525	COMPOSITE	1/2	12.0 TTG		U A
4626	COMPOSITE	3/8	10.0 TPG (s)		U A	5526	COMPOSITE (H)		8-16+ LTG (b)	(.030)	U A
5121	COMPOSITE (S)		6 LTG (ip)(A)	(.035)	U A						
5122	COMPOSITE (H)		10-16+ LTG (ip)(A)	(.035)	U A						

January 1, 2016

Certified Products-Alphabetical By Plant

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
Foshan Nanhai Gangsheng Tempered Glass Factory ; Foshan, Guangdong, China						GGI Glass Distributors Corp. ; Secaucus, NJ					
4673	COMP+CAN	5/32	4.0 TTG (IN)		U A	2928	COMPOSITE	5/32	4.0 TTG		U A
4669	COMP+CAN	3/16	5.0 TTG (IN)		U A	2226	COMPOSITE	3/16	5.0 TTG		U A
4670	COMP+CAN	1/4	6.0 TTG (IN)		U A	2227	COMPOSITE	1/4	6.0 TTG		U A
4671	COMP+CAN	5/16	8.0 TTG (IN)		U A	4248	COMPOSITE	5/16	8.0 TTG		U A
4672	COMP+CAN	3/8	10.0 TTG (IN)		U A	2282	COMPOSITE	3/8	10.0 TTG		U A
5549	COMP+CAN	1/2	12.0 TTG (IN)		U A	2228	COMPOSITE	1/2	12.0 TTG		U A
5550	COMP+CAN	1/4	6.0 TBG (IN)		U A	3857	COMPOSITE	5/8	16.0 TTG		U A
5551	COMP+CAN	5/16	8.0 TBG (IN)		U A	3858	COMPOSITE	3/4	19.0 TTG		U A
5552	COMP+CAN	3/8	10.0 TBG (IN)		U A	4774	COMPOSITE	1	25.0 TTG (IN)		U A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd. ; Foshan, Guangdong, China						3970	COMPOSITE	5/32	4.0 TPG (s)		U A
5388	COMPOSITE	3/16	5.0 TTG		U A	3971	COMPOSITE	3/16	5.0 TPG (s)		U A
5389	COMPOSITE	1/4	6.0 TTG		U A	3972	COMPOSITE	1/4	6.0 TPG (s)		U A
5390	COMPOSITE	5/16	8.0 TTG		U A	3973	COMPOSITE	3/8	10.0 TPG (s)		U A
5391	COMPOSITE	3/8	10.0 TTG		U A	3974	COMPOSITE	1/2	12.0 TPG (s)		U A
5392	COMPOSITE	1/2	12.0 TTG		U A	Glas Works, Inc. ; Dania Beach, FL					
Fujian Xihe Sanitary Ware Technology Co., Ltd ; Nan'an Fujian China						5620	COMPOSITE	5/32	4.0 TTG		U A
5216	COMPOSITE	5/32	4.0 TTG		U A	5452	COMPOSITE	3/16	5.0 TTG		U A
5090	COMPOSITE	3/16	5.0 TTG		U A	5019	COMPOSITE	1/4	6.0 TTG		U A
5091	COMPOSITE	1/4	6.0 TTG		U A	5020	COMPOSITE	3/8	10.0 TTG		U A
5092	COMPOSITE	5/16	8.0 TTG		U A	5021	COMPOSITE	1/2	12.0 TTG		U A
5217	COMPOSITE	5/32	4.0 TPG (s)		U A	Glass and Mirror Craft ; Wixom, MI					
5218	COMPOSITE	1/4	6.0 TPG (s)		U A	4198	COMP+CAN	1/8	3.0 TTG		U A
Future Architectural Glass LLC ; Ras Al Khaimah, United Arab Emirates						5116	COMP+CAN	5/32	4.0 TTG		U A
5118	COMPOSITE (H)	10 LTG (b)(A)	(.030)		U A	4199	COMP+CAN	3/16	5.0 TTG		U A
5117	COMPOSITE (H)	12 LTG (b)(A)	(.060)		U A	4200	COMP+CAN	1/4	6.0 TTG		U A
5232	COMPOSITE (H)	16+ LTG (b)(A)	(.030)		U A	5598	COMP+CAN	3/8	10.0 TTG		U A
Galaxy Glass & Stone ; Fairfield, NJ						4202	COMP+CAN	1/2	12.0 TTG		U A
3661	COMPOSITE (H)	12-16+ LTG (lu)(A)(6)	(.060)		U A	4203	COMP+CAN	5/8	16.0 TTG		U A
Garibaldi Glass Ind. Inc. ; Burnaby, BC						4204	COMP+CAN	3/4	19.0 TTG		U A
5124	COMP+CAN	3/16	5.0 TTG		U A	4924	COMP+CAN (H)	12-16+ LTG (ip)(A)	(.035)		U A
4419	COMP+CAN	1/4	6.0 TTG		U A	Glass Design of Miami, Inc. ; Miami, FL					
5219	COMP+CAN	5/16	8.0 TTG		U A	3453	COMPOSITE	1/4	6.0 TTG		U A
4420	COMP+CAN	3/8	10.0 TTG		U A	3454	COMPOSITE	3/8	10.0 TTG		U A
4421	COMP+CAN	1/2	12.0 TTG		U A	3607	COMPOSITE	1/2	12.0 TTG		U A
5125	COMP+CAN *	15.0 TTG (3)			U A	5237	COMPOSITE	3/4	19.0 TTG		U A
4422	COMP+CAN	3/4	19.0 TTG		U A	Glass Dynamics, Inc. ; Stoneville, NC					
General Glass ; Portland, OR						2728	COMPOSITE	1/8	3.0 TTG		U A
4031	COMPOSITE	1/8	3.0 TTG		U A	2730	COMPOSITE	3/16	5.0 TTG		U A
4032	COMPOSITE	5/32	4.0 TTG		U A	2732	COMPOSITE	1/4	6.0 TTG		U A
4033	COMPOSITE	3/16	5.0 TTG		U A	5259	COMPOSITE	5/16	8.0 TTG		U A
4034	COMPOSITE	1/4	6.0 TTG		U A	2729	COMPOSITE	3/8	10.0 TTG		U A
5751	COMPOSITE	1/2	12.0 TTG		U A	2733	COMPOSITE	1/2	12.0 TTG		U A
5750	COMPOSITE	1/8	3.0 TPG (s)		U A	2731	COMPOSITE	5/8	16.0 TTG		U A
5748	COMPOSITE	3/16	5.0 TPG (s)		U A	2734	COMPOSITE	3/4	19.0 TTG		U A
						4375	COMPOSITE (S)	6 LTG (b)(A)	(.030)		U A
						4413	COMPOSITE (S)	6 LTG (ip)(A)	(.035)		U A
						4376	COMPOSITE (H)	8-16+ LTG (b)(A)	(.030)		U A
						4414	COMPOSITE (H)	8-16+ LTG (ip)(A)	(.035)		U A
						Glass Enterprises, Inc. ; Bensalem, PA					
						4628	COMPOSITE	3/16	5.0 TTG		U A
						4629	COMPOSITE	1/4	6.0 TTG		U A

January 1, 2016

Certified Products-Alphabetical By Plant

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		(THICKNESS CLASS)						(THICKNESS CLASS)			
GlassFab Tempering Services, Inc. ; Tracy, CA						Grand Glass Windows and Doors Inc. ; Mobile, AL					
5584	COMPOSITE	1/8	3.0 TTG		U A	4907	COMPOSITE	1/8	3.0 TTG		U A
4889	COMPOSITE	3/16	5.0 TTG		U A	4909	COMPOSITE	1/4	6.0 TTG		U A
4891	COMPOSITE	1/4	6.0 TTG		U A	5071	COMPOSITE	1/8	3.0 TPG (s)		U A
4892	COMPOSITE	3/8	10.0 TTG		U A	Guangdong Golden Glass Technologies ; Shantou, Guangdong, China					
4890	COMPOSITE	1/2	12.0 TTG		U A	3941	COMP+CAN	1/4	6.0 TTG		U A
4893	COMPOSITE	3/4	19.0 TTG		U A	3942	COMP+CAN	5/16	8.0 TTG		U A
4894	COMPOSITE	1/8	3.0 TPG (s)		U A	3943	COMP+CAN	3/8	10.0 TTG		U A
5128	COMPOSITE	5/32	4.0 TPG (d)		U A	3944	COMP+CAN	1/2	12.0 TTG		U A
4895	COMPOSITE	3/16	5.0 TPG (m)		U A	3945	COMP+CAN	*	15.0 TTG (3)		U A
4896	COMPOSITE	1/4	6.0 TPG (m)		U A	3946	COMP+CAN	3/4	19.0 TTG		U A
4897	COMPOSITE	3/8	10.0 TPG (s)		U A	4535	COMPOSITE	7/8	22.0 TTG		U A
4898	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	3947	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
4899	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	4723	COMPOSITE	(H)	16+ LTG (ip)(A)	(.060)	U B
Glasshape NA L.P. ; Auckland, New Zealand						Guardian Fabrication Inc. ; Webster, MA					
5714	COMPOSITE	1/4	6.0 TTG		U A	300	COMPOSITE	1/8	3.0 TTG		U A
5715	COMPOSITE	3/8	10.0 TTG		U A	1607	COMPOSITE	5/32	4.0 TTG		U A
5716	COMPOSITE	1/2	12.0 TTG		U A	1216	COMPOSITE	3/16	5.0 TTG		U A
5717	COMPOSITE	3/4	19.0 TTG		U A	662	COMPOSITE	1/4	6.0 TTG		U A
Glasswerks LA, Inc. East ; South Gate, CA						471	COMPOSITE	3/8	10.0 TTG		U A
4804	COMPOSITE	1/8	3.0 TTG		U A	1235	COMPOSITE	1/2	12.0 TTG		U A
4805	COMPOSITE	3/16	5.0 TTG		U A	3604	COMPOSITE	1/8	3.0 TPG (s)		U A
4806	COMPOSITE	1/4	6.0 TTG		U A	2451	COMPOSITE	5/32	4.0 TPG (m)		U A
Glasswerks LA, Inc. West ; South Gate CA						2603	COMPOSITE	3/16	5.0 TPG (m)		U A
5480	COMPOSITE	5/32	4.0 TTG		U A	3024	COMPOSITE	7/32	5.5 TPG (s)		U A
5481	COMPOSITE	3/16	5.0 TTG		U A	4656	COMPOSITE	1/4	6.0 TPG (s)		U A
5482	COMPOSITE	1/4	6.0 TTG		U A	Guardian Industries Corp. ; Carleton, MI					
Glaz-Tech Industries ; Englewood, CO						933	COMPOSITE	1/8	3.0 TTG		U A
2185	COMPOSITE	1/8	3.0 TTG		U A	934	COMPOSITE	5/32	4.0 TTG		U A
2186	COMPOSITE	3/16	5.0 TTG		U A	631	COMPOSITE	3/16	5.0 TTG		U A
2187	COMPOSITE	1/4	6.0 TTG		U A	131	COMPOSITE	1/4	6.0 TTG		U A
5143	COMPOSITE	3/8	10.0 TTG		U A	Guardian Industries Corp. ; Corsicana, TX					
2189	COMPOSITE	1/2	12.0 TTG		U A	1248	COMPOSITE	1/8	3.0 TTG		U A
2190	COMPOSITE	3/4	19.0 TTG		U A	1249	COMPOSITE	5/32	4.0 TTG		U A
2193	COMPOSITE	3/16	5.0 TPG (s)		U A	1250	COMPOSITE	3/16	5.0 TTG		U A
Glenny Glass Co. ; Milford, OH						1251	COMPOSITE	1/4	6.0 TTG		U A
3841	COMPOSITE	1/8	3.0 TTG		U A	1826	COMPOSITE	5/16	8.0 TTG		U A
3843	COMPOSITE	3/16	5.0 TTG		U A	1253	COMPOSITE	3/8	10.0 TTG		U A
3844	COMPOSITE	1/4	6.0 TTG		U A	1803	COMPOSITE	1/2	12.0 TTG		U A
3845	COMPOSITE	3/8	10.0 TTG		U A	2458	COMPOSITE	1/8	3.0 TPG (m)		U A
3846	COMPOSITE	1/2	12.0 TTG		U A	2459	COMPOSITE	5/32	4.0 TPG (m)		U A
Global Security Glazing ; Selma, AL						2460	COMPOSITE	3/16	5.0 TPG (m)		U A
4764	COMP+CAN	1/8	3.0 TTG		U A	5142	COMPOSITE	1/4	6.0 TPG (m)		U A
4765	COMP+CAN	3/16	5.0 TTG		U A	5133	COMPOSITE	3/8	10.0 TPG (m)		U A
4766	COMP+CAN	1/4	6.0 TTG		U A	Guardian Industries Corp. ; DeWitt, IA					
4767	COMP+CAN	3/8	10.0 TTG		U A	2020	COMPOSITE	1/8	3.0 TTG		U A
4768	COMP+CAN	1/2	12.0 TTG		U A	2021	COMPOSITE	5/32	4.0 TTG		U A
4769	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	2022	COMPOSITE	3/16	5.0 TTG		U A
5749	COMP+CAN	(H)	8 LTG (b)(A)	(.150)	U A	2023	COMPOSITE	1/4	6.0 TTG		U A
4770	COMP+CAN	(H)	12 LTG (b)(A)	(.060)	U A	2024	COMPOSITE	5/16	8.0 TTG		U A
Goldray Industries Ltd. ; Calgary, AB Canada						2545	COMPOSITE	3/8	10.0 TTG		U A
2445	COMP+CAN	5/32	4.0 TTG		U A	2649	COMPOSITE	1/2	12.0 TTG		U A
2446	COMP+CAN	3/16	5.0 TTG		U A						
2447	COMP+CAN	1/4	6.0 TTG		U A						
2448	COMP+CAN	3/8	10.0 TTG		U A						
2449	COMP+CAN	1/2	12.0 TTG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Guardian Industries Corp. ; Galax, VA						Industrial Tempering Glass ; Brooklyn, NY					
4604	COMP+CAN	1/8	3.0 TTG		U A	5564	COMPOSITE	3/16	5.0 TTG		U A
4605	COMP+CAN	5/32	4.0 TTG		U A	5565	COMPOSITE	1/4	6.0 TTG		U A
4606	COMP+CAN	3/16	5.0 TTG		U A	3418	COMPOSITE	3/8	10.0 TTG		U A
4607	COMP+CAN	1/4	6.0 TTG		U A	3419	COMPOSITE	1/2	12.0 TTG		U A
4608	COMP+CAN	5/16	8.0 TTG		U A	4240	COMPOSITE	3/4	19.0 TTG		U A
4609	COMP+CAN	3/8	10.0 TTG		U A	Inkan Ltd ; Brampton, ON					
4610	COMP+CAN	1/2	12.0 TTG		U A	5135	COMP+CAN	1/4	6.0 TTG		U A
4611	COMP+CAN	3/4	19.0 TTG (IN)		U A	5136	COMP+CAN	5/16	8.0 TTG		U A
4612	COMP+CAN	1/8	3.0 TPG (s)		U A	5137	COMP+CAN	3/8	10.0 TTG		U A
4613	COMP+CAN	3/16	5.0 TPG (m)		U A	5138	COMP+CAN	1/2	12.0 TTG		U A
4627	COMP+CAN	3/8	10.0 TPG (s)		U A	5139	COMP+CAN	5/8	16.0 TTG		U A
4800	COMP+CAN	(S)	6 LTG (b)(p)(el)(6)(A) (.075)		U A	5140	COMP+CAN	3/4	19.0 TTG		U A
4633	COMP+CAN	(S)	6 LTG (b)(A) (.030)		U A	Innovative Glass of America, Inc. ; Dallas, NC					
4658	COMP+CAN	(H)	8 LTG (b)(A) (.030)		U A	3859	COMPOSITE	1/8	3.0 TTG		U A
4829	COMP+CAN	(H)	8-10 LTG (b)(p)(el)(6)(A) (.075)		U A	3860	COMPOSITE	5/32	4.0 TTG		U A
Guardian Industries Corp. ; Geneva, NY						3861	COMPOSITE	3/16	5.0 TTG		U A
2259	COMPOSITE	1/8	3.0 TTG		U A	3862	COMPOSITE	1/4	6.0 TTG		U A
2260	COMPOSITE	5/32	4.0 TTG		U A	3863	COMPOSITE	3/8	10.0 TTG		U A
2261	COMPOSITE	3/16	5.0 TTG		U A	3864	COMPOSITE	1/2	12.0 TTG		U A
2262	COMPOSITE	1/4	6.0 TTG		U A	Insulite Glass Co., Inc. ; Olathe, KS					
3672	COMPOSITE	5/16	8.0 TTG		U A	4473	COMPOSITE	1/8	3.0 TTG		U A
2519	COMPOSITE	3/8	10.0 TTG		U A	4474	COMPOSITE	5/32	4.0 TTG		U A
3673	COMPOSITE	1/2	12.0 TTG		U A	3714	COMPOSITE	3/16	5.0 TTG		U A
Guardian Industries Corp. ; Kingsburg, CA						3715	COMPOSITE	1/4	6.0 TTG		U A
968	COMPOSITE	1/8	3.0 TTG		U A	3716	COMPOSITE	3/8	10.0 TTG		U A
969	COMPOSITE	5/32	4.0 TTG		U A	3717	COMPOSITE	1/2	12.0 TTG		U A
970	COMPOSITE	3/16	5.0 TTG		U A	3718	COMPOSITE	(S)	6 LTG (b)(A) (.030)		U A
971	COMPOSITE	1/4	6.0 TTG		U A	3720	COMPOSITE	(H)	8 LTG (b)(A) (.060)		U A
1303	COMPOSITE	1/8	3.0 TPG (d)		U A	5513	COMPOSITE	(H)	10-12 LTG (b)(A) (.030)		U A
1301	COMPOSITE	5/32	4.0 TPG (m)		U A	Integral Seal Mfg. Inc. ; Concord, ON Canada					
1304	COMPOSITE	3/16	5.0 TPG (m)		U A	4682	COMP+CAN	5/32	4.0 TTG		U A
1882	COMPOSITE	1/4	6.0 TPG (m)		U A	4683	COMP+CAN	3/16	5.0 TTG		U A
Guardian Industries Corp. ; Richburg, SC						4684	COMP+CAN	1/4	6.0 TTG		U A
1630	COMPOSITE	1/8	3.0 TTG		U A	Interglass Corp ; Miami, FL					
1631	COMPOSITE	5/32	4.0 TTG		U A	5032	COMPOSITE	3/16	5.0 TTG		U A
1632	COMPOSITE	3/16	5.0 TTG		U A	5033	COMPOSITE	1/4	6.0 TTG		U A
1633	COMPOSITE	1/4	6.0 TTG		U A	5034	COMPOSITE	3/8	10.0 TTG		U A
2382	COMPOSITE	5/16	8.0 TTG		U A	5035	COMPOSITE	1/2	12.0 TTG		U A
1634	COMPOSITE	3/8	10.0 TTG		U A	5036	COMPOSITE	3/4	19.0 TTG		U A
1683	COMPOSITE	1/8	3.0 TPG (m)		U A	5119	COMPOSITE	3/16	5.0 TPG (s)		U A
1635	COMPOSITE	5/32	4.0 TPG (m)		U A	5027	COMPOSITE	3/8	10.0 TPG (s)		U A
1865	COMPOSITE	3/16	5.0 TPG (m)		U A	Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China					
3002	COMPOSITE	1/4	6.0 TPG (m)		U A	2572	COMP+CAN	1/8	3.0 TTG		U A
3003	COMPOSITE	3/8	10.0 TPG (m)		U A	2573	COMP+CAN	5/32	4.0 TTG		U A
Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates						2574	COMP+CAN	3/16	5.0 TTG		U A
4796	COMPOSITE	1/4	6.0 TTG		U A	2575	COMP+CAN	1/4	6.0 TTG		U A
4797	COMPOSITE	3/8	10.0 TTG		U A	3025	COMP+CAN	5/16	8.0 TTG		U A
4798	COMPOSITE	*	12.0 TTG (7)		U A	2576	COMP+CAN	3/8	10.0 TTG		U A
4799	COMPOSITE	(H)	8 LTG (b)(A) (.030)		U A	2577	COMP+CAN	1/2	12.0 TTG		U A
Hartung Glass Industries Lami ; Langley, BC Canada											
4431	COMPOSITE	(H)	16+ LTG (ip)(A) (.070)		U A						

January 1, 2016

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)			
Intigral ; Walton Hills, OH						JYC Glass Co. Ltd. ; Foshan, Guangdong, China					
2050	COMP+CAN	1/8	3.0 TTG		U A	3957	COMP+CAN	1/8	3.0 TTG		U A
2051	COMP+CAN	5/32	4.0 TTG		U A	3958	COMP+CAN	5/32	4.0 TTG		U A
2052	COMP+CAN	3/16	5.0 TTG		U A	3959	COMP+CAN	3/16	5.0 TTG		U A
2055	COMP+CAN	1/4	6.0 TTG		U A	3960	COMP+CAN	1/4	6.0 TTG		U A
3631	COMP+CAN	1/8	3.0 TPG (m)		U A	3961	COMP+CAN	5/16	8.0 TTG		U A
4588	COMP+CAN	5/32	4.0 TPG (m)		U A	3962	COMP+CAN	3/8	10.0 TTG		U A
Jiangmen SYP Engineering Glass ; Jiangmen, Guangdong, China						3963	COMP+CAN	1/2	12.0 TTG		U A
4303	COMP+CAN	5/32	4.0 TTG		U A	4161	COMP+CAN	5/32	4.0 TPG (m)		U A
4304	COMP+CAN	3/16	5.0 TTG		U A	4162	COMP+CAN	3/16	5.0 TPG (m)		U A
4305	COMP+CAN	1/4	6.0 TTG		U A	4163	COMP+CAN	1/4	6.0 TPG (s)		U A
4306	COMP+CAN	5/16	8.0 TTG		U A	4165	COMP+CAN	3/16	5.0 TBP (m)		U A
4307	COMP+CAN	3/8	10.0 TTG		U A	4166	COMP+CAN	1/4	6.0 TBP (s)		U A
4308	COMP+CAN	1/2	12.0 TTG		U A	3991	COMP+CAN	5/32	4.0 TBG		U A
4309	COMP+CAN	*	15.0 TTG (3)		U A	3992	COMP+CAN	3/16	5.0 TBG		U A
4310	COMP+CAN	3/4	19.0 TTG		U A	3993	COMP+CAN	1/4	6.0 TBG		U A
5052	COMP+CAN	1/4	6.0 TBG		U A	3994	COMP+CAN	5/16	8.0 TBG		U A
5053	COMP+CAN	5/16	8.0 TBG		U A	Kawneer - (Cranberry) a division of Alcoa ; Cranberry Township, PA					
5054	COMP+CAN	3/8	10.0 TBG		U A	2488	COMPOSITE	1/8	3.0 TTG		U A
5055	COMP+CAN	1/2	12.0 TBG		U A	2489	COMPOSITE	3/16	5.0 TTG		U A
4312	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	2490	COMPOSITE	1/4	6.0 TTG		U A
4575	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.060)	U A	2678	COMPOSITE	5/16	8.0 TTG		U A
Jiaxing Joinbath Corporation ; Jiaxing, Zhejiang, China						4394	COMPOSITE	1/8	3.0 TPG (s)		U A
5708	COMPOSITE	5/32	4.0 TTG		U A	4395	COMPOSITE	3/16	5.0 TPG (s)		U A
5709	COMPOSITE	1/4	6.0 TTG		U A	5369	COMPOSITE	(s)	6 LTG (b)(A)	(.035)	U A
5710	COMPOSITE	5/16	8.0 TTG		U A	2748	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A
5711	COMPOSITE	5/32	4.0 TPG		U A	2715	COMPOSITE	(H)	8 & 12 LTG (b)(A)	(.060)	U A
5712	COMPOSITE	1/4	6.0 TPG		U A	2716	COMPOSITE	(H)	10 LTG (b)(A)	(.030)	U A
5713	COMPOSITE	3/16	5.0 TBG		U A	2719	COMPOSITE	(H)	12 LTG (b)(A)	(.090)	U A
Jin Yao Chang Tempered Glass Co., Ltd ; Guangdong						Kibing Special Glass Zhangzhou Co., Ltd. ; Zhangzhou, Fujian					
5489	COMPOSITE	1/8	3.0 TTG		U A	5377	COMPOSITE	5/32	4.0 TTG		U A
5292	COMPOSITE	5/32	4.0 TTG		U A	5378	COMPOSITE	3/16	5.0 TTG		U A
5293	COMPOSITE	3/16	5.0 TTG		U A	5379	COMPOSITE	1/4	6.0 TTG		U A
5600	COMPOSITE	1/4	6.0 TTG		U A	5380	COMPOSITE	5/16	8.0 TTG		U A
5294	COMPOSITE	5/16	8.0 TTG		U A	5381	COMPOSITE	3/8	10.0 TTG		U A
5684	COMPOSITE	3/8	10.0 TTG		U A	5382	COMPOSITE	1/2	12.0 TTG		U A
JM Glass ; Hayward, CA						Kohler Company ; Union City, TN					
4928	COMPOSITE	3/16	5.0 TTG		U A	1979	COMPOSITE	1/8	3.0 TTG		U A
4929	COMPOSITE	1/4	6.0 TTG		U A	1980	COMPOSITE	5/32	4.0 TTG		U A
4930	COMPOSITE	3/8	10.0 TTG		U A	1981	COMPOSITE	3/16	5.0 TTG		U A
4931	COMPOSITE	1/2	12.0 TTG		U A	1982	COMPOSITE	1/4	6.0 TTG		U A
						4668	COMPOSITE	5/16	8.0 TTG		U A
						2434	COMPOSITE	3/8	10.0 TTG		U A
						4012	COMPOSITE	1/2	12.0 TTG		U A
						1983	COMPOSITE	1/8	3.0 TPG (m)		U A
						3532	COMPOSITE	5/32	4.0 TPG (m)		U A
						1984	COMPOSITE	3/16	5.0 TPG (s)		U A
						2918	COMPOSITE	1/4	6.0 TPG (IN)(m)		U A
						Louisville Plate Glass Company ; Louisville, KY					
						5093	COMPOSITE	(H)	10 LTG (lu)(A)(6)	(.060)	U A

January 1, 2016

Certified Products-Alphabetical By Plant

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			(THICKNESS CLASS)							(THICKNESS CLASS)			
M Industria S.A. DE C.V. ; Merida, Yucatan Mexico							Nashville Tempered Glass Corp. ; Nashville, TN						
5761	COMPOSITE	1/8	3.0	TTG		U A	1416	COMP+CAN	1/8	3.0	TTG		U A
5410	COMPOSITE	1/4	6.0	TTG		U A	2497	COMP+CAN	5/32	4.0	TTG		U A
5411	COMPOSITE	3/8	10.0	TTG		U A	1467	COMP+CAN	3/16	5.0	TTG		U A
5412	COMPOSITE (H)		12, 20	LTG (b)(A)	(.030)	U A	1417	COMP+CAN	1/4	6.0	TTG		U A
5413	COMPOSITE (H)		12, 20	LTG (ip)(A)	(.035)	U A	5729	COMP+CAN	5/16	8.0	TTG		U A
M/M Tempering Inc. ; Loganville, GA							2494	COMP+CAN	3/8	10.0	TTG		U A
4280	COMPOSITE	1/4	6.0	TTG		U A	2420	COMP+CAN	1/8	3.0	TPG (s)		U A
4281	COMPOSITE	3/8	10.0	TTG		U A	5785	COMP+CAN	5/32	4.0	TPG (s)		U A
4282	COMPOSITE	1/2	12.0	TTG		U A	2417	COMP+CAN	3/16	5.0	TPG (s)		U A
Maryland Glass & Mirror ; Baltimore, MD							Nashville Tempered Glass LLC ; Hendersonville, TN						
4318	COMPOSITE	1/8	3.0	TTG		U A	2691	COMP+CAN	5/32	4.0	TTG		U A
4319	COMPOSITE	3/16	5.0	TTG		U A	2692	COMP+CAN	3/16	5.0	TTG		U A
4320	COMPOSITE	1/4	6.0	TTG		U A	2693	COMP+CAN	1/4	6.0	TTG		U A
4321	COMPOSITE	3/8	10.0	TTG		U A	2694	COMP+CAN	3/8	10.0	TTG		U A
4322	COMPOSITE	1/2	12.0	TTG		U A	4148	COMP+CAN	1/2	12.0	TTG		U A
McGrory Glass ; Paulsboro, NJ							5453	COMP+CAN	5/8	16.0	TTG		U A
4925	COMPOSITE	3/16	5.0	TTG		U A	5454	COMP+CAN	3/4	19.0	TTG		U A
4813	COMPOSITE	1/4	6.0	TTG		U A	5229	COMP+CAN (S)		6	LTG (b)(A)	(.015)	U B
4814	COMPOSITE	3/8	10.0	TTG		U A	5230	COMP+CAN (H)		10-12	LTG (b)(A)	(.030)	U A
4815	COMPOSITE	1/2	12.0	TTG		U A	5231	COMP+CAN (H)		12	LTG (ip)(A)	(.035)	U A
							New Angle Beveling ; Hyde, PA						
4816	COMPOSITE	5/8	16.0	TTG		U A	4593	COMPOSITE	1/8	3.0	TTG		U A
4817	COMPOSITE	3/4	19.0	TTG		U A	4594	COMPOSITE	3/16	5.0	TTG		U A
4818	COMPOSITE	1/4	6.0	TPG (s)		U A	4595	COMPOSITE	1/4	6.0	TTG		U A
4819	COMPOSITE	3/8	10.0	TPG (s)		U A	4591	COMPOSITE	3/8	10.0	TTG		U A
4820	COMPOSITE	1/2	12.0	TPG (s)		U A	4592	COMPOSITE	1/2	12.0	TTG		U A
5262	COMPOSITE (S)		8	LTG (b)(A)	(.045)	U A	New Century Glass & Aluminum LLC ; Woodside, NY						
5263	COMPOSITE (H)		10-12	LTG (b)(A)	(.030)	U A	5455	COMPOSITE	3/16	5.0	TTG		U A
Mega Tempering ; Brooklyn, NY							5456	COMPOSITE	1/4	6.0	TTG		U A
4299	COMPOSITE	1/4	6.0	TTG		U A	5457	COMPOSITE	3/8	10.0	TTG		U A
4300	COMPOSITE	3/8	10.0	TTG		U A	5458	COMPOSITE	1/2	12.0	TTG		U A
4301	COMPOSITE	1/2	12.0	TTG		U A	NY Tempering LLC ; Maspeth, NY						
Mercer Glass Fab LLC ; Trenton, NJ							4900	COMPOSITE	3/16	5.0	TTG		U A
4254	COMPOSITE	1/4	6.0	TTG		U A	4901	COMPOSITE	1/4	6.0	TTG		U A
4530	COMPOSITE	5/16	8.0	TTG		U A	4902	COMPOSITE	3/8	10.0	TTG		U U
4255	COMPOSITE	3/8	10.0	TTG		U A	4903	COMPOSITE	1/2	12.0	TTG		U A
4256	COMPOSITE	1/2	12.0	TTG		U A	Oldcastle BuildingEnvelope® ; Albertville, MN						
4257	COMPOSITE	1/4	6.0	TPG (m)		U A	3104	COMP+CAN	1/8	3.0	TTG		U A
4258	COMPOSITE	3/8	10.0	TPG (m)		U A	3105	COMP+CAN	5/32	4.0	TTG		U A
Milgard Tempering ; Dixon, CA							3106	COMP+CAN	3/16	5.0	TTG		U A
2842	COMPOSITE	1/4	6.0	TTG		U A	3107	COMP+CAN	1/4	6.0	TTG		U A
Multiver ; Vanier, QC							4882	COMP+CAN	5/16	8.0	TTG		U A
2498	COMPOSITE	1/8	3.0	TTG		U A	3108	COMP+CAN	3/8	10.0	TTG		U A
2629	COMPOSITE	5/32	4.0	TTG		U A	3109	COMP+CAN	1/2	12.0	TTG		U A
4524	COMPOSITE	3/16	5.0	TTG		U A	3110	COMP+CAN	5/8	16.0	TTG		U A
2499	COMPOSITE	1/4	6.0	TTG		U A	3111	COMP+CAN	3/4	19.0	TTG		U A
5226	COMPOSITE	5/16	8.0	TTG		U A	3112	COMP+CAN	5/32	4.0	TPG (s)		U A
5227	COMPOSITE	3/8	10.0	TTG		U A	3113	COMP+CAN	3/16	5.0	TPG (s)		U A
5228	COMPOSITE	1/2	12.0	TTG		U A	3561	COMP+CAN	1/4	6.0	TPG (s)		U A
							3127	COMP+CAN	3/8	10.0	TPG (m)		U A

January 1, 2016

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® ; Calgary, AB						Oldcastle BuildingEnvelope® ; Denver, CO					
3263	COMP+CAN	1/8	3.0 TTG		U A	3310	COMP+CAN	1/8	3.0 TTG		U A
3264	COMP+CAN	5/32	4.0 TTG		U A	3311	COMP+CAN	5/32	4.0 TTG		U A
3265	COMP+CAN	3/16	5.0 TTG		U A	3312	COMP+CAN	3/16	5.0 TTG		U A
3266	COMP+CAN	1/4	6.0 TTG		U A	3313	COMP+CAN	1/4	6.0 TTG		U A
3267	COMP+CAN	5/16	8.0 TTG		U A	3314	COMP+CAN	3/8	10.0 TTG		U A
3268	COMP+CAN	3/8	10.0 TTG		U A	3315	COMP+CAN	1/2	12.0 TTG		U A
3269	COMP+CAN	1/2	12.0 TTG		U A	3317	COMP+CAN	1/8	3.0 TPG (s)		U A
3270	COMP+CAN	5/8	16.0 TTG		U A	3318	COMP+CAN	5/32	4.0 TPG (d)		U A
3271	COMP+CAN	3/4	19.0 TTG		U A	3319	COMP+CAN	3/16	5.0 TPG (m)		U A
3272	COMP+CAN	1/8	3.0 TPG (m)		U A	3320	COMP+CAN	1/4	6.0 TPG (s)		U A
3273	COMP+CAN	5/32	4.0 TPG (d)		U A	3321	COMP+CAN	3/8	10.0 TPG (s)		U A
3274	COMP+CAN	3/16	5.0 TPG (d)		U A	4455	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
3275	COMP+CAN	1/4	6.0 TPG (m)		U A	4533	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3262	COMP+CAN	3/8	10.0 TPG (d)		U A	4454	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
Oldcastle BuildingEnvelope® ; Concord, ON						4456	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
3439	COMP+CAN	1/8	3.0 TTG		U A	Oldcastle BuildingEnvelope® ; Fremont, CA					
3440	COMP+CAN	5/32	4.0 TTG		U A	3191	COMP+CAN	1/8	3.0 TTG		U A
3441	COMP+CAN	3/16	5.0 TTG		U A	3192	COMP+CAN	5/32	4.0 TTG		U A
3442	COMP+CAN	1/4	6.0 TTG		U A	3193	COMP+CAN	3/16	5.0 TTG		U A
3443	COMP+CAN	5/16	8.0 TTG		U A	3194	COMP+CAN	1/4	6.0 TTG		U A
3444	COMP+CAN	3/8	10.0 TTG		U A	5387	COMP+CAN	5/16	8.0 TTG		U A
3445	COMP+CAN	1/2	12.0 TTG		U A	3195	COMP+CAN	3/8	10.0 TTG		U A
3446	COMP+CAN	5/8	16.0 TTG		U A	3196	COMP+CAN	1/2	12.0 TTG		U A
3447	COMP+CAN	3/4	19.0 TTG		U A	4458	COMP+CAN	5/8	16.0 TTG		U A
4424	COMP+CAN	3/16	5.0 TPG (s)		U A	3197	COMP+CAN	3/4	19.0 TTG		U A
3448	COMP+CAN	3/8	10.0 TPG (s)		U A	3199	COMP+CAN	1/8	3.0 TPG (s)		U A
Oldcastle BuildingEnvelope® ; Covington, GA						3200	COMP+CAN	5/32	4.0 TPG (s)		U A
3329	COMP+CAN	1/8	3.0 TTG		U A	3201	COMP+CAN	3/16	5.0 TPG (m)		U A
3330	COMP+CAN	5/32	4.0 TTG		U A	3907	COMP+CAN	1/4	6.0 TPG (m)		U A
3331	COMP+CAN	3/16	5.0 TTG		U A	3203	COMP+CAN	3/8	10.0 TPG (s)		U A
3332	COMP+CAN	1/4	6.0 TTG		U A	4531	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3333	COMP+CAN	3/8	10.0 TTG		U A	4461	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A
3334	COMP+CAN	1/2	12.0 TTG		U A	4460	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3335	COMP+CAN	3/4	19.0 TTG		U A	Oldcastle BuildingEnvelope® ; Grand Prairie, TX					
3336	COMP+CAN	1/8	3.0 TPG (s)		U A	3250	COMP+CAN	1/8	3.0 TTG (IN)		U A
3337	COMP+CAN	5/32	4.0 TPG (s)		U A	3251	COMP+CAN	5/32	4.0 TTG (IN)		U A
3338	COMP+CAN	3/16	5.0 TPG (m)		U A	3252	COMP+CAN	3/16	5.0 TTG		U A
3339	COMP+CAN	1/4	6.0 TPG (m)		U A	3253	COMP+CAN	1/4	6.0 TTG		U A
3340	COMP+CAN	3/8	10.0 TPG (s)		U A	3255	COMP+CAN	3/8	10.0 TTG		U A
4391	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	3256	COMP+CAN	1/2	12.0 TTG		U A
4393	COMP+CAN	(H)	10-12 LTG (ip)(A)	(.035)	U A	3257	COMP+CAN	3/4	19.0 TTG		U A
4392	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A	3425	COMP+CAN	1/8	3.0 TPG (IN)(s)		U A
						3426	COMP+CAN	5/32	4.0 TPG (IN)(m)		U A
						3427	COMP+CAN	3/16	5.0 TPG (s)		U A
						3428	COMP+CAN	3/8	10.0 TPG (s)		U A
						5459	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Oldcastle BuildingEnvelope® ; Hauppauge, NY						Oldcastle BuildingEnvelope® ; Los Angeles, CA					
1546	COMP+CAN	1/8	3.0 TTG		U A	1608	COMP+CAN	1/8	3.0 TTG		U A
1547	COMP+CAN	3/16	5.0 TTG		U A	1609	COMP+CAN	5/32	4.0 TTG		U A
1548	COMP+CAN	1/4	6.0 TTG		U A	630	COMP+CAN	3/16	5.0 TTG		U A
4180	COMP+CAN	5/16	8.0 TTG		U A	514	COMP+CAN	1/4	6.0 TTG		U A
1549	COMP+CAN	3/8	10.0 TTG		U A	4400	COMP+CAN	5/16	8.0 TTG		U A
1550	COMP+CAN	1/2	12.0 TTG		U A	515	COMP+CAN	3/8	10.0 TTG		U A
4181	COMP+CAN	5/8	16.0 TTG		U A	516	COMP+CAN	1/2	12.0 TTG		U A
1551	COMP+CAN	3/4	19.0 TTG		U A	4387	COMP+CAN	5/8	16.0 TTG		U A
3492	COMP+CAN	3/16	5.0 TPG (d)		U A	2074	COMP+CAN	3/4	19.0 TTG		U A
3392	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	935	COMP+CAN	3/16	5.0 TPG (s)		U A
5718	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	4133	COMP+CAN	1/4	6.0 TPG (s)		U A
4618	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3793	COMP+CAN	3/8	10.0 TPG (d)		U A
5355	COMP+CAN	(H)	8, 12-16+ LTG (ip)(A)	(.035)	U A	5630	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
Oldcastle BuildingEnvelope® ; Houston, TX						4346	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3156	COMP+CAN	1/8	3.0 TTG		U A	4563	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3157	COMP+CAN	5/32	4.0 TTG		U A	4561	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.035)	U A
3158	COMP+CAN	3/16	5.0 TTG		U A	Oldcastle BuildingEnvelope® ; Miami, FL					
3159	COMP+CAN	1/4	6.0 TTG		U A	3496	COMP+CAN	1/8	3.0 TTG		U A
3160	COMP+CAN	3/8	10.0 TTG		U A	3497	COMP+CAN	3/16	5.0 TTG		U A
3161	COMP+CAN	1/2	12.0 TTG		U A	3498	COMP+CAN	1/4	6.0 TTG		U A
3163	COMP+CAN	5/32	4.0 TPG (d)		U A	3499	COMP+CAN	3/8	10.0 TTG		U A
3164	COMP+CAN	3/16	5.0 TPG (m)		U A	3500	COMP+CAN	1/2	12.0 TTG		U A
3165	COMP+CAN	1/4	6.0 TPG (m)		U A	3501	COMP+CAN	1/8	3.0 TPG (s)		U A
3166	COMP+CAN	3/8	10.0 TPG (s)		U A	3502	COMP+CAN	3/16	5.0 TPG (m)		U A
4402	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	4477	COMP+CAN	1/4	6.0 TPG (d)		U A
4401	COMP+CAN	(H)	12 LTG (ip)(A)	(.090)	U A	3503	COMP+CAN	3/8	10.0 TPG (s)		U A
Oldcastle BuildingEnvelope® ; Indianapolis, IN						4001	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
2210	COMP+CAN	1/8	3.0 TTG		U A	4397	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
2216	COMP+CAN	5/32	4.0 TTG		U A	4399	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
2211	COMP+CAN	3/16	5.0 TTG		U A	4398	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
2212	COMP+CAN	1/4	6.0 TTG		U A	Oldcastle BuildingEnvelope® ; Moorestown, NJ					
2213	COMP+CAN	3/8	10.0 TTG		U A	3180	COMP+CAN	1/8	3.0 TTG		U A
2214	COMP+CAN	1/2	12.0 TTG		U A	3181	COMP+CAN	5/32	4.0 TTG		U A
4384	COMP+CAN	1/8	3.0 TPG (s)		U A	3182	COMP+CAN	3/16	5.0 TTG		U A
2215	COMP+CAN	3/16	5.0 TPG (s)		U A	3183	COMP+CAN	1/4	6.0 TTG		U A
5442	COMP+CAN	1/4	6.0 TPG (d)		U A	3184	COMP+CAN	3/8	10.0 TTG		U A
3259	COMP+CAN	3/8	10.0 TPG (s)		U A	3185	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Langley, BC						4054	COMP+CAN	5/8	16.0 TTG		U A
3286	COMP+CAN	1/8	3.0 TTG		U A	3186	COMP+CAN	1/8	3.0 TPG (m)		U A
3287	COMP+CAN	5/32	4.0 TTG		U A	3187	COMP+CAN	5/32	4.0 TPG (d)		U A
3288	COMP+CAN	3/16	5.0 TTG		U A	3188	COMP+CAN	3/16	5.0 TPG (m)		U A
3289	COMP+CAN	1/4	6.0 TTG		U A	3189	COMP+CAN	1/4	6.0 TPG (m)		U A
3290	COMP+CAN	5/16	8.0 TTG		U A	3190	COMP+CAN	3/8	10.0 TPG (s)		U A
3291	COMP+CAN	3/8	10.0 TTG		U A						
3292	COMP+CAN	1/2	12.0 TTG		U A						
3293	COMP+CAN	5/8	16.0 TTG		U A						
3294	COMP+CAN	3/4	19.0 TTG		U A						
3295	COMP+CAN	1/8	3.0 TPG (m)		U A						
3296	COMP+CAN	5/32	4.0 TPG (d)		U A						
3297	COMP+CAN	3/16	5.0 TPG (d)		U A						
4710	COMP+CAN	3/8	10.0 TPG (s)		U A						
4475	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U B						
4476	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U B						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope® ; Perrysburg, OH							Oldcastle BuildingEnvelope® ; Schofield, WI						
3233	COMP+CAN	1/8		3.0 TTG		U A	3167	COMP+CAN	1/8		3.0 TTG		U A
3234	COMP+CAN	5/32		4.0 TTG		U A	3168	COMP+CAN	5/32		4.0 TTG		U A
3235	COMP+CAN	3/16		5.0 TTG		U A	3169	COMP+CAN	3/16		5.0 TTG		U A
3236	COMP+CAN	1/4		6.0 TTG		U A	3170	COMP+CAN	1/4		6.0 TTG		U A
4443	COMP+CAN	5/16		8.0 TTG		U A	3171	COMP+CAN	5/16		8.0 TTG		U A
3237	COMP+CAN	3/8		10.0 TTG		U A	3172	COMP+CAN	3/8		10.0 TTG		U A
3238	COMP+CAN	1/2		12.0 TTG		U A	3173	COMP+CAN	1/2		12.0 TTG		U A
3239	COMP+CAN	5/8		16.0 TTG		U A	3177	COMP+CAN	5/32		4.0 TPG (d)		U A
3240	COMP+CAN	3/4		19.0 TTG		U A	3178	COMP+CAN	3/16		5.0 TPG (d)		U A
3242	COMP+CAN	1/8		3.0 TPG (s)		U A	3179	COMP+CAN	1/4		6.0 TPG (d)		U A
3243	COMP+CAN	3/16		5.0 TPG (m)		U A	3176	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
3244	COMP+CAN	1/4		6.0 TPG (m)		U A	4558	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
3245	COMP+CAN	3/8		10.0 TPG (m)		U A	Oldcastle BuildingEnvelope® ; Shawnee, OK						
4700	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	3095	COMP+CAN	1/8		3.0 TTG		U A
4444	COMP+CAN	(H)		8-16+ LTG (ip)(A)	(.035)	U A	3096	COMP+CAN	5/32		4.0 TTG		U A
4446	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	3097	COMP+CAN	3/16		5.0 TTG		U A
Oldcastle BuildingEnvelope® ; Phoenix, AZ							3098	COMP+CAN	1/4		6.0 TTG		U A
3128	COMP+CAN	1/8		3.0 TTG		U A	3099	COMP+CAN	3/8		10.0 TTG		U A
3129	COMP+CAN	5/32		4.0 TTG		U A	3100	COMP+CAN	1/2		12.0 TTG		U A
3130	COMP+CAN	3/16		5.0 TTG		U A	3101	COMP+CAN	1/8		3.0 TPG (m)		U A
3131	COMP+CAN	1/4		6.0 TTG		U A	3102	COMP+CAN	5/32		4.0 TPG (m)		U A
3132	COMP+CAN	3/8		10.0 TTG		U A	3103	COMP+CAN	3/16		5.0 TPG (m)		U A
3133	COMP+CAN	1/2		12.0 TTG		U A	Oldcastle BuildingEnvelope® ; Tampa, FL						
3134	COMP+CAN	1/8		3.0 TPG (s)		U A	3116	COMP+CAN	1/8		3.0 TTG		U A
3135	COMP+CAN	5/32		4.0 TPG (s)		U A	3118	COMP+CAN	3/16		5.0 TTG		U A
3136	COMP+CAN	3/16		5.0 TPG (m)		U A	3119	COMP+CAN	1/4		6.0 TTG		U A
3999	COMP+CAN	1/4		6.0 TPG (s)		U A	3120	COMP+CAN	3/8		10.0 TTG		U A
3729	COMP+CAN	3/8		10.0 TPG (s)		U A	3121	COMP+CAN	1/2		12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Pointe-aux-Trembles, QC							3122	COMP+CAN	1/8		3.0 TPG (s)		U A
1996	COMP+CAN	1/8		3.0 TTG		U A	3124	COMP+CAN	3/16		5.0 TPG (m)		U A
4247	COMP+CAN	5/32		4.0 TTG		U A	3125	COMP+CAN	1/4		6.0 TPG (m)		U A
1997	COMP+CAN	3/16		5.0 TTG		U A	4340	COMP+CAN	3/8		10.0 TPG (s)		U A
2543	COMP+CAN	1/4		6.0 TTG		U A	4448	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
2884	COMP+CAN	5/16		8.0 TTG		U A	4449	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
2544	COMP+CAN	3/8		10.0 TTG		U A	5051	COMP+CAN	(H)		12 LTG (ip)(A)	(.035)	U A
2062	COMP+CAN	1/2		12.0 TTG		U A	Oldcastle BuildingEnvelope® ; Vancouver, WA						
2063	COMP+CAN	5/8		16.0 TTG		U A	3219	COMP+CAN	1/8		3.0 TTG		U A
2885	COMP+CAN	3/4		19.0 TTG		U A	3220	COMP+CAN	5/32		4.0 TTG		U A
4432	COMP+CAN	(S)		6 LTG (ip)(A)	(.035)	U A	3221	COMP+CAN	3/16		5.0 TTG		U A
5024	COMP+CAN	(S)		6 LTG (b)(A)	(.015)(C1)	U B	3222	COMP+CAN	1/4		6.0 TTG		U A
5025	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	3223	COMP+CAN	5/16		8.0 TTG		U A
4435	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A	3224	COMP+CAN	3/8		10.0 TTG		U A
4433	COMP+CAN	(H)		8-16+ LTG (ip)(A)	(.035)	U A	3225	COMP+CAN	1/2		12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Rock Hill, SC							3226	COMP+CAN	1/8		3.0 TPG (s)		U A
3276	COMP+CAN	1/8		3.0 TTG		U A	3227	COMP+CAN	5/32		4.0 TPG (d)		U A
3462	COMP+CAN	5/32		4.0 TTG		U A	3228	COMP+CAN	3/16		5.0 TPG (m)		U A
3277	COMP+CAN	3/16		5.0 TTG		U A	3229	COMP+CAN	1/4		6.0 TPG (m)		U A
3278	COMP+CAN	1/4		6.0 TTG		U A	3230	COMP+CAN	3/8		10.0 TPG (m)		U A
4787	COMP+CAN	5/16		8.0 TTG		U A							
3279	COMP+CAN	3/8		10.0 TTG		U A							
3280	COMP+CAN	1/2		12.0 TTG		U A							
3281	COMP+CAN	1/8		3.0 TPG (s)		U A							
4396	COMP+CAN	5/32		4.0 TPG (d)		U A							
3283	COMP+CAN	3/16		5.0 TPG (d)		U A							
3284	COMP+CAN	1/4		6.0 TPG (d)		U A							
3285	COMP+CAN	3/8		10.0 TPG (d)		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® ; Warrenton, MO						PG Building Glass Processing ; Cape Town, South Africa					
3144	COMP+CAN	1/8	3.0 TTG		U A	4887	COMPOSITE	5/32	4.0 TTG		U A
3145	COMP+CAN	5/32	4.0 TTG		U A	PGT Industries ; Nokomis, FL					
3146	COMP+CAN	3/16	5.0 TTG		U A	2389	COMPOSITE	1/8	3.0 TTG		U A
3147	COMP+CAN	1/4	6.0 TTG		U A	2390	COMPOSITE	3/16	5.0 TTG		U A
3796	COMP+CAN	5/16	8.0 TTG		U A	2391	COMPOSITE	1/4	6.0 TTG		U A
3148	COMP+CAN	3/8	10.0 TTG		U A	3880	COMPOSITE	1/8	3.0 TPG (s)		U A
3149	COMP+CAN	1/2	12.0 TTG		U A	3881	COMPOSITE	3/16	5.0 TPG (s)		U A
3151	COMP+CAN	1/8	3.0 TPG (s)		U A	2426	COMPOSITE	(H)	8-12 LTG (b)(A)	(.060)	U A
3152	COMP+CAN	5/32	4.0 TPG (s)		U A	3482	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A
3153	COMP+CAN	3/16	5.0 TPG (m)		U A	4812	COMPOSITE	(H)	8-10 LPG (s)(ip)(A)	(.090)	U A
3154	COMP+CAN	1/4	6.0 TPG (m)		U A	4801	COMPOSITE	(H)	8-10 LPG (s)(b)(A)	(.060)	U A
3155	COMP+CAN	3/8	10.0 TPG (d)		U A	Phoenicia Flat Glass Industries ; Nazaret, Ilt Israel					
Oldcastle BuildingEnvelope® ; Wright City, MO						5290	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
3137	COMP+CAN	1/8	3.0 TTG		U A	5786	COMPOSITE	(S)	6 LTG (b)(A)	(.015)	U B
3138	COMP+CAN	5/32	4.0 TTG		U A	5629	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
3139	COMP+CAN	3/16	5.0 TTG		U A	PPG Inds. Inc. ; Barrie, ON					
3140	COMP+CAN	1/4	6.0 TTG		U A	5207	COMP+CAN	1/8	3.0 TTG		U A
3141	COMP+CAN	5/16	8.0 TTG		U A	5204	COMP+CAN	5/32	4.0 TTG		U A
3142	COMP+CAN	3/8	10.0 TTG		U A	5205	COMP+CAN	3/16	5.0 TTG		U A
3143	COMP+CAN	1/2	12.0 TTG		U A	5206	COMP+CAN	1/4	6.0 TTG		U A
4526	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	PPG Inds. Inc. ; Carlisle, PA					
4528	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A	250	COMP+CAN	1/8	3.0 TTG		U A
4527	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	675	COMP+CAN	5/32	4.0 TTG		U A
4529	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A	249	COMP+CAN	3/16	5.0 TTG		U A
Paragon Tempered Glass ; Antwerp, OH						382	COMP+CAN	1/4	6.0 TTG		U A
2684	COMPOSITE	1/8	3.0 TTG		U A	PPG Inds., Inc. ; Wichita Falls, TX					
2685	COMPOSITE	5/32	4.0 TTG		U A	1110	COMPOSITE	1/8	3.0 TTG		U A
2686	COMPOSITE	3/16	5.0 TTG		U A	1111	COMPOSITE	5/32	4.0 TTG		U A
2687	COMPOSITE	1/4	6.0 TTG		U A	1112	COMPOSITE	3/16	5.0 TTG		U A
2688	COMPOSITE	3/8	10.0 TTG		U A	1113	COMPOSITE	1/4	6.0 TTG		U A
5242	COMPOSITE	3/16	5.0 TBG		U A	3577	COMPOSITE	5/16	8.0 TTG		U A
4811	COMPOSITE	1/4	6.0 TBG		U A	3578	COMPOSITE	3/8	10.0 TTG		U A
Patio Enclosures ; Macedonia, OH						Prelco Inc. ; Riviere-du-loup, QC					
2056	COMPOSITE	1/8	3.0 TTG		U A	2034	COMP+CAN	1/8	3.0 TTG		U A
2057	COMPOSITE	5/32	4.0 TTG		U A	2035	COMP+CAN	5/32	4.0 TTG		U A
3015	COMPOSITE	1/4	6.0 TTG		U A	2713	COMP+CAN	3/16	5.0 TTG		U A
Pennsylvania Insulating Glass ; Lewistown, PA						2015	COMP+CAN	1/4	6.0 TTG		U A
3918	COMPOSITE	(S)	5-6 LTG (b)(A)	(.030)	U A	2751	COMP+CAN	5/16	8.0 TTG		U A
3919	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A	2381	COMP+CAN	3/8	10.0 TTG		U A
Perficom S.A. DE C.V. ; San Juan Del Rio, Querétaro, Mexico						2048	COMP+CAN	1/2	12.0 TTG		U A
4512	COMPOSITE	1/8	3.0 TTG		U A	4904	COMP+CAN	3/4	19.0 TTG		U A
PFG Glass ; Langley, BC						4905	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3538	COMP+CAN	1/8	3.0 TTG		U A	4906	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3539	COMP+CAN	5/32	4.0 TTG		U A	Prelco Inc. ; Saint-Jacques, NB					
3540	COMP+CAN	3/16	5.0 TTG		U A	4911	COMP+CAN	1/8	3.0 TTG		U A
3541	COMP+CAN	1/4	6.0 TTG		U A	4912	COMP+CAN	5/32	4.0 TTG		U A
3542	COMP+CAN	5/16	8.0 TTG		U A	4913	COMP+CAN	3/16	5.0 TTG		U A
3543	COMP+CAN	3/8	10.0 TTG		U A	4914	COMP+CAN	1/4	6.0 TTG		U A
3544	COMP+CAN	1/2	12.0 TTG		U A	4915	COMP+CAN	5/16	8.0 TTG		U A
3547	COMP+CAN	1/8	3.0 TPG (s)		U A	4916	COMP+CAN	3/8	10.0 TTG		U A
3548	COMP+CAN	5/32	4.0 TPG (d)		U A	4917	COMP+CAN	1/2	12.0 TTG		U A
3549	COMP+CAN	3/16	5.0 TPG (m)		U A	PRL Glass Systems ; City of Industry, CA					
3711	COMP+CAN	1/4	6.0 TPG (m)		U A	5605	COMPOSITE	(H)	12 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)			
Productos De Valor Agregado en Cristal S.A. de C.V. ; San Juan Ixhuatepec, Tlalnepantla, Mexico						QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei, China					
4639	COMPOSITE	3/16	5.0 TTG		U A	3690	COMPOSITE	1/8	3.0 TTG		U A
4645	COMPOSITE	1/4	6.0 TTG		U A	Quaker Window Products, Inc. ; Freeburg, MO					
4788	COMPOSITE	5/16	8.0 TTG		U A	2985	COMP+CAN	1/8	3.0 TTG		U A
4640	COMPOSITE	3/8	10.0 TTG		U A	5297	COMP+CAN	5/32	4.0 TTG		U A
4641	COMPOSITE	1/2	12.0 TTG		U A	2986	COMP+CAN	3/16	5.0 TTG		U A
4642	COMPOSITE	3/4	19.0 TTG		U A	3485	COMP+CAN	1/4	6.0 TTG		U A
Produits Verrier International Inc. ; Montreal, Quebec						2968	COMP+CAN	1/8	3.0 TPG (m)		U A
5498	COMP+CAN	1/8	3.0 TTG		U A	2969	COMP+CAN	5/32	4.0 TPG (IN)(m)		U A
5499	COMP+CAN	5/32	4.0 TTG		U A	3486	COMP+CAN	3/16	5.0 TPG (m)		U A
5500	COMP+CAN	3/16	5.0 TTG		U A	2970	COMP+CAN	1/4	6.0 TPG (IN)(m)		U A
5501	COMP+CAN	1/4	6.0 TTG		U A	Quality Glass & Mirror, Inc. ; Mount Prospect, IL					
5502	COMP+CAN	3/8	10.0 TTG		U A	2981	COMPOSITE	3/16	5.0 TTG		U A
5503	COMP+CAN	1/2	12.0 TTG		U A	2982	COMPOSITE	1/4	6.0 TTG		U A
5504	COMP+CAN	1/8	3.0 TPG (s)		U A	2983	COMPOSITE	3/8	10.0 TTG		U A
5505	COMP+CAN	3/16	5.0 TPG (s)		U A	2984	COMPOSITE	1/2	12.0 TTG		U A
Protective Insulating Glass ; New Braunfels, TX						3805	COMPOSITE	3/4	19.0 TTG		U A
5235	COMPOSITE (S)		5-6 LTG (b)(A)	(.030)	U A	Quest Window Systems ; Mississauga, ON					
5236	COMPOSITE (H)		8-12 LTG (b)(A)	(.030)	U A	5719	COMP+CAN	1/4	6.0 TTG		U A
PT Abebersa Pratama ; Bekasi, Indonesia						Ready Glass & Mirror, Inc. ; Hialeah, FL					
3905	COMPOSITE	5/32	4.0 TTG		U A	3745	COMPOSITE	3/16	5.0 TTG		U A
3906	COMPOSITE	3/16	5.0 TTG		U A	3746	COMPOSITE	1/4	6.0 TTG		U A
Pulp Studio Inc. ; Los Angeles, CA						3747	COMPOSITE	3/8	10.0 TTG		U A
5741	COMPOSITE (H)		8 LTG (b)(A)	(.030)	U A	3748	COMPOSITE	1/2	12.0 TTG		U A
4711	COMPOSITE (H)		10-12 LTG (b)(A)	(.030)	U A	5634	COMPOSITE (H)	8-16+ LTG (ip)(A)		(.035)	U A
5742	COMPOSITE (H)		16+ LTG (b)(A)	(.030)	U A	Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates					
Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong China						4675	COMPOSITE	1/4	6.0 TTG		U A
5529	COMPOSITE	1/4	6.0 TTG		U A	4676	COMPOSITE	5/16	8.0 TTG		U A
5530	COMPOSITE	3/8	10.0 TTG		U A	4677	COMPOSITE	3/8	10.0 TTG		U A
5531	COMPOSITE	1/2	12.0 TTG		U A	RF Supply, Inc. ; Bradenton, FL					
Qingdao Jinjing Co., Ltd. ; Qingdao City, Shandong China						4225	COMPOSITE	1/4	6.0 TTG		U A
5613	COMPOSITE	1/8	3.0 TTG		U A	4226	COMPOSITE	3/8	10.0 TTG		U A
5617	COMPOSITE	5/32	4.0 TTG		U A	4227	COMPOSITE	1/2	12.0 TTG		U A
Qingdao Laurel Enterprise Co., Ltd. ; Qingdao City, China						Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong					
5689	COMPOSITE (S)		6 LTG (b)(A)	(.015)	U A	5566	COMP+CAN	5/32	4.0 TTG		U A
Qinhuangdao Detai Tempered Glass Co., Ltd. ; Qinhuangdao, Hebei, China						5568	COMP+CAN	1/4	6.0 TTG		U A
4156	COMPOSITE	1/8	3.0 TTG		U A	5569	COMP+CAN	5/16	8.0 TTG		U A
Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao City, Hebei Province						5570	COMP+CAN	3/8	10.0 TTG		U A
5280	COMPOSITE	1/8	3.0 TTG		U A	5571	COMP+CAN	1/2	12.0 TTG		U A
Qinhuangdao Kunping Safety Glass Co. Ltd. ; Qinhuangdao, Hebei, China						5572	COMP+CAN	5/8	15.0 TTG		U A
3730	COMPOSITE	1/8	3.0 TTG		U A	5573	COMP+CAN	3/4	19.0 TTG		U A
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ; Qinhuangdao, Hebei, China						5580	COMP+CAN (S)	6 LTG (b)(A)		(.015)	U B
5129	COMP+CAN *		12.0 TTG (3)		U A	5581	COMP+CAN (H)	8-16 LTG (b)(A)		(.015)	U B
5130	COMP+CAN *		16.0 TTG (3)		U A	Robover Inc. ; Quebec City, QC					
Qinhuangdao Qicaishi ; Qinhuangdao, Hebei, China						5199	COMP+CAN	1/8	3.0 TTG		U A
5141	COMPOSITE	1/8	3.0 TTG		U A	5200	COMP+CAN	5/32	4.0 TTG		U A
						5201	COMP+CAN	3/16	5.0 TTG		U A
						5202	COMP+CAN	1/4	6.0 TTG		U A
						5727	COMP+CAN	3/16	5.0 TPG (m)		U A

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
SAAND London ; London, ON Canada						Shanghai Chungce Glass Co., Ltd. ; Shanghai, China					
3978	COMP+CAN	1/8	3.0 TTG		U A	5461	ANSI ONLY	1/8	3.0 TTG		U A
4278	COMP+CAN	5/32	4.0 TTG		U A	Shanghai SYP Building Glass ; Shanghai, China					
3979	COMP+CAN	3/16	5.0 TTG		U A	2779	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
3980	COMP+CAN	1/4	6.0 TTG		U A	4807	COMPOSITE	(H)	8-16+ LTG (ip)(A)	(.035)	U A
3981	COMP+CAN	3/8	10.0 TTG		U A	4353	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
SAAND Ottawa ; Stittsville, ON						2780	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.015)	U B
4949	COMP+CAN	1/8	3.0 TTG		U A	Shanghai SYP Engineering Glass ; Shanghai, China					
4950	COMP+CAN	5/32	4.0 TTG		U A	4067	COMPOSITE	5/32	4.0 TTG		U A
4951	COMP+CAN	3/16	5.0 TTG		U A	4068	COMPOSITE	3/16	5.0 TTG		U A
4952	COMP+CAN	1/4	6.0 TTG		U A	4069	COMPOSITE	1/4	6.0 TTG		U A
4953	COMP+CAN	3/8	10.0 TTG		U A	4070	COMPOSITE	5/16	8.0 TTG		U A
4954	COMP+CAN	1/2	12.0 TTG		U A	4071	COMPOSITE	3/8	10.0 TTG		U A
SAAND Rexdale ; Rexdale, ON						4072	COMPOSITE	1/2	12.0 TTG		U A
4995	COMP+CAN	1/8	3.0 TTG		U A	4073	COMPOSITE	*	15.0 TTG (3)		U A
4996	COMP+CAN	5/32	4.0 TTG		U A	4074	COMPOSITE	3/4	19.0 TTG		U A
4997	COMP+CAN	3/16	5.0 TTG		U A	Shenzhen Kai Tai Glass Co., LTD ; Shenzhen City, Guangdong					
4998	COMP+CAN	1/4	6.0 TTG		U A	5436	COMPOSITE	1/4	6.0 TTG		U A
4999	COMP+CAN	3/8	10.0 TTG		U A	5437	COMPOSITE	5/16	8.0 TTG		U A
5000	COMP+CAN	1/2	12.0 TTG		U A	5438	COMPOSITE	3/8	10.0 TTG		U A
5008	COMP+CAN	5/8	15.0 TTG (3)		U A	5439	COMPOSITE	1/2	12.0 TTG		U A
5003	COMP+CAN	1/8	3.0 TPG (s)		U A	5440	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A
5005	COMP+CAN	3/16	5.0 TPG (s)		U A	SIGCO, Inc. ; Westbrook, ME					
5001	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A	2961	COMPOSITE	1/8	3.0 TTG		U A
5002	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	2962	COMPOSITE	5/32	4.0 TTG		U A
SAAND Toronto ; Toronto, ON Canada						2963	COMPOSITE	3/16	5.0 TTG		U A
2481	COMP+CAN	1/8	3.0 TTG		U A	2964	COMPOSITE	1/4	6.0 TTG		U A
2482	COMP+CAN	5/32	4.0 TTG		U A	5213	COMPOSITE	5/16	8.0 TTG		U A
3023	COMP+CAN	3/16	5.0 TTG		U A	2965	COMPOSITE	3/8	10.0 TTG		U A
2484	COMP+CAN	1/4	6.0 TTG		U A	2966	COMPOSITE	1/2	12.0 TTG		U A
4356	COMP+CAN	5/16	8.0 TTG		U A	4326	COMPOSITE	5/8	16.0 TTG		U A
4357	COMP+CAN	3/8	10.0 TTG		U A	4327	COMPOSITE	3/4	19.0 TTG		U A
4358	COMP+CAN	1/2	12.0 TTG		U A	4543	COMPOSITE	1/8	3.0 TPG (m)		U A
SAGE Electrochromics Inc. ; Faribault, MN						2967	COMPOSITE	5/32	4.0 TPG (s)		U A
5655	COMP+CAN	(H)	8-10 LTG (b)(A)	(.060)	U A	3028	COMPOSITE	3/16	5.0 TPG (m)		U A
5660	COMP+CAN	(H)	12 LTG (b)(A)	(.030)	U A	4206	COMPOSITE	3/8	10.0 TPG (s)		U A
5016	COMP+CAN	(H)	8-12 LSP (ip)(A)	(.035)	U A	Simonton Windows ; Ellenboro, WV					
Saint-Gobain SOVIS ; Thierry, France						2887	COMPOSITE	1/8	3.0 TTG		U A
2769	COMPOSITE	1/8	3.0 TTG		U A	2888	COMPOSITE	3/16	5.0 TTG		U A
1992	COMPOSITE	5/32	4.0 TBG		L A 47x34	5296	COMPOSITE	1/8	3.0 TPG (s)		U A
Sanshiba ; Takaoka, Toyama						Simonton Windows ; Paris, IL					
5512	ANSI ONLY	(H)	23+ LTG (ip)(A)	(.060)x2	U A	4979	COMPOSITE	1/8	3.0 TTG		U A
SCHOTT Gemtron - Sweetwater ; Sweetwater, TN						4978	COMPOSITE	3/16	5.0 TTG		U A
1334	COMP+CAN	1/8	3.0 TTG		U A	5295	COMPOSITE	1/8	3.0 TPG (s)		U A
1332	COMP+CAN	5/32	4.0 TTG		U A	Sky Land Tempering Glass Corp ; Long Island City, NY					
1201	COMP+CAN	3/16	5.0 TTG		U A	5467	COMPOSITE	3/16	5.0 TTG		U A
1477	COMP+CAN	1/4	6.0 TTG		U A	5468	COMPOSITE	1/4	6.0 TTG		U A
1422	COMP+CAN	1/8	3.0 TPG (s)		U A	5469	COMPOSITE	3/8	10.0 TTG		U A
1424	COMP+CAN	5/32	4.0 TPG (s)		U A	5470	COMPOSITE	1/2	12.0 TTG		U A
SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada						Solar Seal Connecticut ; Hamden, CT					
3067	COMPOSITE	1/8	3.0 TTG		U A	4523	COMPOSITE	1/4	6.0 TTG		U A
3659	COMPOSITE	5/32	4.0 TTG		U A						
3636	COMPOSITE	3/16	5.0 TTG		U A						
3637	COMPOSITE	1/4	6.0 TTG		U A						

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Solar Seal Massachusetts ; South Easton, MA							Tai Sheng (Dong Guan) Glass Co.,Ltd ; Dongguan, Guangdong, China						
3001	COMPOSITE	1/8		3.0 TTG		U A	4870	COMP+CAN	5/32		4.0 TTG		U A
1871	COMPOSITE	3/16		5.0 TTG		U A	5487	COMP+CAN	3/16		5.0 TTG		U A
1035	COMPOSITE	1/4		6.0 TTG		U A	4872	COMP+CAN	1/4		6.0 TTG		U A
1036	COMPOSITE	3/8		10.0 TTG		U A	4873	COMP+CAN	5/16		8.0 TTG		U A
1037	COMPOSITE	1/2		12.0 TTG		U A	5486	COMP+CAN	3/8		10.0 TTG		U A
5527	COMPOSITE	3/4		19.0 TTG		U A	5604	COMP+CAN	1/2		12.0 TTG		U A
1939	COMPOSITE	3/16		5.0 TPG (s)		U A	5067	COMP+CAN	5/32		4.0 TPG (m)		U A
Solar Seal Virginia ; Stafford, VA							5488	COMP+CAN	3/16		5.0 TPG (m)		U A
5721	COMPOSITE	1/8		3.0 TTG		U A	5068	COMP+CAN	1/4		6.0 TPG (m)		U A
5722	COMPOSITE	5/32		4.0 TTG		U A	Taiwan Glass Industry Corp. ; Taipei, Taiwan, China						
5723	COMPOSITE	3/16		5.0 TTG		U A	3886	COMP+CAN	5/32		4.0 TTG		U A
5724	COMPOSITE	1/4		6.0 TTG		U A	3887	COMP+CAN	3/16		5.0 TTG		U A
5725	COMPOSITE	3/8		10.0 TTG		U A	3888	COMP+CAN	1/4		6.0 TTG		U A
5726	COMPOSITE	1/2		12.0 TTG		U A	3889	COMP+CAN	5/16		8.0 TTG		U A
Sunglas Technics Co., Ltd. ; Foshan City, Guangdong							3890	COMP+CAN	3/8		10.0 TTG		U A
5676	COMP+CAN	1/4		6.0 TTG		U A	3891	COMP+CAN	1/2		12.0 TTG		U A
5677	COMP+CAN	5/16		8.0 TTG		U A	5490	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
5678	COMP+CAN	3/8		10.0 TTG		U A	3893	COMP+CAN	(H)		12 LTG (b)(A)	(.030)	U A
5679	COMP+CAN	1/2		12.0 TTG		U A	Techni-Glass, Inc. ; Surgoinville, TN						
Swift Glass Co., Inc. ; Elmira Heights, NY							2547	COMP+CAN	1/8		3.0 TTG		U A
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 Co., Inc. ; Syracuse, NY							4510	COMP+CAN	5/8		16.0 TTG		U A
2654	COMP+CAN	1/8		3.0 TTG		U A	3061	COMP+CAN	1/8		3.0 TPG (m)		U A
2957	COMP+CAN	3/16		5.0 TTG		U A	5050	COMP+CAN	5/32		4.0 TPG (m)		U A
2656	COMP+CAN	1/4		6.0 TTG		U A	2550	COMP+CAN	3/16		5.0 TPG (m)		U A
2958	COMP+CAN	3/8		10.0 TTG		U A	3060	COMP+CAN	1/4		6.0 TPG (m)		U A
2657	COMP+CAN	1/2		12.0 TTG		U A	Tecnoglass S.A. ; Barranquilla, Colombia						
Tacoma Glass Mfg. Inc. ; Burlington, WA							2133	COMP+CAN	1/8		3.0 TTG		U A
5165	COMPOSITE	1/4		6.0 TTG		U A	2287	COMP+CAN	5/32		4.0 TTG		U A
5166	COMPOSITE	3/8		10.0 TTG		U A	1993	COMP+CAN	3/16		5.0 TTG		U A
5167	COMPOSITE	1/2		12.0 TTG		U A	1994	COMP+CAN	1/4		6.0 TTG		U A
5168	COMPOSITE	3/4		19.0 TTG		U A	2134	COMP+CAN	5/16		8.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Lakewood, WA							1995	COMP+CAN	3/8		10.0 TTG		U A
4730	COMPOSITE	1/4		6.0 TTG		U A	2135	COMP+CAN	1/2		12.0 TTG		U A
4731	COMPOSITE	3/8		10.0 TTG		U A	2365	COMP+CAN	5/8		16.0 TTG		U A
4732	COMPOSITE	1/2		12.0 TTG		U A	2894	COMP+CAN	3/4		19.0 TTG		U A
5112	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	4003	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
4735	COMPOSITE	(H)		8-12 LTG (b)(A)	(.030)	U A	Tempco Glass ; Flushing, NY						
Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong, China							5009	COMPOSITE	1/8		3.0 TTG		U A
3787	COMPOSITE	1/8		3.0 TTG		U A	5010	COMPOSITE	3/16		5.0 TTG		U A
3788	COMPOSITE	5/32		4.0 TTG		U A	5011	COMPOSITE	1/4		6.0 TTG		U A
3789	COMPOSITE	3/16		5.0 TTG		U A	5012	COMPOSITE	3/8		10.0 TTG		U A
							5013	COMPOSITE	1/2		12.0 TTG		U A
							Texas Tempered, a Trulite Glass and Aluminum Solutions Company ; Houston, TX						
							4847	COMPOSITE	1/8		3.0 TTG		U A
							4848	COMPOSITE	3/16		5.0 TTG		U A
							4849	COMPOSITE	1/4		6.0 TTG		U A
							4850	COMPOSITE	3/8		10.0 TTG		U A
							4851	COMPOSITE	1/2		12.0 TTG		U A
							5365	COMPOSITE	3/4		19.0 TTG		U A

Certified Products-Alphabetical By Plant

						MAX SIZE ANSI					
SGCC#	TEST STD	INCHES	(MM)	TYPE	CERTIFIED CLASS	SGCC#	TEST STD	INCHES	(MM)	TYPE	CERTIFIED CLASS

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Troy Systems LLC ; Manassas, VA							Trulite Glass and Aluminum Solutions ; Fort Worth, TX						
4918	COMPOSITE	3/16		5.0 TTG		U A	5396	COMPOSITE	1/8		3.0 TTG		U A
4061	COMPOSITE	1/4		6.0 TTG		U A	5397	COMPOSITE	5/32		4.0 TTG		U A
4062	COMPOSITE	3/8		10.0 TTG		U A	5398	COMPOSITE	3/16		5.0 TTG		U A
4063	COMPOSITE	1/2		12.0 TTG		U A	5399	COMPOSITE	1/4		6.0 TTG		U A
5123	COMPOSITE	3/8		10.0 TPG (s)		U A	5400	COMPOSITE	3/8		10.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Atlanta, GA							5401	COMPOSITE	1/2		12.0 TTG		U A
2959	COMPOSITE	1/8		3.0 TTG		U A	5406	COMPOSITE	3/4		19.0 TTG		U A
862	COMPOSITE	3/16		5.0 TTG		U A	5784	COMPOSITE	1/8		3.0 TPG (m)		U A
863	COMPOSITE	1/4		6.0 TTG		U A	5403	COMPOSITE	5/32		4.0 TPG (s)		U A
865	COMPOSITE	3/8		10.0 TTG		U A	5404	COMPOSITE	3/16		5.0 TPG (m)		U A
866	COMPOSITE	1/2		12.0 TTG		U A	5405	COMPOSITE	3/8		10.0 TPG (m)		U A
4089	COMPOSITE	5/8		16.0 TTG		U A	3603	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
2960	COMPOSITE	3/4		19.0 TTG		U A	5728	COMPOSITE	(H)		8-16+ LTG (ip)(A)	(.035)	U A
4090	COMPOSITE	1/8		3.0 TPG (s)		U A	5783	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A
3554	COMPOSITE	3/16		5.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Grenada, MS						
4555	COMPOSITE	1/4		6.0 TPG (m)		U A	2787	COMPOSITE	1/8		3.0 TTG		U A
4554	COMPOSITE	3/8		10.0 TPG (s)		U A	2788	COMPOSITE	3/16		5.0 TTG		U A
3536	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	2789	COMPOSITE	1/4		6.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Aurora, CO							2840	COMPOSITE	3/8		10.0 TTG		U A
5341	COMPOSITE	1/8		3.0 TTG		U A	4743	COMPOSITE	(S)		5-6 LTG (b)(A)	(.030)	U A
5348	COMPOSITE	5/32		4.0 TTG		U A	4755	COMPOSITE	(H)		8 LTG (b)(A)	(.060)	U A
5343	COMPOSITE	1/4		6.0 TTG		U A	4744	COMPOSITE	(H)		10-16+ LTG (b)(A)	(.030)	U A
5344	COMPOSITE	3/8		10.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Houston, TX						
5345	COMPOSITE	1/2		12.0 TTG		U A	5432	COMPOSITE	1/8		3.0 TTG		U A
5346	COMPOSITE	3/4		19.0 TTG		U A	3925	COMPOSITE	3/16		5.0 TTG		U A
5347	COMPOSITE	1/8		3.0 TPG (s)		U A	5483	COMPOSITE	1/4		6.0 TTG		U A
5349	COMPOSITE	3/16		5.0 TPG (s)		U A	3927	COMP+CAN	3/8		10.0 TTG		U A
5350	COMPOSITE	3/8		10.0 TPG (s)		U A	3928	COMP+CAN	1/2		12.0 TTG		U A
Trulite Glass and Aluminum Solutions ; City of Industry, CA							5477	COMPOSITE	5/8		16.0 TTG		U A
4182	COMPOSITE	1/8		3.0 TTG		U A	5478	COMPOSITE	3/4		19.0 TTG		U A
4183	COMPOSITE	5/32		4.0 TTG		U A	5433	COMPOSITE	1/8		3.0 TPG (s)		U A
4184	COMPOSITE	3/16		5.0 TTG		U A	5686	COMPOSITE	5/32		4.0 TPG		U A
4185	COMPOSITE	1/4		6.0 TTG		U A	3931	COMP+CAN	3/16		5.0 TPG (s)		U A
4186	COMPOSITE	3/8		10.0 TTG		U A	5434	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
4187	COMPOSITE	1/2		12.0 TTG		U A	4667	COMPOSITE	(H)		10-12 LTG (b)(A)	(.030)	U A
4522	COMPOSITE	5/8		16.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Indianapolis, IN						
4371	COMPOSITE	3/4		19.0 TTG		U A	4749	COMPOSITE	1/8		3.0 TTG		U A
4188	COMPOSITE	1/8		3.0 TPG (s)		U A	4752	COMPOSITE	5/32		4.0 TTG		U A
4372	COMPOSITE	5/32		4.0 TPG (s)		U A	4922	COMPOSITE	3/16		5.0 TTG		U A
4373	COMPOSITE	3/16		5.0 TPG (s)		U A	4923	COMPOSITE	1/4		6.0 TTG		U A
4189	COMPOSITE	1/4		6.0 TPG (s)		U A	4754	COMPOSITE	3/8		10.0 TTG		U A
4374	COMPOSITE	3/8		10.0 TPG (s)		U A	4753	COMPOSITE	1/2		12.0 TTG		U A
4233	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	4750	COMPOSITE	3/16		5.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; Columbus, OH							Trulite Glass and Aluminum Solutions ; Knoxville, TN						
4745	COMPOSITE	1/8		3.0 TTG		U A	4209	COMPOSITE	1/8		3.0 TTG		U A
4746	COMPOSITE	3/16		5.0 TTG		U A	4827	COMPOSITE	5/32		4.0 TTG		U A
4747	COMPOSITE	1/4		6.0 TTG		U A	4152	COMPOSITE	3/16		5.0 TTG		U A
4748	COMPOSITE	1/2		12.0 TTG		U A	4153	COMPOSITE	1/4		6.0 TTG		U A
3407	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	4158	COMPOSITE	3/8		10.0 TTG		U A
							4159	COMPOSITE	1/2		12.0 TTG		U A
							4207	COMPOSITE	1/8		3.0 TPG (m)		U A
							4981	COMPOSITE	5/32		4.0 TPG (d)		U A
							4160	COMPOSITE	3/16		5.0 TPG (d)		U A
							4980	COMPOSITE	1/4		6.0 TPG (d)		U A
							5134	COMPOSITE	3/8		10.0 TPG (s)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Trulite Glass and Aluminum Solutions ; Las Vegas, NV							Trulite Glass and Aluminum Solutions ; Pittsburgh, PA						
4210	COMPOSITE	1/8		3.0 TTG		U A	1784	COMPOSITE	1/8		3.0 TTG		U A
4212	COMPOSITE	3/16		5.0 TTG		U A	1785	COMPOSITE	3/16		5.0 TTG		U A
4213	COMPOSITE	1/4		6.0 TTG		U A	1786	COMPOSITE	1/4		6.0 TTG		U A
4214	COMPOSITE	3/8		10.0 TTG		U A	3495	COMPOSITE	5/16		8.0 TTG		U A
4215	COMPOSITE	1/2		12.0 TTG		U A	1787	COMPOSITE	3/8		10.0 TTG		U A
4216	COMPOSITE	3/4		19.0 TTG		U A	1788	COMPOSITE	1/2		12.0 TTG		U A
4217	COMPOSITE	1/8		3.0 TPG (s)		U A	4134	COMPOSITE	5/8		16.0 TTG		U A
4218	COMPOSITE	5/32		4.0 TPG (m)		U A	4135	COMPOSITE	3/4		19.0 TTG		U A
4219	COMPOSITE	3/16		5.0 TPG (m)		U A	4452	COMPOSITE	1/8		3.0 TPG (s)		U A
4220	COMPOSITE	1/4		6.0 TPG (m)		U A	1790	COMPOSITE	3/16		5.0 TPG (s)		U A
4221	COMPOSITE	3/8		10.0 TPG (s)		U A	4453	COMPOSITE	3/8		10.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; New Berlin, WI							Trulite Glass and Aluminum Solutions ; San Antonio, TX						
5316	COMPOSITE	1/8		3.0 TTG		U A	3645	COMPOSITE	1/8		3.0 TTG		U A
5317	COMPOSITE	5/32		4.0 TTG		U A	3646	COMPOSITE	5/32		4.0 TTG		U A
5318	COMPOSITE	3/16		5.0 TTG		U A	3839	COMPOSITE	3/16		5.0 TTG		U A
5319	COMPOSITE	1/4		6.0 TTG		U A	3326	COMPOSITE	1/4		6.0 TTG		U A
5320	COMPOSITE	5/16		8.0 TTG		U A	3327	COMPOSITE	3/8		10.0 TTG		U A
5321	COMPOSITE	3/8		10.0 TTG		U A	4277	COMPOSITE	1/2		12.0 TTG		U A
5322	COMPOSITE	1/2		12.0 TTG		U A	3818	COMPOSITE	1/8		3.0 TPG (s)		U A
5325	COMPOSITE	3/16		5.0 TPG (s)		U A	3647	COMPOSITE	5/32		4.0 TPG (m)		U A
5327	COMPOSITE	3/8		10.0 TPG (m)		U A	4342	COMPOSITE	3/16		5.0 TPG (m)		U A
3430	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	Trulite Glass and Aluminum Solutions ; Tulsa, OK						
Trulite Glass and Aluminum Solutions ; Orlando, FL							5687	COMPOSITE	1/8		3.0 TTG		U A
5183	COMPOSITE	1/8		3.0 TTG		U A	5443	COMPOSITE	5/32		4.0 TTG		U A
5185	COMPOSITE	3/16		5.0 TTG		U A	5444	COMPOSITE	3/16		5.0 TTG		U A
5184	COMPOSITE	1/4		6.0 TTG		U A	5445	COMPOSITE	1/4		6.0 TTG		U A
5186	COMPOSITE	3/8		10.0 TTG		U A	5446	COMPOSITE	3/8		10.0 TTG		U A
5187	COMPOSITE	1/2		12.0 TTG		U A	5447	COMPOSITE	1/2		12.0 TTG		U A
5680	COMPOSITE	5/8		16.0 TTG		U A	5688	COMPOSITE	1/8		3.0 TPG (s)		U A
5188	COMPOSITE	3/4		19.0 TTG		U A	5448	COMPOSITE	5/32		4.0 TPG (d)		U A
5189	COMPOSITE	1/8		3.0 TPG (s)		U A	5449	COMPOSITE	3/16		5.0 TPG (m)		U A
5190	COMPOSITE	3/16		5.0 TPG (m)		U A	5450	COMPOSITE	1/4		6.0 TPG (m)		U A
5191	COMPOSITE	1/4		6.0 TPG (m)		U A	5451	COMPOSITE	3/8		10.0 TPG (s)		U A
5192	COMPOSITE	3/8		10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Vaughan, ON						
3461	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	5507	COMP+CAN	5/32		4.0 TTG		U A
5484	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A	5508	COMP+CAN	3/16		5.0 TTG		U A
5485	COMPOSITE	(H)		10-12 LTG (ip)(A)	(.035)	U A	5509	COMP+CAN	1/4		6.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Phoenix, AZ							5510	COMP+CAN	5/16		8.0 TTG		U A
5700	COMPOSITE	1/8		3.0 TTG		U A	5511	COMP+CAN	3/8		10.0 TTG		U A
5701	COMPOSITE	5/32		4.0 TTG		U A	5631	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
5702	COMPOSITE	3/16		5.0 TTG		U A	5632	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
5746	COMPOSITE	1/4		6.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Youngsville, NC						
5703	COMPOSITE	3/8		10.0 TTG		U A	5272	COMPOSITE	1/8		3.0 TTG		U A
5704	COMPOSITE	1/2		12.0 TTG		U A	5517	COMPOSITE	5/32		4.0 TTG		U A
5705	COMPOSITE	1/8		3.0 TPG		U A	5273	COMPOSITE	3/16		5.0 TTG		U A
5706	COMPOSITE	3/16		5.0 TPG		U A	5274	COMPOSITE	1/4		6.0 TTG		U A
5707	COMPOSITE	1/4		6.0 TPG		U A	5518	COMPOSITE	5/16		8.0 TTG		U A
5747	COMPOSITE	3/8		10.0 TPG		U A	5275	COMPOSITE	3/8		10.0 TTG		U A
							5276	COMPOSITE	1/2		12.0 TTG		U A
							5277	COMPOSITE	3/4		19.0 TTG		U A
							5279	COMPOSITE	3/16		5.0 TPG S		U A
							4437	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
							5516	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A

Certified Products-Alphabetical By Plant

SGCC#		TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#		TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Trulite Glass and Aluminum Solutions - West ; Salt Lake City, UT								Vidrios Marte SAPI DE CV ; Azcapotzalco, Distrito Federal Mexico, Mexico							
5337	COMPOSITE	3/16		5.0	TTG		U A	4041	COMPOSITE	1/8		3.0	TTG		U A
5338	COMPOSITE	1/4		6.0	TTG		U A	4042	COMPOSITE	1/4		6.0	TTG		U A
5339	COMPOSITE	3/8		10.0	TTG		U A	View Inc. ; Olive Branch, MS							
5340	COMPOSITE	1/2		12.0	TTG		U A	4725	COMPOSITE	1/8		3.0	TTG		U A
TVITEC ; Cubillo del Sil, Spain								4726	COMPOSITE	5/32		4.0	TTG		U A
5519	COMPOSITE	(H)		12	LTG (ip)(A)	(.070)	U A	4727	COMPOSITE	3/16		5.0	TTG		U A
Tweddell's Inc. ; Santa Ana, CA								4728	COMPOSITE	1/4		6.0	TTG		U A
5384	COMP+CAN	1/8		3.0	TTG		U A	Viracon Inc. ; Owatonna, MN							
4993	COMP+CAN	3/16		5.0	TTG		U A	4354	COMP+CAN	5/32		4.0	TTG		U A
5385	COMP+CAN	1/4		6.0	TTG		U A	1403	COMP+CAN	3/16		5.0	TTG		U A
5386	COMP+CAN	3/8		10.0	TTG		U A	1404	COMP+CAN	1/4		6.0	TTG		U A
United Plate Glass Co., Inc. ; Butler, PA								3689	COMP+CAN	5/16		8.0	TTG		U A
2467	COMPOSITE	1/8		3.0	TTG		U A	1508	COMP+CAN	3/8		10.0	TTG		U A
2468	COMPOSITE	3/16		5.0	TTG		U A	1509	COMP+CAN	1/2		12.0	TTG		U A
2469	COMPOSITE	1/4		6.0	TTG		U A	1637	COMP+CAN	(S)		6	LTG (b)(A)	(.030)	U A
2470	COMPOSITE	3/8		10.0	TTG		U A	4249	COMP+CAN	(H)		8-16+	LTG (b)(A)	(.030)	U A
2471	COMPOSITE	1/2		12.0	TTG		U A	4250	COMP+CAN	(H)		12-16+	LTG (ip)(A)	(.060)	U A
United Plate Glass Company of Charlotte ; Lincolnton, NC								Viracon Inc. ; St. George,UT							
3948	COMP+CAN	1/8		3.0	TTG		U A	5582	COMPOSITE	3/16		5.0	TTG		U A
4197	COMPOSITE	5/32		4.0	TTG		U A	5555	COMPOSITE	1/4		6.0	TTG		U A
3949	COMP+CAN	3/16		5.0	TTG		U A	5556	COMPOSITE	5/16		8.0	TTG		U A
3950	COMP+CAN	1/4		6.0	TTG		U A	5557	COMPOSITE	3/8		10.0	TTG		U A
3951	COMP+CAN	3/8		10.0	TTG		U A	Viracon Inc. ; Statesboro, GA							
3952	COMP+CAN	1/2		12.0	TTG		U A	2314	COMP+CAN	3/16		5.0	TTG		U A
3954	COMP+CAN	1/8		3.0	TPG (d)		U A	2310	COMP+CAN	1/4		6.0	TTG		U A
4636	COMPOSITE	5/32		4.0	TPG (d)		U A	4720	COMP+CAN	5/16		8.0	TTG		U A
3955	COMP+CAN	3/16		5.0	TPG (d)		U A	2311	COMP+CAN	3/8		10.0	TTG		U A
Unitex Glass Chengdu Co., Ltd ; Chendu, Sichuan, China								5017	COMP+CAN	(S)		6	LTG (b)(A)	(.030)	U A
5462	ANSI ONLY	1/8		3.0	TTG		U A	4779	COMP+CAN	(H)		8-16+	LTG (b)(A)	(.030)	U A
5463	ANSI ONLY	5/32		4.0	TTG		U A	4784	COMP+CAN	(H)		12	LTG (ip)(A)	(.090)	U A
5407	ANSI ONLY	3/16		5.0	TTG		U A	Virginia Glass Products Corp. ; Martinsville, VA							
5408	ANSI ONLY	1/4		6.0	TTG		U A	12	COMPOSITE	3/16		5.0	TTG		U A
5414	ANSI ONLY	3/8		10.0	TTG		U A	14	COMPOSITE	1/4		6.0	TTG		U A
Upstate Glass Tempering Inc. ; Middletown, NY								93	COMPOSITE	3/8		10.0	TTG		U A
4926	COMPOSITE	1/8		3.0	TTG		U A	94	COMPOSITE	1/2		12.0	TTG		U A
5157	COMPOSITE	1/4		6.0	TTG		U A	2182	COMPOSITE	5/8		16.0	TTG		U A
4927	COMPOSITE	3/8		10.0	TTG		U A	95	COMPOSITE	3/4		19.0	TTG		U A
5158	COMPOSITE	1/2		12.0	TTG		U A	5383	COMPOSITE	(H)		12	LTG (ev)(6)(A)	(.030)	U A
Vetreria F. Illi Paci ; Seregno MB Italy								5194	COMPOSITE	(H)		12	LTG (ip)(A)	(.035)	U A
5520	COMPOSITE	(H)		10	LTG (b)	(.030)	U A	Vitemex ; Reynosa, Tamaulipas Mexico							
Vetreria Valentini S.R.L. ; Brescia, Italy								5393	COMPOSITE	1/4		6.0	TTG		U A
2423	COMPOSITE	5/32		4.0	TTG		U A	5394	COMPOSITE	3/8		10.0	TTG		U A
4246	COMPOSITE	5/32		4.0	TBG		U A	5395	COMPOSITE	1/2		12.0	TTG		U A
2898	COMPOSITE	1/4		6.0	TBG		U A	Vitra Vidrios Transformados SA de CV ; Cortes, Honduras							
Vidrio Bisel S.A. de C.V. ; Santa Catarina, Nuevo Leon, Mexico								5037	COMPOSITE	5/32		4.0	TTG		U A
4966	COMPOSITE	1/4		6.0	TTG		U A	4651	COMPOSITE	3/16		5.0	TTG		U A
4967	COMPOSITE	3/8		10.0	TTG		U A	4652	COMPOSITE	1/4		6.0	TTG		U A
4969	COMPOSITE	(S)		6	LTG (b)(A)	(.015)(C1)	U B	4653	COMPOSITE	5/16		8.0	TTG		U A
4968	COMPOSITE	(S)		6	LTG (b)(A)	(.030)	U A	4654	COMPOSITE	3/8		10.0	TTG		U A
5056	COMPOSITE	(H)		10	LTG (b)(A)	(.030)	U A	4655	COMPOSITE	1/2		12.0	TTG		U A

January 1, 2016

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Viwinco, Inc. ; Morgantown, PA							Wujiang Golden Glass Technologies, Ltd. ; Wujiang City,						
3074	COMPOSITE	1/8		3.0 TTG		U A	5251	COMPOSITE	1/4		6.0 TTG		U A
3405	COMPOSITE	3/16		5.0 TTG		U A	5252	COMPOSITE	5/16		8.0 TTG		U A
3406	COMPOSITE	(S)		6 LTG (b)(A)	(.090)	U A	5253	COMPOSITE	3/8		10.0 TTG		U A
3408	COMPOSITE	(H)		8 LTG (b)(A)	(.090)	U A	5254	COMPOSITE	1/2		12.0 TTG		U A
W. A. Wilson Inc. ; Wheeling, WV							5255	COMPOSITE	5/8		15.0 TTG		U A
4169	COMPOSITE	1/8		3.0 TTG		U A	5256	COMPOSITE	3/4		19.0 TTG		U A
4170	COMPOSITE	3/16		5.0 TTG		U A	5257	COMPOSITE	(H)		8 LTG (b)(A)	(.030)	U A
4171	COMPOSITE	1/4		6.0 TTG		U A	5258	COMPOSITE	(H)		10 LTG (ip)(A)	(.035)	U A
4172	COMPOSITE	3/8		10.0 TTG		U A	Xinyi Glass (Tianjin) Co. Ltd. ; Tianjin, China						
4173	COMPOSITE	1/2		12.0 TTG		U A	5532	COMP+CAN	3/16		5.0 TTG		U A
5173	COMPOSITE	1/8		3.0 TPG (d)		U A	5533	COMP+CAN	1/4		6.0 TTG		U A
4175	COMPOSITE	3/16		5.0 TPG (d)		U A	5534	COMP+CAN	5/16		8.0 TTG		U A
4176	COMPOSITE	3/8		10.0 TPG (s)		U A	5535	COMP+CAN	3/8		10.0 TTG		U A
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates							5536	COMP+CAN	1/2		12.0 TTG		U A
4598	COMPOSITE	1/4		6.0 TTG		U A	5537	COMP+CAN	5/8		15.0 TTG		U A
4597	COMPOSITE	5/16		8.0 TTG		U A	5538	COMP+CAN	(S)		6 LTG (b)	(.030)	U A
Wholesale Glass Dist. ; Memphis, TN							5539	COMP+CAN	(H)		8-16+ LTG (b)	(.030)	U A
4379	COMPOSITE	3/16		5.0 TTG		U A	Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong, China						
4380	COMPOSITE	1/4		6.0 TTG		U A	3085	COMP+CAN	3/16		5.0 TTG		U A
4381	COMPOSITE	3/8		10.0 TTG		U A	3053	COMP+CAN	1/4		6.0 TTG		U A
4382	COMPOSITE	1/2		12.0 TTG		U A	4648	COMP+CAN	5/16		8.0 TTG		U A
Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI							3054	COMP+CAN	3/8		10.0 TTG		U A
5585	COMPOSITE	1/8		3.0 TTG		U A	3055	COMP+CAN	1/2		12.0 TTG		U A
5587	COMPOSITE	3/16		5.0 TTG		U A	4179	COMP+CAN	*		15.0 TTG (3)		U A
5588	COMPOSITE	1/4		6.0 TTG		U A	3056	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
5589	COMPOSITE	3/8		10.0 TTG		U A	3489	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.030)	U A
5590	COMPOSITE	1/2		12.0 TTG		U A	Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong, China						
5592	COMPOSITE	1/8		3.0 TPG (s)		U A	3736	COMP+CAN	5/32		4.0 TTG		U A
5593	COMPOSITE	5/32		4.0 TPG (m)		U A	3737	COMP+CAN	3/16		5.0 TTG		U A
5594	COMPOSITE	3/16		5.0 TPG (s)		U A	3738	COMP+CAN	1/4		6.0 TTG		U A
5595	COMPOSITE	1/4		6.0 TPG (m)		U A	3739	COMP+CAN	5/16		8.0 TTG		U A
5596	COMPOSITE	3/8		10.0 TPG (m)		U A	3740	COMP+CAN	3/8		10.0 TTG		U A
5597	COMPOSITE	1/2		12.0 TPG (m)		U A	3741	COMP+CAN	1/2		12.0 TTG		U A
Wolverine Glass Products, Inc. ; Grand Rapids, MI							3742	COMP+CAN	3/16		5.0 TBG		U A
5425	COMP+CAN	1/8		3.0 TTG		U A	3743	COMP+CAN	1/4		6.0 TBG		U A
5426	COMP+CAN	5/32		4.0 TTG		U A	Yong Feng Tai Foshan City Glas Co., LTD. ; Foshan, Guangdong, China						
5427	COMP+CAN	3/16		5.0 TTG		U A	4875	ANSI ONLY	3/16		5.0 TTG		U A
5428	COMP+CAN	1/4		6.0 TTG		U A	4876	ANSI ONLY	1/4		6.0 TTG		U A
5429	COMP+CAN	5/16		8.0 TTG		U A	4877	ANSI ONLY	5/16		8.0 TTG		U A
5430	COMP+CAN	3/8		10.0 TTG		U A	5291	ANSI ONLY	3/8		10.0 TTG		U A
5431	COMP+CAN	1/2		12.0 TTG		U A	5514	ANSI ONLY	1/4		6.0 TBG		U A
WSD Glass, Inc. ; Winston-Salem, NC							5515	ANSI ONLY	5/16		8.0 TBG		U A
4048	COMPOSITE	3/16		5.0 TTG		U A	Zhangjiagang City Daming Glass Product Co., Ltd ; Zhangjiagang City, Jiangsu						
4049	COMPOSITE	1/4		6.0 TTG		U A	5464	COMP+CAN	5/16		8.0 TTG		U A
4052	COMPOSITE	3/8		10.0 TTG		U A	5465	COMP+CAN	3/8		10.0 TTG		U A
4050	COMPOSITE	1/2		12.0 TTG		U A	5466	COMP+CAN	1/2		12.0 TTG		U A
4051	COMPOSITE	3/16		5.0 TPG (s)		U A	Zhangjiagang City Zaofa Safety Glass Co., Ltd. ; Zhangjiagang City, Jiangsu, China						
Wuhan Aozheng Science and Technology Co., Ltd. ; Wuhan, Hubei, China							5665	COMP+CAN	5/32		4.0 TTG		U A
5238	COMPOSITE	3/16		5.0 TTG		U A	5666	COMP+CAN	3/16		5.0 TTG		U A
5239	COMPOSITE	1/4		6.0 TTG		U A	5667	COMP+CAN	1/4		6.0 TTG		U A
5240	COMPOSITE	5/16		8.0 TTG		U A							
5241	COMPOSITE	3/8		10.0 TTG		U A							

January 1, 2016

Certified Products-Alphabetical By Plant

<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES</i>	<i>(MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i>	<i>ANSI</i>	<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES</i>	<i>(MM)</i>	<i>TYPE</i>	<i>MAX SIZE</i>	<i>ANSI</i>
		<i>(THICKNESS</i>			<i>CERTIFIED</i>	<i>CLASS</i>			<i>(THICKNESS</i>			<i>CERTIFIED</i>	<i>CLASS</i>
		<i>CLASS)</i>							<i>CLASS)</i>				
Zhangjiagang Weiyu Fabricated Glass Co. Ltd. ;													
Zhangjiagang, Jiangsu, China													
5737	COMPOSITE	1/8		3.0 TTG		U A							
5738	COMPOSITE	5/32		4.0 TTG		U A							
5739	COMPOSITE	3/16		5.0 TTG		U A							
5740	COMPOSITE	1/4		6.0 TTG		U A							
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd ;													
Hangzhou, Zhejiang, China													
5077	COMPOSITE	3/16		5.0 TTG		U A							
5078	COMPOSITE	1/4		6.0 TTG		U A							
5079	COMPOSITE	5/16		8.0 TTG		U A							
5080	COMPOSITE	3/8		10.0 TTG		U A							
5081	COMPOSITE	1/2		12.0 TTG		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>(THICKNESS CLASS)</i>		<i>CERTIFIED</i>	<i>CLASS</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>

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
LPG	LAMINATED PATTERNED GLASS
LSP	LAMINATED SPECIALTY PRODUCTS
OCG	ORGANIC COATED GLASS
OCH	ORGANIC COATED GLASS HYBRID
SPS	SAFETY PLASTIC SHEET

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)
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Glass Standard Attribute Code

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

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
(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

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<u>Tempered Transparent Glass</u>						
<i>1/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1702	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	598	COMP+CAN		285 U	A
AGC Glass Co. North America Building Products Fabrication	Boardman, OH	5471	COMP+CAN		800 U	A
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	2507	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4328	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4715	COMPOSITE		285 U	A
American Insulated Glass Inc.	Conley, GA	5283	COMPOSITE		165 U	A
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE		750 U	A
Anthony International	Madison, GA	3249	COMPOSITE		165 U	A
Anthony International	San Fernando, CA	520	ANSI ONLY		250 U	A
Architectural Glass Products, LLC	St. Louis, MO	4571	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	5127	COMPOSITE		175 U	A
ATI Windows	Riverside, CA	5635	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	4139	COMPOSITE		200 U	A
Best Deal Millworks	Baton Rouge, LA	5681	COMPOSITE		175 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4517	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	4832	COMPOSITE		500 U	A
Cardinal CG	Loveland, CO	3579	COMPOSITE		500 U	A
Cardinal CG	Northfield, MN	1985	COMP+CAN		150 U	A
Cardinal CG	Moreno Valley, CA	2293	COMP+CAN		250 U	A
Cardinal CG	Buford, GA	1921	COMP+CAN		165 U	A
Cardinal CG	Spring Green, WI	2067	COMP+CAN		600 U	A
Cardinal CG	Casa Grande, AZ	2878	COMP+CAN		250 U	A
Cardinal CG	Galt, CA	2357	COMPOSITE		125 U	A
Cardinal CG	Mazomanie, WI	4780	COMP+CAN		150 U	A
Cardinal CG	Waxahachie, TX	2699	COMP+CAN		175 U	A
Cardinal CG	Tumwater, WA	2007	COMP+CAN		195 U	A
Cardinal CT	Easton, PA	4756	COMP+CAN		100 U	A
Cardinal CT	Los Angeles, CA	5085	COMP+CAN		250 U	A
Cardinal CT	Adel, GA	5095	COMPOSITE		165 U	A
Cardinal CT	Utica, OH	4620	COMP+CAN		100 U	A
Cardinal CT	Mount Airy, NC	4578	COMP+CAN		165 U	A
Cardinal CT - S	Irving TX	5101	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5245	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2909	COMP+CAN		175 U	A
Cardinal IG	Mountain Top, PA	3068	COMP+CAN		100 U	A
Cardinal IG	Vinton, VA	2919	COMP+CAN		100 U	A
Cardinal IG	Waxahachie, TX	2328	COMP+CAN		175 U	A
Cardinal IG	Fargo, ND	2235	COMP+CAN		150 U	A
Cardinal IG	Fremont, IN	2176	COMP+CAN		150 U	A
Cardinal IG	Tomah, WI	2317	COMP+CAN		600 U	A
Cardinal IG	Hood River, OR	2831	COMP+CAN		195 U	A
Cardinal IG	Greenfield, IA	1827	COMP+CAN		500 U	A
Cardinal IG	Spring Green, WI	1831	COMP+CAN		500 U	A
Cardinal LG	Ocala, FL	3505	COMPOSITE		285 U	A
Cardinal TG	Tomah, WI	1804	COMP+CAN		600 U	A
Cardinal TG	Chehalis, WA	3455	COMP+CAN		750 U	A
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2904	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5351	COMPOSITE	185 U	A	
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	4657	COMP+CAN	195 U	A	
Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	2432	COMP+CAN	750 U	A	
Changshu Zhouxing Glass Co. Ltd.	Changshu, Jiangsu Province, China	4936	COMPOSITE	125 U	A	
ClearEdge Glass	Baton Rouge, LA	5308	COMPOSITE	175 U	A	
Cleer Vision Tempered Glass	Elkhart, IN	4546	COMPOSITE	200 U	A	
Columbia Commercial Bldg Prod.	Rockwall, TX	5614	COMP+CAN	175 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285 30x76	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3806	COMPOSITE	165 U	A	
Consolidated Glass Corp.	New Castle, PA	1998	COMP+CAN	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1680	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4970	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3464	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	3420	COMPOSITE	165 U	A	
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5260	COMPOSITE	285 U	A	
Dallas Flat Glass	Carrollton, TX	4790	COMPOSITE	175 U	A	
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4055	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	4838	COMPOSITE	175 U	A	
EFCO Corporation	Monett, MO	4121	COMPOSITE	175 U	A	
Engineered Glass Products, L.L.C.	Chicago, IL	4388	COMPOSITE	200 30x60	A	
Flat Glass Distributors	Jacksonville, FL	3822	COMPOSITE	285 U	A	
General Glass	Portland, OR	4031	COMPOSITE	195 U	A	
Glass and Mirror Craft	Wixom, MI	4198	COMP+CAN	150 U	A	
Glass Dynamics, Inc.	Stoneville, NC	2728	COMPOSITE	285 U	A	
GlassFab Tempering Services, Inc.	Tracy, CA	5584	COMPOSITE	125 U	A	
Glasswerks LA, Inc. East	South Gate, CA	4804	COMPOSITE	250 U	A	
Glaz-Tech Industries	Englewood, CO	2185	COMPOSITE	250 U	A	
Glenny Glass Co.	Milford, OH	3841	COMPOSITE	200 U	A	
Global Security Glazing	Selma, AL	4764	COMP+CAN	285 U	A	
Grand Glass Windows and Doors Inc.	Mobile, AL	4907	COMPOSITE	165 U	A	
Guardian Fabrication Inc.	Webster, MA	300	COMPOSITE	100 U	A	
Guardian Industries Corp.	Galax, VA	4604	COMP+CAN	285 U	A	
Guardian Industries Corp.	Richburg, SC	1630	COMPOSITE	285 U	A	
Guardian Industries Corp.	Kingsburg, CA	968	COMPOSITE	125 U	A	
Guardian Industries Corp.	DeWitt, IA	2020	COMPOSITE	500 U	A	
Guardian Industries Corp.	Corsicana, TX	1248	COMPOSITE	175 U	A	
Guardian Industries Corp.	Geneva, NY	2259	COMPOSITE	400 U	A	
Guardian Industries Corp.	Carleton, MI	933	COMPOSITE	200 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3859	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	4473	COMPOSITE	150 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2572	COMP+CAN	200 U	A	
Intigral	Walton Hills, OH	2050	COMP+CAN	200 U	A	
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5489	COMPOSITE	250 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3957	COMP+CAN	125 U	A	
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2488	COMPOSITE	100 U	A	
Kohler Company	Union City, TN	1979	COMPOSITE	165 U	A	
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5761	COMPOSITE	285 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Maryland Glass & Mirror	Baltimore, MD	4318	COMPOSITE		100 U	A
Multiver	Vanier, QC	2498	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4593	COMPOSITE		100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	1608	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1546	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3180	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3104	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3167	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2210	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3137	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3219	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3329	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3128	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3310	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3156	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3276	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3144	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	1996	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3095	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3116	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3263	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3233	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3286	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3496	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3439	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3250	COMP+CAN	(IN)	175 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3191	COMP+CAN		125 U	A
Paragon Tempered Glass	Antwerp, OH	2684	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	2056	COMPOSITE		200 U	A
Perficom S.A. DE C.V.	San Juan Del Rio, Querétaro, Mexico	4512	COMPOSITE		175 U	A
PFG Glass	Langley, BC	3538	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2389	COMPOSITE		285 U	A
PPG Inds. Inc.	Barrie, ON	5207	COMP+CAN		800 U	A
PPG Inds. Inc.	Carlisle, PA	250	COMP+CAN		400 U	A
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2034	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4911	COMP+CAN		800 U	A
Produits Verrier International Inc.	Montreal, Quebec	5498	COMP+CAN		100 U	A
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5613	COMPOSITE		125 U	A
Qinhuangdao Detai Tempered Glass Co., Ltd.	Qinhuangdao, Hebei, China	4156	COMPOSITE		100 U	A
Qinhuangdao Jingxin Glass Co., Ltd.	Qinhuangdao City, Hebei Province	5280	COMPOSITE		400 U	A
Qinhuangdao Kunping Safety Glass Co. Ltd.	Qinhuangdao, Hebei, China	3730	COMPOSITE		100 U	A
Qinhuangdao Qicaishi	Qinhuangdao, Hebei, China	5141	COMPOSITE		100 U	A
QinHuangDao Tianrui Tempered Technology Glass Co.	Qinhuangdao, Hebei, China	3690	COMPOSITE		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2985	COMP+CAN		150 U	A
Robover Inc.	Quebec City, QC	5199	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3978	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4949	COMP+CAN		400 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
SAAND Rexdale	Rexdale, ON	4995	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2481	COMP+CAN		400 U	A
Saint-Gobain SOVIS	Thierry, France	2769	COMPOSITE		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1334	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3067	COMPOSITE		100 U	A
Shanghai Chunge Glass Co., Ltd.	Shanghai, China	5461	ANSI ONLY		125 U	A
SIGCO, Inc.	Westbrook, ME	2961	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4979	COMPOSITE		150 U	A
Simonton Windows	Ellenboro, WV	2887	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	3001	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5721	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2654	COMP+CAN		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3787	COMPOSITE		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5009	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4847	COMPOSITE		175 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5731	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4290	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4468	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5303	COMP+CAN		100 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	2889	COMPOSITE		250 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4004	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5690	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	2959	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4745	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3645	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2787	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5272	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4210	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1784	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5396	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5183	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5700	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4209	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4182	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5341	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5316	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4749	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5432	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5687	COMPOSITE		175 U	A
Tweddell's Inc.	Santa Ana, CA	5384	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3948	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5462	ANSI ONLY		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	4926	COMPOSITE		400 U	A
Vidrios Marte SAPI DE CV	Azcapotzalco, Distrito Federal Mexico, Mexico	4041	COMPOSITE		175 U	A
View Inc.	Olive Branch, MS	4725	COMPOSITE		175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Viwinco, Inc.	Morgantown, PA	3074	COMPOSITE	100 U	A	
W. A. Wilson Inc.	Wheeling, WV	4169	COMPOSITE	200 U	A	
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5585	COMPOSITE	600 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5425	COMP+CAN	200 U	A	
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5737	COMPOSITE	250 U	A	
<i>5/32 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1703	COMP+CAN	500 U	A	
AGC Flat Glass North America	Greenland, TN	955	COMP+CAN	285 U	A	
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	3421	COMPOSITE	100 U	A	
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4329	COMPOSITE	285 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	450 U	A	
Amsco Windows	Salt Lake City, UT	4643	COMPOSITE	750 U	A	
Anthony International	Madison, GA	3027	COMPOSITE	165 U	A	
Anthony International	San Fernando, CA	2289	ANSI ONLY	250 U	A	
ATI Windows	Riverside, CA	5636	COMPOSITE	250 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5558	COMPOSITE	125 U	A	
Cardinal CG	Mazomanie, WI	4781	COMP+CAN	150 U	A	
Cardinal CG	Waxahachie, TX	2700	COMP+CAN	175 U	A	
Cardinal CG	Casa Grande, AZ	2879	COMP+CAN	250 U	A	
Cardinal CG	Loveland, CO	3580	COMPOSITE	500 U	A	
Cardinal CG	Tumwater, WA	2008	COMP+CAN	195 U	A	
Cardinal CG	Spring Green, WI	2068	COMP+CAN	600 U	A	
Cardinal CG	Buford, GA	1922	COMP+CAN	165 U	A	
Cardinal CG	Moreno Valley, CA	2294	COMP+CAN	250 U	A	
Cardinal CG	Northfield, MN	1986	COMP+CAN	150 U	A	
Cardinal CG	Galt, CA	2358	COMPOSITE	125 U	A	
Cardinal CT	Los Angeles, CA	5086	COMP+CAN	250 U	A	
Cardinal CT	Adel, GA	5096	COMPOSITE	165 U	A	
Cardinal CT	Easton, PA	4757	COMP+CAN	100 U	A	
Cardinal CT	Mount Airy, NC	4579	COMP+CAN	165 U	A	
Cardinal CT	Utica, OH	4621	COMP+CAN	100 U	A	
Cardinal CT - S	Irving TX	5102	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5246	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2910	COMP+CAN	175 U	A	
Cardinal IG	Fargo, ND	2234	COMP+CAN	150 U	A	
Cardinal IG	Mountain Top, PA	3069	COMP+CAN	100 U	A	
Cardinal IG	Hood River, OR	2858	COMP+CAN	195 U	A	
Cardinal IG	Vinton, VA	2920	COMP+CAN	100 U	A	
Cardinal IG	Fremont, IN	2177	COMP+CAN	150 U	A	
Cardinal IG	Spring Green, WI	1832	COMP+CAN	500 U	A	
Cardinal IG	Tomah, WI	2318	COMP+CAN	600 U	A	
Cardinal IG	Greenfield, IA	1828	COMP+CAN	500 U	A	
Cardinal IG	Waxahachie, TX	2329	COMP+CAN	175 U	A	
Cardinal LG	Ocala, FL	3506	COMPOSITE	285 U	A	
Cardinal Tempering	Louisville, KY	3871	COMPOSITE	175 U	A	
Cardinal TG	Chehalis, WA	3456	COMP+CAN	750 U	A	
Cardinal TG	Tomah, WI	1805	COMP+CAN	600 U	A	
Cat-I Manufacturing, Inc.	South Elgin, IL	5755	COMP+CAN	500 U	A	
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2987	COMPOSITE	125 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5352	COMPOSITE		185 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3086	COMPOSITE		200 U	A
Cleer Vision Tempered Glass	Elkhart, IN	4547	COMPOSITE		200 U	A
Consolidated Glass Corp.	New Castle, PA	1999	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4285	COMP+CAN		285 U	A
Contract Glass	Wilmington, MA	4971	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3465	COMP+CAN		250 U	A
Custom Glass Solutions Millbury Corp.	Millbury, OH	1575	COMPOSITE		200 U	A
DDG Glass Manufacturing SDN BHD	Masai, Johor	5621	COMP+CAN		125 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4056	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4499	COMPOSITE		750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3932	COMP+CAN		125 U	A
EFI	Kernersville, NC	5014	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2589	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4425	COMPOSITE		285 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4673	COMP+CAN	(IN)	125 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5216	COMPOSITE		285 U	A
General Glass	Portland, OR	4032	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2928	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5620	COMPOSITE		285 U	A
Glass and Mirror Craft	Wixom, MI	5116	COMP+CAN		150 U	A
Glasswerks LA, Inc. West	South Gate CA	5480	COMPOSITE		250 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2445	COMP+CAN		195 U	A
Guardian Fabrication Inc.	Webster, MA	1607	COMPOSITE		100 U	A
Guardian Industries Corp.	Geneva, NY	2260	COMPOSITE		400 U	A
Guardian Industries Corp.	Corsicana, TX	1249	COMPOSITE		175 U	A
Guardian Industries Corp.	Kingsburg, CA	969	COMPOSITE		125 U	A
Guardian Industries Corp.	DeWitt, IA	2021	COMPOSITE		500 U	A
Guardian Industries Corp.	Galax, VA	4605	COMP+CAN		285 U	A
Guardian Industries Corp.	Richburg, SC	1631	COMPOSITE		285 U	A
Guardian Industries Corp.	Carleton, MI	934	COMPOSITE		200 U	A
Innovative Glass of America, Inc.	Dallas, NC	3860	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	4474	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4682	COMP+CAN		100 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2573	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2051	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4303	COMP+CAN		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5708	COMPOSITE		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5292	COMPOSITE		250 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3958	COMP+CAN		125 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5377	COMPOSITE		125 U	A
Kohler Company	Union City, TN	1980	COMPOSITE		165 U	A
Multiver	Vanier, QC	2629	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2691	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3168	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3145	COMP+CAN		500 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Shawnee, OK	3096	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3181	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3105	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	1609	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3287	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3234	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3440	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3264	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3192	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4247	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3157	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2216	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3129	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3462	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3138	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3220	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3330	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3311	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3251	COMP+CAN	(IN)	175 U	A
Paragon Tempered Glass	Antwerp, OH	2685	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	2057	COMPOSITE		200 U	A
PFG Glass	Langley, BC	3539	COMP+CAN		750 U	A
PG Building Glass Processing	Cape Town, South Africa	4887	COMPOSITE		100 U	A
PPG Inds. Inc.	Carlisle, PA	675	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5204	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2035	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4912	COMP+CAN		800 U	A
Produits Verrier International Inc.	Montreal, Quebec	5499	COMP+CAN		100 U	A
PT Abebersa Pratama	Bekasi, Indonesia	3905	COMPOSITE		125 U	A
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5617	COMPOSITE		125 U	A
Quaker Window Products, Inc.	Freeburg, MO	5297	COMP+CAN		150 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5566	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5200	COMP+CAN		450 U	A
SAAND London	London, ON Canada	4278	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4950	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4996	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2482	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1332	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3659	COMPOSITE		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4067	COMPOSITE		125 U	A
SIGCO, Inc.	Westbrook, ME	2962	COMPOSITE		100 U	A
Solar Seal Virginia	Stafford, VA	5722	COMPOSITE		100 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3788	COMPOSITE		750 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4870	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3886	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMP+CAN		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5732	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4291	COMP+CAN		800 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4021	COMPOSITE		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	4035	COMPOSITE		250 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4005	COMPOSITE		175 U	A
Triview Glass Industries	City of Industry, CA	5039	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5443	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4827	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5517	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5507	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5701	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5348	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5317	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5397	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4183	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4752	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3646	COMPOSITE		175 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4197	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5463	ANSI ONLY		200 U	A
Vetzeria Valentini S.R.L.	Brescia, Italy	2423	COMPOSITE		400 U	A
View Inc.	Olive Branch, MS	4726	COMPOSITE		175 U	A
Viracon Inc.	Owatonna, MN	4354	COMP+CAN		150 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	5037	COMPOSITE		285 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5426	COMP+CAN		200 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3736	COMP+CAN		285 U	A
Zhangjiagang City Zaofa Safety Glass Co., Ltd.	Zhangjiagang City, Jiangsu, China	5665	COMP+CAN		125 U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5738	COMPOSITE		250 U	A
<i>3/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1704	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	220	COMP+CAN		285 U	A
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	2509	COMPOSITE		100 U	A
AGC Glass Co. North America Building Products Fabrication	Boardman, OH	5473	COMP+CAN		800 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4846	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4330	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4716	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE		450 U	A
American Insulated Glass Inc.	Conley, GA	5284	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	4616	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE		750 U	A
Anthony International	Madison, GA	2352	COMPOSITE		165 U	A
Anthony International	San Fernando, CA	999	ANSI ONLY		250 U	A
Architectural Glass Products, LLC	St. Louis, MO	4572	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	3583	COMPOSITE		175 U	A
ATI Windows	Riverside, CA	5637	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	4724	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5559	COMPOSITE		125 U	A
Best Deal Millworks	Baton Rouge, LA	5682	COMPOSITE		175 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4518	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE		500 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/16 Inch Tempered Transparent Glass						
Cardinal CG	Casa Grande, AZ	2880	COMP+CAN	250 U	A	
Cardinal CG	Tumwater, WA	2009	COMP+CAN	195 U	A	
Cardinal CG	Spring Green, WI	2069	COMP+CAN	600 U	A	
Cardinal CG	Waxahachie, TX	2701	COMP+CAN	175 U	A	
Cardinal CG	Northfield, MN	1987	COMP+CAN	150 U	A	
Cardinal CG	Galt, CA	2359	COMPOSITE	125 U	A	
Cardinal CG	Buford, GA	1923	COMP+CAN	165 U	A	
Cardinal CG	Loveland, CO	3581	COMPOSITE	500 U	A	
Cardinal CG	Moreno Valley, CA	2295	COMP+CAN	250 U	A	
Cardinal CG	Mazomanie, WI	5306	COMP+CAN	150 U	A	
Cardinal CT	Utica, OH	4622	COMP+CAN	100 U	A	
Cardinal CT	Mount Airy, NC	4580	COMP+CAN	165 U	A	
Cardinal CT	Easton, PA	4758	COMP+CAN	100 U	A	
Cardinal CT	Adel, GA	5097	COMPOSITE	165 U	A	
Cardinal CT	Los Angeles, CA	5087	COMP+CAN	250 U	A	
Cardinal CT - S	Irving TX	5103	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5247	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2911	COMP+CAN	175 U	A	
Cardinal IG	Fargo, ND	2233	COMP+CAN	150 U	A	
Cardinal IG	Fremont, IN	2178	COMP+CAN	150 U	A	
Cardinal IG	Spring Green, WI	1833	COMP+CAN	500 U	A	
Cardinal IG	Waxahachie, TX	2330	COMP+CAN	175 U	A	
Cardinal IG	Hood River, OR	2833	COMP+CAN	195 U	A	
Cardinal IG	Vinton, VA	2921	COMP+CAN	100 U	A	
Cardinal IG	Tomah, WI	2319	COMP+CAN	600 U	A	
Cardinal IG	Mountain Top, PA	3070	COMP+CAN	100 U	A	
Cardinal IG	Greenfield, IA	1829	COMP+CAN	500 U	A	
Cardinal LG	Amery, WI	5193	COMP+CAN	150 U	A	
Cardinal LG	Ocala, FL	3507	COMPOSITE	285 U	A	
Cardinal Tempering	Louisville, KY	3872	COMPOSITE	175 U	A	
Cardinal TG	Tomah, WI	1806	COMP+CAN	600 U	A	
Cardinal TG	Chehalis, WA	3458	COMP+CAN	750 U	A	
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2988	COMPOSITE	125 U	A	
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5353	COMPOSITE	185 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3087	COMPOSITE	200 U	A	
ClearEdge Glass	Baton Rouge, LA	5310	COMPOSITE	175 U	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3807	COMPOSITE	165 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE	285 30x76	A	
Consolidated Glass Corp.	New Castle, PA	2005	COMP+CAN	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1678	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4972	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3466	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	1910	COMPOSITE	165 U	A	
Custom Glass Solutions Millbury Corp.	Millbury, OH	1576	COMPOSITE	200 U	A	
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5261	COMPOSITE	285 U	A	
Dallas Flat Glass	Carrollton, TX	4763	COMPOSITE	175 U	A	
DDG Glass Manufacturing SDN BHD	Masai, Johor	5622	COMP+CAN	125 U	A	
Denver Glass Interiors, Inc.	Englewood, CO	3865	COMPOSITE	175 U	A	
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4057	COMPOSITE	750 U	A	
Diamond Sea Glaze	Langley, BC Canada	4500	COMPOSITE	750 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Transparent Glass</i>						
Dillmeier Enterprise, Inc.	Van Buren, AR	3912	COMPOSITE		175 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3933	COMP+CAN		125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE		285 U	A
EFCO Corporation	Monett, MO	1901	COMPOSITE		175 U	A
EFI	Kernersville, NC	5208	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2590	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4426	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3823	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5521	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4669	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5388	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5090	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5124	COMP+CAN		750 U	A
General Glass	Portland, OR	4033	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5452	COMPOSITE		285 U	A
Glass and Mirror Craft	Wixom, MI	4199	COMP+CAN		150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2730	COMPOSITE		285 U	A
Glass Enterprises, Inc.	Bensalem, PA	4628	COMPOSITE		100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4889	COMPOSITE		125 U	A
Glasswerks LA, Inc. East	South Gate, CA	4805	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5481	COMPOSITE		250 U	A
Glaz-Tech Industries	Englewood, CO	2186	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3843	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4765	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2446	COMP+CAN		195 U	A
Guardian Fabrication Inc.	Webster, MA	1216	COMPOSITE		100 U	A
Guardian Industries Corp.	Kingsburg, CA	970	COMPOSITE		125 U	A
Guardian Industries Corp.	Richburg, SC	1632	COMPOSITE		285 U	A
Guardian Industries Corp.	DeWitt, IA	2022	COMPOSITE		500 U	A
Guardian Industries Corp.	Geneva, NY	2261	COMPOSITE		400 U	A
Guardian Industries Corp.	Carleton, MI	631	COMPOSITE		200 U	A
Guardian Industries Corp.	Galax, VA	4606	COMP+CAN		285 U	A
Guardian Industries Corp.	Corsicana, TX	1250	COMPOSITE		175 U	A
Industrial Tempering Glass	Brooklyn, NY	5564	COMPOSITE		100 U	A
Innovative Glass of America, Inc.	Dallas, NC	3861	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3714	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4683	COMP+CAN		100 U	A
Interglass Corp	Miami, FL	5032	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2574	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2052	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4304	COMP+CAN		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5293	COMPOSITE		250 U	A
JM Glass	Hayward, CA	4928	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3959	COMP+CAN		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2489	COMPOSITE		100 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5378	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/16 Inch Tempered Transparent Glass						
Kohler Company	Union City, TN	1981	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4319	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4925	COMPOSITE		100 U	A
Multiver	Vanier, QC	4524	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2692	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4594	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5455	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4900	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3221	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3106	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3169	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3130	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1547	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3146	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3182	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3441	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3235	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3288	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	630	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3158	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3312	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3497	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3277	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3097	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3252	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3193	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2211	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3265	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	1997	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3331	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3139	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3118	COMP+CAN		285 U	A
Paragon Tempered Glass	Antwerp, OH	2686	COMPOSITE		500 U	A
PFG Glass	Langley, BC	3540	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2390	COMPOSITE		285 U	A
PPG Inds. Inc.	Carlisle, PA	249	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5205	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4913	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2713	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4639	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5500	COMP+CAN		100 U	A
PT Abebersa Pratama	Bekasi, Indonesia	3906	COMPOSITE		125 U	A
Quaker Window Products, Inc.	Freeburg, MO	2986	COMP+CAN		150 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2981	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3745	COMPOSITE		285 U	A
Robover Inc.	Quebec City, QC	5201	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3979	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4951	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4997	COMP+CAN		400 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Transparent Glass</i>						
SAAND Toronto	Toronto, ON Canada	3023	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1201	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3636	COMPOSITE		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4068	COMPOSITE		125 U	A
SIGCO, Inc.	Westbrook, ME	2963	COMPOSITE		100 U	A
Simonton Windows	Ellenboro, WV	2888	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4978	COMPOSITE		150 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5467	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	1871	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5723	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2957	COMP+CAN		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3789	COMPOSITE		750 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5487	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3887	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5010	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4848	COMPOSITE		175 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5177	COMP+CAN		750 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5733	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4292	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4470	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5304	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4022	COMPOSITE		100 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	2890	COMPOSITE		250 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4075	COMP+CAN		125 U	A
Tri-Star Glass, Inc.	Grand Prairie, TX	5108	COMPOSITE		175 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4006	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5691	COMPOSITE		165 U	A
Triview Glass Industries	City of Industry, CA	5040	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4918	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5398	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3839	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4746	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4152	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5273	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2788	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5508	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5185	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4184	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5702	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	862	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1785	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5318	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5444	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3925	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4212	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4922	COMPOSITE		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/16 Inch Tempered Transparent Glass						
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5337	COMPOSITE		250 U	A
Tweddell's Inc.	Santa Ana, CA	4993	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3949	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5407	ANSI ONLY		200 U	A
View Inc.	Olive Branch, MS	4727	COMPOSITE		175 U	A
Viracon Inc.	Statesboro, GA	2314	COMP+CAN		165 U	A
Viracon Inc.	Owatonna, MN	1403	COMP+CAN		150 U	A
Viracon Inc.	St. George, UT	5582	COMPOSITE		125 U	A
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE		100 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4651	COMPOSITE		285 U	A
Viwinco, Inc.	Morgantown, PA	3405	COMPOSITE		100 U	A
W. A. Wilson Inc.	Wheeling, WV	4170	COMPOSITE		200 U	A
Wholesale Glass Dist.	Memphis, TN	4379	COMPOSITE		150 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5587	COMPOSITE		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5427	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4048	COMPOSITE		165 U	A
Wuhan Aozheng Science and Technology Co., Ltd.	Wuhan, Hubei, China	5238	COMPOSITE		195 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5532	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3085	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3737	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4875	ANSI ONLY		285 U	A
Zhangjiagang City Zaofa Safety Glass Co., Ltd.	Zhangjiagang City, Jiangsu, China	5666	COMP+CAN		125 U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5739	COMPOSITE		250 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5077	COMPOSITE		125 U	A
1/4 Inch Tempered Transparent Glass						
AGC Flat Glass North America	Spring Hill, KS	1705	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	89	COMP+CAN		285 U	A
AGC Glass Co. North America Building Products Fabrication	Boardman, OH	5474	COMP+CAN		800 U	A
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	2666	COMPOSITE		100 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4883	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3556	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4331	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4717	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1756	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5420	COMPOSITE		285 U	A
American Insulated Glass Inc.	Conley, GA	5285	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3039	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2581	COMPOSITE		750 U	A
Anthony International	San Fernando, CA	1000	ANSI ONLY		250 U	A
Anthony International	Madison, GA	2353	COMPOSITE		165 U	A
Architectural Glass Products, LLC	St. Louis, MO	4573	COMPOSITE		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Transparent Glass						
Arlene Stained Glass & Door	Houston, TX	3584	COMPOSITE		175 U	A
ATI Windows	Riverside, CA	5638	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	3810	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5560	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	4837	COMP+CAN		100 U	A
Best Deal Millworks	Baton Rouge, LA	5683	COMPOSITE		175 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4519	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5366	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE		500 U	A
Cardinal CG	Galt, CA	2360	COMPOSITE		125 U	A
Cardinal CG	Northfield, MN	1988	COMP+CAN		150 U	A
Cardinal CG	Buford, GA	1924	COMP+CAN		165 U	A
Cardinal CG	Loveland, CO	3555	COMPOSITE		500 U	A
Cardinal CG	Mazomanie, WI	4783	COMP+CAN		150 U	A
Cardinal CG	Spring Green, WI	2070	COMP+CAN		600 U	A
Cardinal CG	Moreno Valley, CA	2296	COMP+CAN		250 U	A
Cardinal CG	Tumwater, WA	2010	COMP+CAN		195 U	A
Cardinal CG	Casa Grande, AZ	2881	COMP+CAN		250 U	A
Cardinal CG	Waxahachie, TX	2702	COMP+CAN		175 U	A
Cardinal CT	Mount Airy, NC	5266	COMP+CAN		165 U	A
Cardinal CT	Utica, OH	5479	COMP+CAN		100 U	A
Cardinal CT	Adel, GA	5364	COMPOSITE		165 U	A
Cardinal CT - S	Irving TX	5104	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5248	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2912	COMP+CAN		175 U	A
Cardinal IG	Spring Green, WI	1834	COMP+CAN		500 U	A
Cardinal IG	Fargo, ND	2232	COMP+CAN		150 U	A
Cardinal IG	Fremont, IN	2179	COMP+CAN		150 U	A
Cardinal IG	Vinton, VA	2922	COMP+CAN		100 U	A
Cardinal IG	Tomah, WI	2320	COMP+CAN		600 U	A
Cardinal IG	Mountain Top, PA	3071	COMP+CAN		100 U	A
Cardinal IG	Greenfield, IA	1830	COMP+CAN		500 U	A
Cardinal IG	Waxahachie, TX	2331	COMP+CAN		175 U	A
Cardinal IG	Hood River, OR	2834	COMP+CAN		195 U	A
Cardinal LG	Ocala, FL	3508	COMPOSITE		285 U	A
Cardinal LG	Amery, WI	4841	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3873	COMPOSITE		175 U	A
Cardinal TG	Chehalis, WA	3459	COMP+CAN		750 U	A
Cardinal TG	Tomah, WI	1807	COMP+CAN		600 U	A
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5354	COMPOSITE		185 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3088	COMPOSITE		200 U	A
Clarus Glassboards	Fort Worth, TX	5528	COMPOSITE		175 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5159	COMPOSITE		200 U	A
ClearEdge Glass	Baton Rouge, LA	5311	COMPOSITE		175 U	A
Clinton Glass Company	Knoxville, TN	5606	COMPOSITE		165 U	A
Columbia Commercial Bldg Prod.	Rockwall, TX	4921	COMP+CAN		175 U	A
Commercial Insulating Glass Co.	Cumberland City, TN	3808	COMPOSITE		165 U	A
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE		285 30x76	A
Consolidated Glass Corp.	New Castle, PA	2002	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	1677	COMP+CAN		285 U	A
Contract Glass	Wilmington, MA	4973	COMPOSITE		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Transparent Glass</i>						
Contractors Wardrobe	Valencia, CA	3467	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	1911	COMPOSITE		165 U	A
Cristec Vipla SL	Balaguer, Lleida	5695	COMPOSITE		0 U	A
Custom Glass Products Inc.	Weston, WI	4002	COMPOSITE		600 U	A
Custom Glass Solutions Millbury Corp.	Millbury, OH	1577	COMPOSITE		200 U	A
D3 Glass, LLC	Fort Myers, FL	4795	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	3701	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Masai, Johor	5623	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3866	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4146	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4501	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3913	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3017	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3934	COMP+CAN		125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2662	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2850	COMPOSITE		100 U	A
EFCO Corporation	Monett, MO	1902	COMPOSITE		175 U	A
EFI	Kernersville, NC	5026	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2698	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4427	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3824	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5522	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4670	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5389	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5091	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4419	COMP+CAN		750 U	A
General Glass	Portland, OR	4034	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5019	COMPOSITE		285 U	A
Glass and Mirror Craft	Wixom, MI	4200	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3453	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2732	COMPOSITE		285 U	A
Glass Enterprises, Inc.	Bensalem, PA	4629	COMPOSITE		100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4891	COMPOSITE		125 U	A
Glasshape NA L.P.	Auckland, New Zealand	5714	COMPOSITE		195 U	A
Glasswerks LA, Inc. East	South Gate, CA	4806	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5482	COMPOSITE		250 U	A
Glaz-Tech Industries	Englewood, CO	2187	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3844	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4766	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2447	COMP+CAN		195 U	A
Grand Glass Windows and Doors Inc.	Mobile, AL	4909	COMPOSITE		165 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3941	COMP+CAN		125 U	A
Guardian Fabrication Inc.	Webster, MA	662	COMPOSITE		100 U	A
Guardian Industries Corp.	Richburg, SC	1633	COMPOSITE		285 U	A
Guardian Industries Corp.	Carleton, MI	131	COMPOSITE		200 U	A
Guardian Industries Corp.	Galax, VA	4607	COMP+CAN		285 U	A
Guardian Industries Corp.	Kingsburg, CA	971	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Transparent Glass</i>						
Guardian Industries Corp.	Geneva, NY	2262	COMPOSITE		400 U	A
Guardian Industries Corp.	DeWitt, IA	2023	COMPOSITE		500 U	A
Guardian Industries Corp.	Corsicana, TX	1251	COMPOSITE		175 U	A
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4796	COMPOSITE		100 U	A
Industrial Tempering Glass	Brooklyn, NY	5565	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5135	COMP+CAN		800 U	A
Innovative Glass of America, Inc.	Dallas, NC	3862	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3715	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4684	COMP+CAN		100 U	A
Interglass Corp	Miami, FL	5033	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2575	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2055	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4305	COMP+CAN		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5709	COMPOSITE		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5600	COMPOSITE		250 U	A
JM Glass	Hayward, CA	4929	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3960	COMP+CAN		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2490	COMPOSITE		100 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5379	COMPOSITE		125 U	A
Kohler Company	Union City, TN	1982	COMPOSITE		165 U	A
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5410	COMPOSITE		285 U	A
M/M Tempering Inc.	Loganville, GA	4280	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4320	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4813	COMPOSITE		100 U	A
Mega Tempering	Brooklyn, NY	4299	COMPOSITE		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4254	COMPOSITE		100 U	A
Milgard Tempering	Dixon, CA	2842	COMPOSITE		125 U	A
Multiver	Vanier, QC	2499	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2693	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4595	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5456	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4901	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3119	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3140	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2212	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3442	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3253	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3183	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3098	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3236	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3289	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3266	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2543	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3498	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3278	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3107	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3170	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3313	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3159	COMP+CAN		175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Vancouver, WA	3222	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	514	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3147	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3194	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1548	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3131	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3332	COMP+CAN		165 U	A
Paragon Tempered Glass	Antwerp, OH	2687	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	3015	COMPOSITE		200 U	A
PFG Glass	Langley, BC	3541	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2391	COMPOSITE		285 U	A
PPG Inds. Inc.	Carlisle, PA	382	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5206	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1113	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4914	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2015	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4645	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5501	COMP+CAN		100 U	A
Qingdao Apis Glass Industries Co. Ltd.	Qingdao, Shandong China	5529	COMPOSITE		285 U	A
Quaker Window Products, Inc.	Freeburg, MO	3485	COMP+CAN		150 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2982	COMPOSITE		500 U	A
Quest Window Systems	Mississauga, ON	5719	COMP+CAN		450 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3746	COMPOSITE		285 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4675	COMPOSITE		150 U	A
RF Supply, Inc.	Bradenton, FL	4225	COMPOSITE		285 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5568	COMP+CAN		285 U	A
Robover Inc.	Quebec City, QC	5202	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3980	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4952	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4998	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2484	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1477	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3637	COMPOSITE		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4069	COMPOSITE		125 U	A
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, GuangDong	5436	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2964	COMPOSITE		100 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5468	COMPOSITE		100 U	A
Solar Seal Connecticut	Hamden, CT	4523	COMPOSITE		400 U	A
Solar Seal Massachusetts	South Easton, MA	1035	COMPOSITE		800 U	A
Solar Seal Virginia	Stafford, VA	5724	COMPOSITE		100 U	A
Sunglas Technics Co., Ltd.	Foshan City, Guangdong	5676	COMP+CAN		125 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2656	COMP+CAN		400 U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4730	COMPOSITE		195 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5165	COMPOSITE		195 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4872	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3888	COMP+CAN		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2975	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5011	COMPOSITE		400 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Transparent Glass						
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4849	COMPOSITE		175 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5178	COMP+CAN		750 U	A
The Original Frameless Shower Door	Coral Springs, FL	4661	COMPOSITE		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	5734	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4293	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4471	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5305	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4023	COMPOSITE		100 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4076	COMP+CAN		125 U	A
Tri-Star Glass, Inc.	Houston, Texas	5762	COMPOSITE		175 U	A
Tri-Star Glass, Inc.	Grand Prairie, TX	5109	COMPOSITE		175 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4007	COMPOSITE		175 U	A
Triton Glass LLC	Albemarle, NC	5692	COMPOSITE		165 U	A
Triview Glass Industries	City of Industry, CA	5041	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4061	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5399	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1786	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5274	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4923	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4747	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4213	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2789	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5509	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5483	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5184	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5746	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5445	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	863	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5343	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3326	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5319	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4153	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4185	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5338	COMPOSITE		250 U	A
Tweddell's Inc.	Santa Ana, CA	5385	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3950	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5408	ANSI ONLY		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	5157	COMPOSITE		400 U	A
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4966	COMPOSITE		175 U	A
Vidrios Marte SAPI DE CV	Azcapotzalco, Distrito Federal Mexico, Mexico	4042	COMPOSITE		175 U	A
View Inc.	Olive Branch, MS	4728	COMPOSITE		175 U	A
Viracon Inc.	Statesboro, GA	2310	COMP+CAN		165 U	A
Viracon Inc.	St. George,UT	5555	COMPOSITE		125 U	A
Viracon Inc.	Owatonna, MN	1404	COMP+CAN		150 U	A
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5393	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4652	COMPOSITE		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Transparent Glass</i>						
W. A. Wilson Inc.	Wheeling, WV	4171	COMPOSITE	200 U	A	
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4598	COMPOSITE	150 U	A	
Wholesale Glass Dist.	Memphis, TN	4380	COMPOSITE	150 U	A	
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5588	COMPOSITE	600 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5428	COMP+CAN	200 U	A	
WSD Glass, Inc.	Winston-Salem, NC	4049	COMPOSITE	165 U	A	
Wuhan Aozheng Science and Technology Co., Ltd.	Wuhan, Hubei, China	5239	COMPOSITE	195 U	A	
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5251	COMPOSITE	125 U	A	
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5533	COMP+CAN	195 U	A	
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3053	COMP+CAN	125 U	A	
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3738	COMP+CAN	285 U	A	
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4876	ANSI ONLY	285 U	A	
Zhangjiagang City Zaofa Safety Glass Co., Ltd.	Zhangjiagang City, Jiangsu, China	5667	COMP+CAN	125 U	A	
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang, Jiangsu, China	5740	COMPOSITE	250 U	A	
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5078	COMPOSITE	125 U	A	
<i>5/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	4046	COMP+CAN	285 U	A	
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3557	COMPOSITE	100 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	2790	COMPOSITE	450 U	A	
Alumana Industries	Doha, Qatar	5421	COMPOSITE	285 U	A	
Anthony International	Madison, GA	5234	COMPOSITE	165 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5561	COMPOSITE	125 U	A	
Cardinal CG	Northfield, MN	4775	COMP+CAN	150 U	A	
Cardinal CG	Spring Green, WI	5281	COMP+CAN	600 U	A	
Cardinal IG	Greenfield, IA	5435	COMP+CAN	500 U	A	
Cardinal LG	Amery, WI	4842	COMP+CAN	150 U	A	
Cardinal TG	Tomah, WI	4881	COMP+CAN	600 U	A	
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5151	COMP+CAN	195 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5160	COMPOSITE	200 U	A	
Consolidated Glass Corp.	New Castle, PA	3635	COMP+CAN	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	4701	COMP+CAN	285 U	A	
Contractors Wardrobe	Valencia, CA	3468	COMP+CAN	250 U	A	
Cristec Vipla SL	Balaguer, Lleida	5696	COMPOSITE	0 U	A	
DDG Glass Manufacturing SDN BHD	Masai, Johor	5624	COMP+CAN	125 U	A	
Diamond Sea Glaze	Langley, BC Canada	4502	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	4839	COMPOSITE	175 U	A	
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3935	COMP+CAN	125 U	A	
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4132	COMP+CAN	285 U	A	
Downey Glass Industries, LLC	Pompano Beach, FL	5554	COMPOSITE	285 U	A	
Eckelt Glas GmbH	Steyr, Austria	2851	COMPOSITE	100 U	A	
EFCO Corporation	Monett, MO	4154	COMPOSITE	175 U	A	
EFI	Kernersville, NC	5209	COMP+CAN	165 U	A	
Fairis C.A.	Ambato, Tungurahua, Ecuador	4428	COMPOSITE	285 U	A	
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5523	COMPOSITE	125 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4671	COMP+CAN (IN)		125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5390	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5092	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5219	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	4248	COMPOSITE		100 U	A
Glass Dynamics, Inc.	Stoneville, NC	5259	COMPOSITE		285 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3942	COMP+CAN		125 U	A
Guardian Industries Corp.	Geneva, NY	3672	COMPOSITE		400 U	A
Guardian Industries Corp.	Galax, VA	4608	COMP+CAN		285 U	A
Guardian Industries Corp.	Corsicana, TX	1826	COMPOSITE		175 U	A
Guardian Industries Corp.	DeWitt, IA	2024	COMPOSITE		500 U	A
Guardian Industries Corp.	Richburg, SC	2382	COMPOSITE		285 U	A
Inkan Ltd	Brampton, ON	5136	COMP+CAN		800 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	3025	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4306	COMP+CAN		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5710	COMPOSITE		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5294	COMPOSITE		250 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3961	COMP+CAN		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2678	COMPOSITE		100 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5380	COMPOSITE		125 U	A
Kohler Company	Union City, TN	4668	COMPOSITE		165 U	A
Mercer Glass Fab LLC	Trenton, NJ	4530	COMPOSITE		100 U	A
Multiver	Vanier, QC	5226	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	5729	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3267	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	4443	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4180	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3443	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	5387	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3796	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3223	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	4882	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3141	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3290	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4400	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2884	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3171	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4787	COMP+CAN		165 U	A
PPG Glass	Langley, BC	3542	COMP+CAN		750 U	A
PPG Inds., Inc.	Wichita Falls, TX	3577	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2751	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4915	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4788	COMPOSITE		175 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4676	COMPOSITE		150 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5569	COMP+CAN		285 U	A
SAAND Toronto	Toronto, ON Canada	4356	COMP+CAN		400 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4070	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, Guangdong	5437	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	5213	COMPOSITE		100 U	A
Sunglas Technics Co., Ltd.	Foshan City, Guangdong	5677	COMP+CAN		125 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4873	COMP+CAN		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3889	COMP+CAN		750 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMP+CAN		285 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5179	COMP+CAN		750 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4024	COMPOSITE		100 U	A
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5220	COMPOSITE		175 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4077	COMP+CAN		125 U	A
Triview Glass Industries	City of Industry, CA	5042	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5320	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5518	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5510	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	3495	COMPOSITE		100 U	A
Viracon Inc.	Statesboro, GA	4720	COMP+CAN		165 U	A
Viracon Inc.	Owatonna, MN	3689	COMP+CAN		150 U	A
Viracon Inc.	St. George, UT	5556	COMPOSITE		125 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4653	COMPOSITE		285 U	A
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4597	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5429	COMP+CAN		200 U	A
Wuhan Aozheng Science and Technology Co., Ltd.	Wuhan, Hubei, China	5240	COMPOSITE		195 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5252	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5534	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4648	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3739	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4877	ANSI ONLY		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5464	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5079	COMPOSITE		125 U	A
<i>3/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	90	COMP+CAN		285 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4885	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3558	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4335	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4718	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1757	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5422	COMPOSITE		285 U	A
Aluminum Technology Auxiliary Industries	Doha, Qatar	5084	COMPOSITE		125 U	A
American Insulated Glass Inc.	Conley, GA	5286	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3040	COMPOSITE		250 U	A
Anthony International	Madison, GA	2453	COMPOSITE		165 U	A
Basco Engineered Products	Hamilton, OH	3811	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5562	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	2646	COMP+CAN		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Blue Star Glass Inc.	North Brunswick, NJ	4520	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMP+CAN		500 U	A
Cardinal CG	Northfield, MN	4137	COMP+CAN		150 U	A
Cardinal LG	Amery, WI	4843	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3874	COMPOSITE		175 U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5152	COMP+CAN		195 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3089	COMPOSITE		200 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5161	COMPOSITE		200 U	A
ClearEdge Glass	Baton Rouge, LA	5313	COMPOSITE		175 U	A
Clinton Glass Company	Knoxville, TN	5607	COMPOSITE		165 U	A
Columbia Commercial Bldg Prod.	Rockwall, TX	5615	COMP+CAN		175 U	A
Consolidated Glass Corp.	New Castle, PA	2003	COMP+CAN		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4702	COMP+CAN		285 U	A
Contract Glass	Wilmington, MA	4974	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3469	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2144	COMPOSITE		165 U	A
Cristec Vipla SL	Balaguer, Lleida	5697	COMPOSITE		0 U	A
D3 Glass, LLC	Fort Myers, FL	4792	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	4566	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Masai, Johor	5625	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3867	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4147	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4503	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3914	COMPOSITE		175 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3936	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4125	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2663	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2852	COMPOSITE		100 U	A
EFI	Kernersville, NC	5210	COMP+CAN		165 U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4429	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3825	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5524	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	4672	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5391	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4420	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5020	COMPOSITE		285 U	A
Glass and Mirror Craft	Wixom, MI	5598	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3454	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2729	COMPOSITE		285 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4892	COMPOSITE		125 U	A
Glasshape NA L.P.	Auckland, New Zealand	5715	COMPOSITE		195 U	A
Glaz-Tech Industries	Englewood, CO	5143	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3845	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4767	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2448	COMP+CAN		195 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3943	COMP+CAN		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Transparent Glass						
Guardian Fabrication Inc.	Webster, MA	471	COMPOSITE		100 U	A
Guardian Industries Corp.	Richburg, SC	1634	COMPOSITE		285 U	A
Guardian Industries Corp.	Corsicana, TX	1253	COMPOSITE		175 U	A
Guardian Industries Corp.	DeWitt, IA	2545	COMPOSITE		500 U	A
Guardian Industries Corp.	Geneva, NY	2519	COMPOSITE		400 U	A
Guardian Industries Corp.	Galax, VA	4609	COMP+CAN		285 U	A
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4797	COMPOSITE		100 U	A
Industrial Tempering Glass	Brooklyn, NY	3418	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5137	COMP+CAN		800 U	A
Innovative Glass of America, Inc.	Dallas, NC	3863	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3716	COMPOSITE		150 U	A
Interglass Corp	Miami, FL	5034	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2576	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4307	COMP+CAN		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5684	COMPOSITE		250 U	A
JM Glass	Hayward, CA	4930	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3962	COMP+CAN		125 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5381	COMPOSITE		125 U	A
Kohler Company	Union City, TN	2434	COMPOSITE		165 U	A
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5411	COMPOSITE		285 U	A
M/M Tempering Inc.	Loganville, GA	4281	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4321	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4814	COMPOSITE		100 U	A
Mega Tempering	Brooklyn, NY	4300	COMPOSITE		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4255	COMPOSITE		100 U	A
Multiver	Vanier, QC	5227	COMPOSITE		400 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2694	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4591	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5457	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4902	COMPOSITE		800 U	U
Oldcastle BuildingEnvelope®	Wright City, MO	3142	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2544	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3148	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3237	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3499	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3099	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3172	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2213	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3314	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3108	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3268	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3132	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3195	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	515	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3184	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3120	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3291	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3333	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3279	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1549	COMP+CAN		400 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/8 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Concord, ON	3444	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3160	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3224	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3255	COMP+CAN	175 U	A	
Paragon Tempered Glass	Antwerp, OH	2688	COMPOSITE	500 U	A	
PPG Glass	Langley, BC	3543	COMP+CAN	750 U	A	
PPG Inds., Inc.	Wichita Falls, TX	3578	COMPOSITE	175 U	A	
Prelco Inc.	Saint-Jacques, NB	4916	COMP+CAN	800 U	A	
Prelco Inc.	Riviere-du-loup, QC	2381	COMP+CAN	800 U	A	
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4640	COMPOSITE	175 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5502	COMP+CAN	100 U	A	
Qingdao Apis Glass Industries Co. Ltd.	Qingdao, Shandong China	5530	COMPOSITE	285 U	A	
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2983	COMPOSITE	500 U	A	
Ready Glass & Mirror, Inc.	Hialeah, FL	3747	COMPOSITE	285 U	A	
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4677	COMPOSITE	150 U	A	
RF Supply, Inc.	Bradenton, FL	4226	COMPOSITE	285 U	A	
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5570	COMP+CAN	285 U	A	
SAAND London	London, ON Canada	3981	COMP+CAN	400 U	A	
SAAND Ottawa	Stittsville, ON	4953	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	4999	COMP+CAN	400 U	A	
SAAND Toronto	Toronto, ON Canada	4357	COMP+CAN	400 U	A	
Shanghai SYP Engineering Glass	Shanghai, China	4071	COMPOSITE	125 U	A	
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, Guangdong	5438	COMPOSITE	285 U	A	
SIGCO, Inc.	Westbrook, ME	2965	COMPOSITE	100 U	A	
Sky Land Tempering Glass Corp	Long Island City, NY	5469	COMPOSITE	100 U	A	
Solar Seal Massachusetts	South Easton, MA	1036	COMPOSITE	800 U	A	
Solar Seal Virginia	Stafford, VA	5725	COMPOSITE	100 U	A	
Sunglas Technics Co., Ltd.	Foshan City, Guangdong	5678	COMP+CAN	125 U	A	
Swift Glass Co., Inc.	Elmira Heights, NY	1558	COMPOSITE	400 U	A	
Syracuse Glass Co., Inc.	Syracuse, NY	2958	COMP+CAN	400 U	A	
Tacoma Glass Mfg. Inc.	Burlington, WA	5166	COMPOSITE	195 U	A	
Tacoma Glass Mfg. Inc.	Lakewood, WA	4731	COMPOSITE	195 U	A	
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5486	COMP+CAN	285 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3890	COMP+CAN	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	3062	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	1995	COMP+CAN	285 U	A	
Tempco Glass	Flushing, NY	5012	COMPOSITE	400 U	A	
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4850	COMPOSITE	175 U	A	
The Original Frameless Shower Door	Coral Springs, FL	4662	COMPOSITE	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	5735	COMPOSITE	285 U	A	
Thompson I.G. LLC.	Fenton, MI	5298	COMP+CAN	100 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4025	COMPOSITE	100 U	A	
Tianjin SYP Engineering Glass	Tianjin, China	4078	COMP+CAN	125 U	A	
Tri-Star Glass, Inc.	Tulsa, OK	4008	COMPOSITE	175 U	A	
Triton Glass LLC	Albemarle, NC	5693	COMPOSITE	165 U	A	
Triview Glass Industries	City of Industry, CA	5043	COMP+CAN	250 U	A	
Troy Systems LLC	Manassas, VA	4062	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4158	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Houston, TX	3927	COMP+CAN	175 U	A	
Trulite Glass and Aluminum Solutions	Orlando, FL	5186	COMPOSITE	285 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Transparent Glass						
Trulite Glass and Aluminum Solutions	City of Industry, CA	4186	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5703	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5344	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	865	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4214	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5321	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5275	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1787	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4754	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5400	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5511	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5446	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3327	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2840	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5339	COMPOSITE		250 U	A
Tweddell's Inc.	Santa Ana, CA	5386	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2470	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3951	COMP+CAN		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5414	ANSI ONLY		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	4927	COMPOSITE		400 U	A
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4967	COMPOSITE		175 U	A
Viracon Inc.	St. George, UT	5557	COMPOSITE		125 U	A
Viracon Inc.	Owatonna, MN	1508	COMP+CAN		150 U	A
Viracon Inc.	Statesboro, GA	2311	COMP+CAN		165 U	A
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5394	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4654	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4172	COMPOSITE		200 U	A
Wholesale Glass Dist.	Memphis, TN	4381	COMPOSITE		150 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5589	COMPOSITE		600 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5430	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4052	COMPOSITE		165 U	A
Wuhan Aozheng Science and Technology Co., Ltd.	Wuhan, Hubei, China	5241	COMPOSITE		195 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5253	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5535	COMP+CAN		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3054	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3740	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5291	ANSI ONLY		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5465	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5080	COMPOSITE		125 U	A
1/2 Inch Tempered Transparent Glass						
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4884	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4590	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4336	COMPOSITE		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/2 Inch Tempered Transparent Glass</i>						
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4719	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5423	COMPOSITE		285 U	A
Aluminum Technology Auxiliary Industries	Doha, Qatar	5212	COMPOSITE		125 U	A
American Insulated Glass Inc.	Conley, GA	5287	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3041	COMPOSITE		250 U	A
Basco Engineered Products	Hamilton, OH	3812	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5563	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	1991	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4521	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5368	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMP+CAN		500 U	A
Cardinal LG	Amery, WI	4844	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3875	COMPOSITE		175 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3090	COMPOSITE		200 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5162	COMPOSITE		200 U	A
ClearEdge Glass	Baton Rouge, LA	5314	COMPOSITE		175 U	A
Clinton Glass Company	Knoxville, TN	5608	COMPOSITE		165 U	A
Columbia Commercial Bldg Prod.	Rockwall, TX	5616	COMP+CAN		175 U	A
Consolidated Glass Corp.	New Castle, PA	2004	COMP+CAN		285 U	A
Contract Glass	Wilmington, MA	4975	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3470	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2145	COMPOSITE		165 U	A
Cristec Vipla SL	Balaguer, Lleida	5698	COMPOSITE		0 U	A
D3 Glass, LLC	Fort Myers, FL	4793	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	4567	COMPOSITE		175 U	A
DDG Glass Manufacturing SDN BHD	Masai, Johor	5626	COMP+CAN		125 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3868	COMPOSITE		175 U	A
Diamond Sea Glaze	Langley, BC Canada	4504	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3915	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3018	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3937	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4126	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE		285 U	A
EFI	Kernersville, NC	5211	COMP+CAN		165 U	A
Flat Glass Distributors	Jacksonville, FL	3826	COMPOSITE		285 U	A
Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang	5525	COMPOSITE		125 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5549	COMP+CAN	(IN)	125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5392	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4421	COMP+CAN		750 U	A
General Glass	Portland, OR	5751	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5021	COMPOSITE		285 U	A
Glass and Mirror Craft	Wixom, MI	4202	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	3607	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2733	COMPOSITE		285 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4890	COMPOSITE		125 U	A
Glasshape NA L.P.	Auckland, New Zealand	5716	COMPOSITE		195 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/2 Inch Tempered Transparent Glass						
Glaz-Tech Industries	Englewood, CO	2189	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3846	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4768	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMP+CAN		195 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3944	COMP+CAN		125 U	A
Guardian Fabrication Inc.	Webster, MA	1235	COMPOSITE		100 U	A
Guardian Industries Corp.	Galax, VA	4610	COMP+CAN		285 U	A
Guardian Industries Corp.	Corsicana, TX	1803	COMPOSITE		175 U	A
Guardian Industries Corp.	DeWitt, IA	2649	COMPOSITE		500 U	A
Guardian Industries Corp.	Geneva, NY	3673	COMPOSITE		400 U	A
Industrial Tempering Glass	Brooklyn, NY	3419	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5138	COMP+CAN		800 U	A
Innovative Glass of America, Inc.	Dallas, NC	3864	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3717	COMPOSITE		150 U	A
Interglass Corp	Miami, FL	5035	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2577	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4308	COMP+CAN		125 U	A
JM Glass	Hayward, CA	4931	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3963	COMP+CAN		125 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5382	COMPOSITE		125 U	A
Kohler Company	Union City, TN	4012	COMPOSITE		165 U	A
M/M Tempering Inc.	Loganville, GA	4282	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4322	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4815	COMPOSITE		100 U	A
Mega Tempering	Brooklyn, NY	4301	COMPOSITE		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4256	COMPOSITE		100 U	A
Multiver	Vanier, QC	5228	COMPOSITE		400 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	4148	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4592	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5458	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4903	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3225	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3161	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3121	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3256	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3133	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3196	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2062	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1550	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3280	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3315	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3269	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3100	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3143	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3334	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3238	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3445	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3109	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3173	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2214	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3292	COMP+CAN		750 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/2 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Moorestown, NJ	3185	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3500	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	516	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3149	COMP+CAN	500 U	A	
PFG Glass	Langley, BC	3544	COMP+CAN	750 U	A	
Prelco Inc.	Riviere-du-loup, QC	2048	COMP+CAN	800 U	A	
Prelco Inc.	Saint-Jacques, NB	4917	COMP+CAN	800 U	A	
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4641	COMPOSITE	175 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5503	COMP+CAN	100 U	A	
Qingdao Apis Glass Industries Co. Ltd.	Qingdao, Shandong China	5531	COMPOSITE	285 U	A	
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2984	COMPOSITE	500 U	A	
Ready Glass & Mirror, Inc.	Hialeah, FL	3748	COMPOSITE	285 U	A	
RF Supply, Inc.	Bradenton, FL	4227	COMPOSITE	285 U	A	
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5571	COMP+CAN	285 U	A	
SAAND Ottawa	Stittsville, ON	4954	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	5000	COMP+CAN	400 U	A	
SAAND Toronto	Toronto, ON Canada	4358	COMP+CAN	400 U	A	
Shanghai SYP Engineering Glass	Shanghai, China	4072	COMPOSITE	125 U	A	
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, Guangdong	5439	COMPOSITE	285 U	A	
SIGCO, Inc.	Westbrook, ME	2966	COMPOSITE	100 U	A	
Sky Land Tempering Glass Corp	Long Island City, NY	5470	COMPOSITE	100 U	A	
Solar Seal Massachusetts	South Easton, MA	1037	COMPOSITE	800 U	A	
Solar Seal Virginia	Stafford, VA	5726	COMPOSITE	100 U	A	
Sunglas Technics Co., Ltd.	Foshan City, Guangdong	5679	COMP+CAN	125 U	A	
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE	400 U	A	
Syracuse Glass Co., Inc.	Syracuse, NY	2657	COMP+CAN	400 U	A	
Tacoma Glass Mfg. Inc.	Lakewood, WA	4732	COMPOSITE	195 U	A	
Tacoma Glass Mfg. Inc.	Burlington, WA	5167	COMPOSITE	195 U	A	
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5604	COMP+CAN	285 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3891	COMP+CAN	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	4509	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMP+CAN	285 U	A	
Tempco Glass	Flushing, NY	5013	COMPOSITE	400 U	A	
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4851	COMPOSITE	175 U	A	
The Original Frameless Shower Door	Coral Springs, FL	4663	COMPOSITE	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	5736	COMPOSITE	285 U	A	
Thompson I.G. LLC.	Fenton, MI	5299	COMP+CAN	100 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4026	COMPOSITE	100 U	A	
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5221	COMPOSITE	175 U	A	
Tri-Star Glass, Inc.	Tulsa, OK	4009	COMPOSITE	175 U	A	
Triton Glass LLC	Albemarle, NC	5694	COMPOSITE	165 U	A	
Triview Glass Industries	City of Industry, CA	5044	COMP+CAN	250 U	A	
Troy Systems LLC	Manassas, VA	4063	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4159	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Tulsa, OK	5447	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Orlando, FL	5187	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4753	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Atlanta, GA	866	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5704	COMPOSITE	250 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/2 Inch Tempered Transparent Glass							
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1788	COMPOSITE		100 U	A	
Trulite Glass and Aluminum Solutions	City of Industry, CA	4187	COMPOSITE		250 U	A	
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4215	COMPOSITE		250 U	A	
Trulite Glass and Aluminum Solutions	New Berlin, WI	5322	COMPOSITE		150 U	A	
Trulite Glass and Aluminum Solutions	San Antonio, TX	4277	COMPOSITE		175 U	A	
Trulite Glass and Aluminum Solutions	Aurora, CO	5345	COMPOSITE		175 U	A	
Trulite Glass and Aluminum Solutions	Columbus, OH	4748	COMPOSITE		285 U	A	
Trulite Glass and Aluminum Solutions	Houston, TX	3928	COMP+CAN		175 U	A	
Trulite Glass and Aluminum Solutions	Youngsville, NC	5276	COMPOSITE		165 U	A	
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5401	COMPOSITE		175 U	A	
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5340	COMPOSITE		250 U	A	
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE		800 U	A	
United Plate Glass Company of Charlotte	Lincolnton, NC	3952	COMP+CAN		165 U	A	
Upstate Glass Tempering Inc.	Middletown, NY	5158	COMPOSITE		400 U	A	
Viracon Inc.	Owatonna, MN	1509	COMP+CAN		150 U	A	
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE		100 U	A	
Vitemex	Reynosa, Tamaulipas Mexico	5395	COMPOSITE		175 U	A	
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4655	COMPOSITE		285 U	A	
W. A. Wilson Inc.	Wheeling, WV	4173	COMPOSITE		200 U	A	
Wholesale Glass Dist.	Memphis, TN	4382	COMPOSITE		150 U	A	
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5590	COMPOSITE		600 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5431	COMP+CAN		200 U	A	
WSD Glass, Inc.	Winston-Salem, NC	4050	COMPOSITE		165 U	A	
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5254	COMPOSITE		125 U	A	
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5536	COMP+CAN		195 U	A	
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3055	COMP+CAN		125 U	A	
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3741	COMP+CAN		285 U	A	
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5466	COMP+CAN		285 U	A	
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5081	COMPOSITE		125 U	A	
12 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	(3)	100 U	A	
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4798	COMPOSITE	(7)	100 U	A	
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5129	COMP+CAN	(3)	150 U	A	
Tianjin SYP Engineering Glass	Tianjin, China	4079	COMP+CAN	(3)	125 U	A	
1/2 Inch Tempered Transparent Glass							
Anthony International	Madison, GA	5018	COMPOSITE		165 U	A	
5/8 Inch Tempered Transparent Glass							
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5572	COMP+CAN		285 U	A	
SAAND Rexdale	Rexdale, ON	5008	COMP+CAN	(3)	400 U	A	
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5255	COMPOSITE		125 U	A	
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5537	COMP+CAN		195 U	A	
15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3976	COMPOSITE	(4)	100 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5661	COMPOSITE	(3)	125 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5163	COMPOSITE	(4)	200 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)							
DDG Glass Manufacturing SDN BHD	Masai, Johor	5627	COMP+CAN	(3)		125 U	A
Diamond Sea Glaze	Langley, BC Canada	4505	COMPOSITE	(3)		750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3938	COMP+CAN	(3)		125 U	A
Eckelt Glas GmbH	Steyr, Austria	2854	COMPOSITE	(3)		100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5125	COMP+CAN	(3)		750 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3945	COMP+CAN	(3)		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4309	COMP+CAN	(3)		125 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4073	COMPOSITE	(3)		125 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4027	COMPOSITE	(3)		100 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4080	COMP+CAN	(3)		125 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4179	COMP+CAN	(3)		125 U	A
5/8 Inch Tempered Transparent Glass							
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	4355	COMPOSITE			450 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5174	COMPOSITE			100 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3916	COMPOSITE			175 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3857	COMPOSITE			100 U	A
Glass and Mirror Craft	Wixom, MI	4203	COMP+CAN			150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2731	COMPOSITE			285 U	A
Inkan Ltd	Brampton, ON	5139	COMP+CAN			800 U	A
McGrory Glass	Paulsboro, NJ	4816	COMPOSITE			100 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5453	COMP+CAN			285 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4181	COMP+CAN			400 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3239	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3110	COMP+CAN			150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3270	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2063	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3446	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4387	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	4458	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3293	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	4054	COMP+CAN			100 U	A
SIGCO, Inc.	Westbrook, ME	4326	COMPOSITE			100 U	A
Techni-Glass, Inc.	Surgoinsville, TN	4510	COMP+CAN			285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMP+CAN			285 U	A
Triview Glass Industries	City of Industry, CA	5045	COMP+CAN			250 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5680	COMPOSITE			285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4522	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5477	COMPOSITE			175 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4134	COMPOSITE			100 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4089	COMPOSITE			165 U	A
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE			100 U	A
16 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5130	COMP+CAN	(3)		150 U	A
3/4 Inch Tempered Transparent Glass							
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3977	COMPOSITE			100 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4810	COMPOSITE			285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	3656	COMPOSITE			450 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/4 Inch Tempered Transparent Glass</i>						
Basco Engineered Products	Hamilton, OH	5076	COMPOSITE		200 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5662	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	2647	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5175	COMPOSITE		100 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5164	COMPOSITE		200 U	A
Contractors Wardrobe	Valencia, CA	3472	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2644	COMPOSITE		165 U	A
Diamond Sea Glaze	Langley, BC Canada	4506	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3917	COMPOSITE		175 U	A
Dlubak Corporation	Blairsville, PA	3019	COMPOSITE		100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3939	COMP+CAN		125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2855	COMPOSITE		100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4422	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3858	COMPOSITE		100 U	A
Glass and Mirror Craft	Wixom, MI	4204	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	5237	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE		285 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4893	COMPOSITE		125 U	A
Glasshape NA L.P.	Auckland, New Zealand	5717	COMPOSITE		195 U	A
Glaz-Tech Industries	Englewood, CO	2190	COMPOSITE		250 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3946	COMP+CAN		125 U	A
Guardian Industries Corp.	Galax, VA	4611	COMP+CAN	(IN)	285 U	A
Industrial Tempering Glass	Brooklyn, NY	4240	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5140	COMP+CAN		800 U	A
Interglass Corp	Miami, FL	5036	COMPOSITE		285 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4310	COMP+CAN		125 U	A
McGrory Glass	Paulsboro, NJ	4817	COMPOSITE		100 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5454	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1551	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3447	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3294	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3335	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3271	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3111	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2885	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3257	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	2074	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3240	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3197	COMP+CAN		125 U	A
Prelco Inc.	Riviere-du-loup, QC	4904	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4642	COMPOSITE		175 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	3805	COMPOSITE		500 U	A
Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5573	COMP+CAN		285 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4074	COMPOSITE		125 U	A
SIGCO, Inc.	Westbrook, ME	4327	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	5527	COMPOSITE		800 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5168	COMPOSITE		195 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2894	COMP+CAN		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/4 Inch Tempered Transparent Glass</i>							
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	5365	COMPOSITE			175 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4028	COMPOSITE			100 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4081	COMP+CAN			125 U	A
Triview Glass Industries	City of Industry, CA	5046	COMP+CAN			250 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4371	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	2960	COMPOSITE			165 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5478	COMPOSITE			175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5277	COMPOSITE			165 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4135	COMPOSITE			100 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5188	COMPOSITE			285 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5346	COMPOSITE			175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4216	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5406	COMPOSITE			175 U	A
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE			100 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5256	COMPOSITE			125 U	A
<i>19 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>							
DDG Glass Manufacturing SDN BHD	Masai, Johor	5628	COMP+CAN	(3)		125 U	A
<i>7/8 Inch Tempered Transparent Glass</i>							
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4535	COMPOSITE			125 U	A
<i>1 Inch Tempered Transparent Glass</i>							
GGI Glass Distributors Corp.	Secaucus, NJ	4774	COMPOSITE	(IN)		100 U	A
<u>Tempered Patterned Glass</u>							
<i>1/8 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Greenland, TN	587	COMP+CAN	(s)		285 U	A
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	2510	COMPOSITE	(m)		100 U	A
AGC Glass Co. North America Building Products Fabrication	Boardman, OH	5475	COMP+CAN	(m)		800 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4332	COMPOSITE	(s)		285 U	A
American Insulated Glass Inc.	Conley, GA	5288	COMPOSITE	(m)		165 U	A
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE	(m)		750 U	A
ATI Windows	Riverside, CA	5639	COMPOSITE	(s)		250 U	A
Cardinal CG	Spring Green, WI	2071	COMP+CAN	(s)		600 U	A
Cardinal CG	Casa Grande, AZ	4103	COMP+CAN	(s)		250 U	A
Cardinal CG	Buford, GA	2146	COMP+CAN	(s)		165 U	A
Cardinal CG	Moreno Valley, CA	5335	COMP+CAN	(s)		250 U	A
Cardinal CG	Northfield, MN	2011	COMP+CAN	(s)		150 U	A
Cardinal CG	Loveland, CO	4343	COMPOSITE	(s)		500 U	A
Cardinal CG	Galt, CA	3599	COMPOSITE	(s)		125 U	A
Cardinal CG	Tumwater, WA	2954	COMP+CAN	(s)		195 U	A
Cardinal CT	Utica, OH	4623	COMP+CAN	(m)		100 U	A
Cardinal CT	Adel, GA	5098	COMPOSITE	(d)		165 U	A
Cardinal CT	Los Angeles, CA	5088	COMP+CAN	(s)		250 U	A
Cardinal CT	Easton, PA	4759	COMP+CAN	(s)		100 U	A
Cardinal CT	Mount Airy, NC	4581	COMP+CAN	(s)		165 U	A
Cardinal CT - S	Irving TX	5105	COMPOSITE	(s)		175 U	A
Cardinal CT - W	Irving TX	5249	COMPOSITE	(s)		175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Patterned Glass</i>						
Cardinal IG	Waxahachie, TX	2397	COMP+CAN (m)		175 U	A
Cardinal IG	Vinton, VA	2923	COMP+CAN (s)		100 U	A
Cardinal IG	Fremont, IN	2203	COMP+CAN (s)		150 U	A
Cardinal IG	Fargo, ND	2231	COMP+CAN (s)		150 U	A
Cardinal IG	Tomah, WI	2321	COMP+CAN (m)		600 U	A
Cardinal IG	Hood River, OR	2857	COMP+CAN (s)		195 U	A
Cardinal IG	Mountain Top, PA	3073	COMP+CAN (m)		100 U	A
Cardinal IG	Spring Green, WI	1844	COMP+CAN (s)		500 U	A
Cardinal IG	Greenfield, IA	1841	COMP+CAN (s)		500 U	A
Cardinal LG	Ocala, FL	4584	COMPOSITE (m)		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4703	COMP+CAN (s)		285 U	A
Contractors Wardrobe	Valencia, CA	3473	COMP+CAN (m)		250 U	A
Flat Glass Distributors	Jacksonville, FL	3828	COMPOSITE (m)		285 U	A
General Glass	Portland, OR	5750	COMPOSITE (s)		195 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4894	COMPOSITE (s)		125 U	A
Grand Glass Windows and Doors Inc.	Mobile, AL	5071	COMPOSITE (s)		165 U	A
Guardian Fabrication Inc.	Webster, MA	3604	COMPOSITE (s)		100 U	A
Guardian Industries Corp.	Richburg, SC	1683	COMPOSITE (m)		285 U	A
Guardian Industries Corp.	Galax, VA	4612	COMP+CAN (s)		285 U	A
Guardian Industries Corp.	Corsicana, TX	2458	COMPOSITE (m)		175 U	A
Guardian Industries Corp.	Kingsburg, CA	1303	COMPOSITE (d)		125 U	A
Intigral	Walton Hills, OH	3631	COMP+CAN (m)		200 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4394	COMPOSITE (s)		100 U	A
Kohler Company	Union City, TN	1983	COMPOSITE (m)		165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMP+CAN (s)		285 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3101	COMP+CAN (m)		175 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3134	COMP+CAN (s)		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3281	COMP+CAN (s)		165 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3242	COMP+CAN (s)		100 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3295	COMP+CAN (m)		750 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3501	COMP+CAN (s)		285 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3425	COMP+CAN (IN)(s)		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3317	COMP+CAN (s)		175 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	4384	COMP+CAN (s)		150 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3272	COMP+CAN (m)		750 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3122	COMP+CAN (s)		285 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3199	COMP+CAN (s)		125 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3186	COMP+CAN (m)		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3151	COMP+CAN (s)		500 u	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3226	COMP+CAN (s)		195 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3336	COMP+CAN (s)		165 U	A
PFG Glass	Langley, BC	3547	COMP+CAN (s)		750 U	A
PGT Industries	Nokomis, FL	3880	COMPOSITE (s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5504	COMP+CAN (s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2968	COMP+CAN (m)		150 U	A
SAAND Rexdale	Rexdale, ON	5003	COMP+CAN (s)		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1422	COMP+CAN (s)		285 U	A
SIGCO, Inc.	Westbrook, ME	4543	COMPOSITE (m)		100 U	A
Simonton Windows	Ellenboro, WV	5296	COMPOSITE (s)		100 U	A
Simonton Windows	Paris, IL	5295	COMPOSITE (s)		150 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3061	COMP+CAN (m)		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Patterned Glass</i>							
Thermal Seal Insulating Glass	Uxbridge, MA	5730	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4188	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5784	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4090	COMPOSITE	(s)		165 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4452	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5705	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3818	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4207	COMPOSITE	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4217	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5433	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5189	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5688	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5347	COMPOSITE	(s)		175 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3954	COMP+CAN	(d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	5173	COMPOSITE	(d)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5592	COMPOSITE	(s)		600 U	A
<i>5/32 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Greenland, TN	2980	COMP+CAN	(m)		285 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4333	COMPOSITE	(d)		285 U	A
Arlene Stained Glass & Door	Houston, TX	3585	COMPOSITE	(s)		175 U	A
Cardinal CG	Northfield, MN	2012	COMP+CAN	(d)		150 U	A
Cardinal CG	Tumwater, WA	2955	COMP+CAN	(d)		195 U	A
Cardinal CG	Galt, CA	4347	COMPOSITE	(m)		125 U	A
Cardinal CG	Casa Grande, AZ	4104	COMP+CAN	(d)		250 U	A
Cardinal CG	Loveland, CO	4344	COMPOSITE	(d)		500 U	A
Cardinal CG	Waxahachie, TX	4047	COMP+CAN	(m)		175 U	A
Cardinal CT	Easton, PA	4760	COMP+CAN	(d)		100 U	A
Cardinal CT	Mount Airy, NC	4742	COMP+CAN	(m)		165 U	A
Cardinal CT	Adel, GA	5099	COMPOSITE	(d)		165 U	A
Cardinal CT	Utica, OH	4624	COMP+CAN	(m)		100 U	A
Cardinal IG	Fremont, IN	2204	COMP+CAN	(d)		150 U	A
Cardinal IG	Hood River, OR	4836	COMP+CAN	(d)		195 U	A
Cardinal IG	Waxahachie, TX	4091	COMP+CAN	(d)		175 U	A
Cardinal IG	Greenfield, IA	1842	COMP+CAN	(d)		500 U	A
Cardinal IG	Mountain Top, PA	3115	COMP+CAN	(s)		100 U	A
Cardinal IG	Vinton, VA	2924	COMP+CAN	(d)		100 U	A
Cardinal IG	Fargo, ND	2285	COMP+CAN	(m)		150 U	A
Cardinal IG	Tomah, WI	2322	COMP+CAN	(d)		600 U	A
Cardinal IG	Spring Green, WI	1845	COMP+CAN	(m)		500 U	A
ClearEdge Glass	Baton Rouge, LA	5330	COMPOSITE	(d)		175 U	A
Consolidated Glass Corp.	New Castle, PA	2355	COMP+CAN	(m)		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4704	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3474	COMP+CAN	(d)		250 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5217	COMPOSITE	(s)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3970	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	5128	COMPOSITE	(d)		125 U	A
Guardian Fabrication Inc.	Webster, MA	2451	COMPOSITE	(m)		100 U	A
Guardian Industries Corp.	Corsicana, TX	2459	COMPOSITE	(m)		175 U	A
Guardian Industries Corp.	Kingsburg, CA	1301	COMPOSITE	(m)		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Patterned Glass</i>						
Guardian Industries Corp.	Richburg, SC	1635	COMPOSITE	(m)	285 U	A
Intigral	Walton Hills, OH	4588	COMP+CAN	(m)	200 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5711	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4161	COMP+CAN	(m)	125 U	A
Kohler Company	Union City, TN	3532	COMPOSITE	(m)	165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	5785	COMP+CAN	(s)	285 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3337	COMP+CAN	(s)	165 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3296	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3273	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3135	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3426	COMP+CAN	(IN)(m)	175 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3163	COMP+CAN	(d)	175 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3102	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3200	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3112	COMP+CAN	(s)	150 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3318	COMP+CAN	(d)	175 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4396	COMP+CAN	(d)	165 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3177	COMP+CAN	(d)	600 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3187	COMP+CAN	(d)	100 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3227	COMP+CAN	(d)	195 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3152	COMP+CAN	(s)	500 U	A
PFG Glass	Langley, BC	3548	COMP+CAN	(d)	750 U	A
Quaker Window Products, Inc.	Freeburg, MO	2969	COMP+CAN	(IN)(m)	150 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1424	COMP+CAN	(s)	285 U	A
SIGCO, Inc.	Westbrook, ME	2967	COMPOSITE	(s)	100 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5067	COMP+CAN	(m)	285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	5050	COMP+CAN	(m)	285 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	3460	COMPOSITE	(d)	250 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4010	COMPOSITE	(s)	175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5448	COMPOSITE	(d)	175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5686	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4218	COMPOSITE	(m)	250 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4372	COMPOSITE	(s)	250 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5403	COMPOSITE	(s)	175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3647	COMPOSITE	(m)	175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4981	COMPOSITE	(d)	285 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4636	COMPOSITE	(d)	165 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5593	COMPOSITE	(m)	600 U	A
<i>3/16 Inch Tempered Patterned Glass</i>						
AGC Flat Glass North America	Greenland, TN	1139	COMP+CAN	(s)	285 U	A
AGC Glass Co. North America Building Products Fabrication	Boardman, OH	5476	COMP+CAN	(m)	800 U	A
AGC Glass Co. North America Building Products Fabrication	Quakertown, PA	3698	COMPOSITE	(m)	100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4334	COMPOSITE	(d)	285 U	A
American Insulated Glass Inc.	Conley, GA	5289	COMPOSITE	(s)	165 U	A
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	(m)	750 U	A
Architectural Glass Products, LLC	St. Louis, MO	4574	COMPOSITE	(s)	100 U	A
Basco Engineered Products	Hamilton, OH	4688	COMPOSITE	(m)	200 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Patterned Glass</i>							
Cardinal CG	Northfield, MN	2013	COMP+CAN	(m)		150 U	A
Cardinal CG	Tumwater, WA	2956	COMP+CAN	(m)		195 U	A
Cardinal CG	Buford, GA	4599	COMP+CAN	(s)		165 U	A
Cardinal CG	Casa Grande, AZ	4105	COMP+CAN	(s)		250 U	A
Cardinal CG	Moreno Valley, CA	5336	COMP+CAN	(s)		250 U	A
Cardinal CG	Waxahachie, TX	2705	COMP+CAN	(m)		175 U	A
Cardinal CG	Loveland, CO	4345	COMPOSITE	(m)		500 U	A
Cardinal CG	Galt, CA	3601	COMPOSITE	(m)		125 U	A
Cardinal CT	Mount Airy, NC	4582	COMP+CAN	(s)		165 U	A
Cardinal CT	Adel, GA	5100	COMPOSITE	(d)		165 U	A
Cardinal CT	Los Angeles, CA	5089	COMP+CAN	(m)		250 U	A
Cardinal CT	Utica, OH	4625	COMP+CAN	(m)		100 U	A
Cardinal CT	Easton, PA	4761	COMP+CAN	(d)		100 U	A
Cardinal CT - S	Irving TX	5106	COMPOSITE	(d)		175 U	A
Cardinal CT - W	Irving TX	5250	COMPOSITE	(d)		175 U	A
Cardinal IG	Mountain Top, PA	3072	COMP+CAN	(m)		100 U	A
Cardinal IG	Tomah, WI	2323	COMP+CAN	(d)		600 U	A
Cardinal IG	Hood River, OR	2859	COMP+CAN	(m)		195 U	A
Cardinal IG	Spring Green, WI	1846	COMP+CAN	(s)		500 U	A
Cardinal IG	Waxahachie, TX	2399	COMP+CAN	(m)		175 U	A
Cardinal IG	Vinton, VA	3619	COMP+CAN	(s)		100 U	A
Cardinal IG	Fargo, ND	2286	COMP+CAN	(s)		150 U	A
Cardinal IG	Greenfield, IA	1843	COMP+CAN	(s)		500 U	A
Cardinal IG	Fremont, IN	2205	COMP+CAN	(s)		150 U	A
ClearEdge Glass	Baton Rouge, LA	5331	COMPOSITE	(s)		175 U	A
Consolidated Glass Corp.	New Castle, PA	2354	COMP+CAN	(m)		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4705	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3475	COMP+CAN	(d)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	1964	COMPOSITE	(d)		165 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	3487	COMPOSITE	(s)		285 U	A
EFCO Corporation	Monett, MO	2143	COMPOSITE	(s)		175 U	A
Flat Glass Distributors	Jacksonville, FL	3830	COMPOSITE	(m)		285 U	A
General Glass	Portland, OR	5748	COMPOSITE	(s)		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3971	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4895	COMPOSITE	(m)		125 U	A
Glaz-Tech Industries	Englewood, CO	2193	COMPOSITE	(s)		250 U	A
Guardian Fabrication Inc.	Webster, MA	2603	COMPOSITE	(m)		100 U	A
Guardian Industries Corp.	Kingsburg, CA	1304	COMPOSITE	(m)		125 U	A
Guardian Industries Corp.	Galax, VA	4613	COMP+CAN	(m)		285 U	A
Guardian Industries Corp.	Richburg, SC	1865	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	2460	COMPOSITE	(m)		175 U	A
Interglass Corp	Miami, FL	5119	COMPOSITE	(s)		285 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4162	COMP+CAN	(m)		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4395	COMPOSITE	(s)		100 U	A
Kohler Company	Union City, TN	1984	COMPOSITE	(s)		165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3178	COMP+CAN	(d)		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2215	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3427	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3228	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3297	COMP+CAN	(d)		750 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/16 Inch Tempered Patterned Glass							
Oldcastle BuildingEnvelope®	Tampa, FL	3124	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	3492	COMP+CAN	(d)		400 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3188	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3319	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3502	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3136	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3164	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Concord, ON	4424	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3274	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3113	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3338	COMP+CAN	(m)		165 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	935	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3153	COMP+CAN	(m)		500 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3201	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3283	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3243	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3103	COMP+CAN	(m)		175 U	A
PFG Glass	Langley, BC	3549	COMP+CAN	(m)		750 U	A
PGT Industries	Nokomis, FL	3881	COMPOSITE	(s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5505	COMP+CAN	(s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	3486	COMP+CAN	(m)		150 U	A
Robover Inc.	Quebec City, QC	5727	COMP+CAN	(m)		450 U	A
SAAND Rexdale	Rexdale, ON	5005	COMP+CAN	(s)		400 U	A
SIGCO, Inc.	Westbrook, ME	3028	COMPOSITE	(m)		100 U	A
Solar Seal Massachusetts	South Easton, MA	1939	COMPOSITE	(s)		800 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5488	COMP+CAN	(m)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMP+CAN	(m)		285 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	3431	COMPOSITE	(m)		250 U	A
Tri-Star Glass, Inc.	Tulsa, OK	4011	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4219	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5190	COMPOSITE	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3931	COMP+CAN	(s)		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5325	COMPOSITE	(s)		150 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5404	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5449	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	4342	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5279	COMPOSITE	S		165 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4160	COMPOSITE	(d)		285 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1790	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4750	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	3554	COMPOSITE	(s)		165 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4373	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5706	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5349	COMPOSITE	(s)		175 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3955	COMP+CAN	(d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	4175	COMPOSITE	(d)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5594	COMPOSITE	(s)		600 U	A
WSD Glass, Inc.	Winston-Salem, NC	4051	COMPOSITE	(s)		165 U	A
7/32 Inch Tempered Patterned Glass							
Guardian Fabrication Inc.	Webster, MA	3024	COMPOSITE	(s)		100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/4 Inch Tempered Patterned Glass						
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4338	COMPOSITE	(m)	285 U	A
American Shower Door	Los Angeles, CA	3042	COMPOSITE	(s)	250 U	A
Basco Engineered Products	Hamilton, OH	4689	COMPOSITE	(s)	200 U	A
Cardinal CG	Loveland, CO	5720	COMPOSITE	(d)	500 U	A
Cardinal LG	Ocala, FL	4587	COMPOSITE	(s)	285 U	A
Consolidated Glass Corp.	New Castle, PA	4714	COMP+CAN	(m)	285 U	A
Contractors Wardrobe	Valencia, CA	3476	COMP+CAN	(m)	250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2944	COMPOSITE	(d)	165 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4507	COMPOSITE	(m)	175 U	A
Flat Glass Distributors	Jacksonville, FL	3831	COMPOSITE	(s)	285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5218	COMPOSITE	(s)	285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3972	COMPOSITE	(s)	100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4896	COMPOSITE	(m)	125 U	A
Guardian Fabrication Inc.	Webster, MA	4656	COMPOSITE	(s)	100 U	A
Guardian Industries Corp.	Corsicana, TX	5142	COMPOSITE	(m)	175 U	A
Guardian Industries Corp.	Kingsburg, CA	1882	COMPOSITE	(m)	125 U	A
Guardian Industries Corp.	Richburg, SC	3002	COMPOSITE	(m)	285 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5712	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4163	COMP+CAN	(s)	125 U	A
Kohler Company	Union City, TN	2918	COMPOSITE	(IN)(m)	165 U	A
McGrory Glass	Paulsboro, NJ	4818	COMPOSITE	(s)	100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4257	COMPOSITE	(m)	100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3339	COMP+CAN	(m)	165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3999	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3165	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3125	COMP+CAN	(m)	285 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3189	COMP+CAN	(m)	100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3154	COMP+CAN	(m)	500 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3275	COMP+CAN	(m)	750 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3229	COMP+CAN	(m)	195 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	5442	COMP+CAN	(d)	150 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4133	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3179	COMP+CAN	(d)	600 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3907	COMP+CAN	(m)	125 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3320	COMP+CAN	(s)	175 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3244	COMP+CAN	(m)	100 U	A
Oldcastle BuildingEnvelope®	Miami, FL	4477	COMP+CAN	(d)	285 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3561	COMP+CAN	(s)	150 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3284	COMP+CAN	(d)	165 U	A
PFG Glass	Langley, BC	3711	COMP+CAN	(m)	750 U	A
Quaker Window Products, Inc.	Freeburg, MO	2970	COMP+CAN	(IN)(m)	150 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5068	COMP+CAN	(m)	285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3060	COMP+CAN	(m)	285 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4555	COMPOSITE	(m)	165 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4189	COMPOSITE	(s)	250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5450	COMPOSITE	(m)	175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4980	COMPOSITE	(d)	285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4220	COMPOSITE	(m)	250 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5707	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5191	COMPOSITE	(m)	285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/4 Inch Tempered Patterned Glass</i>							
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5595	COMPOSITE	(m)		600 U	A
<i>3/8 Inch Tempered Patterned Glass</i>							
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4339	COMPOSITE	(s)		285 U	A
American Shower Door	Los Angeles, CA	3043	COMPOSITE	(s)		250 U	A
Basco Engineered Products	Hamilton, OH	5203	COMPOSITE	(m)		200 U	A
Consolidated Glass Corp.	New Castle, PA	4785	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3477	COMP+CAN	(s)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2945	COMPOSITE	(d)		165 U	A
D3 Glass, LLC	Fort Myers, FL	4791	COMPOSITE	(m)		285 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4508	COMPOSITE	(s)		175 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	4626	COMPOSITE	(s)		285 U	A
Flat Glass Distributors	Jacksonville, FL	4638	COMPOSITE	(s)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3973	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services, Inc.	Tracy, CA	4897	COMPOSITE	(s)		125 U	A
Guardian Industries Corp.	Richburg, SC	3003	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	5133	COMPOSITE	(m)		175 U	A
Guardian Industries Corp.	Galax, VA	4627	COMP+CAN	(s)		285 U	A
Interglass Corp	Miami, FL	5027	COMPOSITE	(s)		285 U	A
McGrory Glass	Paulsboro, NJ	4819	COMPOSITE	(s)		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4258	COMPOSITE	(m)		100 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3245	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	4340	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Langley, BC	4710	COMP+CAN	(s)		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3448	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3190	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3155	COMP+CAN	(d)		500 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3127	COMP+CAN	(m)		150 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3230	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3428	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3503	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3203	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3285	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3262	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	3793	COMP+CAN	(d)		125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3340	COMP+CAN	(s)		165 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	3259	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3729	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3166	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3321	COMP+CAN	(s)		175 U	A
SIGCO, Inc.	Westbrook, ME	4206	COMPOSITE	(s)		100 U	A
Troy Systems LLC	Manassas, VA	5123	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Phoenix, AZ	5747	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4554	COMPOSITE	(s)		165 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5327	COMPOSITE	(m)		150 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4453	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4221	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5350	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4374	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	5134	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5192	COMPOSITE	(s)		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
3/8 Inch Tempered Patterned Glass							
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5405	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5451	COMPOSITE	(s)		175 U	A
W. A. Wilson Inc.	Wheeling, WV	4176	COMPOSITE	(s)		200 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5596	COMPOSITE	(m)		600 U	A
1/2 Inch Tempered Patterned Glass							
Coral Industries Glass Division	Tuscaloosa, AL	3817	COMPOSITE	(m)		165 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3974	COMPOSITE	(s)		100 U	A
McGrory Glass	Paulsboro, NJ	4820	COMPOSITE	(s)		100 U	A
Wisconsin Shower Door & Supply Corp	Menomonee Falls, WI	5597	COMPOSITE	(m)		600 U	A
<u>Tempered Bent Patterned Glass</u>							
3/16 Inch Tempered Bent Patterned Glass							
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4165	COMP+CAN	(m)		125 U	A
1/4 Inch Tempered Bent Patterned Glass							
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4166	COMP+CAN	(s)		125 U	A
6 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5145	COMPOSITE	(s)(2)		100 20x76	A
7 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5144	COMPOSITE	(s)(2)		100 16x76	A
<u>Tempered Bent Glass</u>							
5/32 Inch Tempered Bent Glass							
Anthony International	Madison, GA	2305	COMPOSITE			165 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3991	COMP+CAN			125 U	A
Saint-Gobain SOVIS	Thierry, France	1992	COMPOSITE			400 L 47x34	A
Vetzeria Valentini S.R.L.	Brescia, Italy	4246	COMPOSITE			400 U	A
3/16 Inch Tempered Bent Glass							
Anthony International	Madison, GA	2306	COMPOSITE			165 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5713	COMPOSITE			125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3992	COMP+CAN			125 U	A
Paragon Tempered Glass	Antwerp, OH	5242	COMPOSITE			500 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3742	COMP+CAN			285 U	A
1/4 Inch Tempered Bent Glass							
Anthony International	Madison, GA	2307	COMPOSITE			165 U	A
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5550	COMP+CAN	(IN)		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5052	COMP+CAN			125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3993	COMP+CAN			125 U	A
Paragon Tempered Glass	Antwerp, OH	4811	COMPOSITE			500 U	A
Vetzeria Valentini S.R.L.	Brescia, Italy	2898	COMPOSITE			400 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3743	COMP+CAN			285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5514	ANSI ONLY			285 U	A
6 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2570	COMPOSITE	(2)		100 20x76	A
7 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2569	COMPOSITE	(2)		100 16x76	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Bent Glass</i>						
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5551	COMP+CAN	(IN)	125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5053	COMP+CAN		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3994	COMP+CAN		125 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5515	ANSI ONLY		285 U	A
<i>3/8 Inch Tempered Bent Glass</i>						
Foshan Nanhai Gangsheng Tempered Glass Factory	Foshan, Guangdong, China	5552	COMP+CAN	(IN)	125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5054	COMP+CAN		125 U	A
<i>1/2 Inch Tempered Bent Glass</i>						
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5055	COMP+CAN		125 U	A
<u>Laminated Transparent Glass</u>						
<i>(S) Laminated Transparent Glass</i>						
5-6mm Cardinal LG	Amery, WI	2976	COMP+CAN	(.030) (b)(A)	150 U	A
5-6mm Cardinal LG	Amery, WI	4350	COMP+CAN	(.035) (ip)(A)	150 U	A
5mm Cardinal LG	Amery, WI	4120	COMP+CAN	(.015)(C1) (b)(A)	150 U	B
5-6mm Cardinal LG	Ocala, FL	4361	COMPOSITE	(.035) (ip)(A)	285 U	A
5-6mm Cardinal LG Northeast	Jessup, PA	5224	COMP+CAN	(.030) (b)(A)	400 U	A
5-6mm Pennsylvania Insulating Glass	Lewistown, PA	3918	COMPOSITE	(.030) (b)(A)	100 U	A
5-6mm Protective Insulating Glass	New Braunfels, TX	5235	COMPOSITE	(.030) (b)(A)	175 U	A
5-6mm SAAND Rexdale	Rexdale, ON	5001	COMP+CAN	(.030) (b)(A)	400 U	A
5-6mm Trulite Glass and Aluminum Solutions	Grenada, MS	4743	COMPOSITE	(.030) (b)(A)	175 U	A
<i>(S) Laminated Transparent Glass</i>						
6mm Berkowitz, J.E.	Pedricktown, NJ	5222	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Cardinal LG	Ocala, FL	3509	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Consolidated Armor Products, LLC	Addison, TX	5418	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Dlubak Corporation	Blairsville, PA	5685	COMPOSITE	(.030) (b)	100 U	A
6mm Downey Glass Industries, LLC	Pompano Beach, FL	5121	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4722	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4375	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4413	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm GlassFab Tempering Services, Inc.	Tracy, CA	4898	COMPOSITE	(.030) (b)(A)	125 U	A
6mm Global Security Glazing	Selma, AL	4769	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4633	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4800	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
6mm Insulite Glass Co., Inc.	Olathe, KS	3718	COMPOSITE	(.030) (b)(A)	150 U	A
6mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	5369	COMPOSITE	(.035) (b)(A)	100 U	A
6mm Nashville Tempered Glass LLC	Hendersonville, TN	5229	COMP+CAN	(.015) (b)(A)	285 U	B
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4528	COMP+CAN	(.035) (ip)(A)	150 U	A
6mm Oldcastle BuildingEnvelope®	Covington, GA	4391	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Oldcastle BuildingEnvelope®	Langley, BC	4475	COMP+CAN	(.030) (b)(A)	750 U	B
6mm Oldcastle BuildingEnvelope®	Hauppauge, NY	5718	COMP+CAN	(.035) (ip)(A)	400 U	A
6mm Oldcastle BuildingEnvelope®	Tampa, FL	4448	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Hauppauge, NY	3392	COMP+CAN	(.030) (b)(A)	400 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4001	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Denver, CO	4533	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Oldcastle BuildingEnvelope®	Denver, CO	4455	COMP+CAN	(.035) (ip)(A)	175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(S) Laminated Transparent Glass</i>						
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4432	COMP+CAN	(.035) (ip)(A)	100 U	A
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4526	COMP+CAN	(.030) (b)(A)	150 U	A
6mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4346	COMP+CAN	(.030) (b)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Schofield, WI	3176	COMP+CAN	(.030) (b)(A)	600 U	A
6mm Oldcastle BuildingEnvelope®	Los Angeles, CA	5630	COMP+CAN	(.035) (ip)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4700	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4397	COMP+CAN	(.035) (ip)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5024	COMP+CAN	(.015)(C1) (b)(A)	100 U	B
6mm Oldcastle BuildingEnvelope®	Fremont, CA	4531	COMP+CAN	(.030) (b)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Grand Prairie, TX	5459	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5025	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5290	COMPOSITE	(.030) (b)(A)	100 U	A
6mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5786	COMPOSITE	(.015) (b)(A)	100 U	B
6mm Prelco Inc.	Riviere-du-loup, QC	4905	COMP+CAN	(.030) (b)(A)	800 U	A
6mm Qingdao Laurel Enterprise Co., Ltd.	Qingdao City, China	5689	COMPOSITE	(.015) (b)(A)	200 U	A
6mm Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5580	COMP+CAN	(.015) (b)(A)	285 U	B
6mm Shanghai SYP Building Glass	Shanghai, China	2779	COMPOSITE	(.030) (b)(A)	125 U	A
6mm Tacoma Glass Mfg. Inc.	Lakewood, WA	5112	COMPOSITE	(.030) (b)(A)	195 U	A
6mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	5490	COMP+CAN	(.030) (b)(A)	750 U	A
6mm The Glass Guild Ltd.	Calgary, Alberta	5618	COMP+CAN	(.015) (ev)(A)	750 U	A
6mm Thermo BSL	Riviere-du-loup, QC	5672	COMP+CAN	(.015) (b)(A)	800 U	A
6mm Thompson I.G. LLC.	Fenton, MI	5300	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Tri-Star Glass, Inc.	Tulsa, OK	5441	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Triview Glass Industries	City of Industry, CA	5047	COMP+CAN	(.030) (b)(A)	250 U	A
6mm Trulite Glass and Aluminum Solutions	Columbus, OH	3407	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Trulite Glass and Aluminum Solutions	Houston, TX	5434	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Trulite Glass and Aluminum Solutions	Vaughan, ON	5631	COMP+CAN	(.030) (b)(A)	450 U	A
6mm Trulite Glass and Aluminum Solutions	New Berlin, WI	3430	COMPOSITE	(.030) (b)(A)	150 U	A
6mm Trulite Glass and Aluminum Solutions	Orlando, FL	3461	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Trulite Glass and Aluminum Solutions	Atlanta, GA	3536	COMPOSITE	(.030) (b)(A)	165 U	A
6mm Trulite Glass and Aluminum Solutions	City of Industry, CA	4233	COMPOSITE	(.030) (b)(A)	250 U	A
6mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	3603	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Trulite Glass and Aluminum Solutions	Youngsville, NC	4437	COMPOSITE	(.030) (b)(A)	165 U	A
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4969	COMPOSITE	(.015)(C1) (b)(A)	175 U	B
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4968	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Viracon Inc.	Statesboro, GA	5017	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Viracon Inc.	Owatonna, MN	1637	COMP+CAN	(.030) (b)(A)	150 U	A
6mm Viwinco, Inc.	Morgantown, PA	3406	COMPOSITE	(.090) (b)(A)	100 U	A
6mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5538	COMP+CAN	(.030) (b)	195 U	A
6mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3056	COMP+CAN	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
8-16+mm Al Abbar Architectural Glass	Dubai, United Arab Emirates	3560	COMPOSITE	(.030) (b)(A)	100 U	A
8, 12mm Aldora Aluminum and Glass Products Inc.	Charleston, SC	4337	COMPOSITE	(.060) (lu)(A)	285 U	A

Certified Products-By Product Type

			<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Transparent Glass</i>							
8-16+mm Berkowitz, J.E.	Pedricktown, NJ		3750	COMP+CAN	(.030) (b)(A)	100 U	A
8-12mm Cardinal LG	Ocala, FL		4362	COMPOSITE	(.035) (ip)(A)	285 U	A
8-12mm Cardinal LG	Amery, WI		4351	COMP+CAN	(.035) (ip)(A)	150 U	A
8-12mm Cardinal LG	Ocala, FL		3510	COMPOSITE	(.030) (b)(A)	285 U	A
8-12mm Cardinal LG	Amery, WI		2462	COMP+CAN	(.030) (b)(A)	150 U	A
8-12mm Cardinal LG Northeast	Jessup, PA		5225	COMP+CAN	(.030) (b)(A)	400 U	A
8mm Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China		4363	COMP+CAN	(.090) (b)(A)	750 U	A
8-16+mm Consolidated Armor Products, LLC	Addison, TX		5419	COMP+CAN	(.030) (b)(A)	175 U	A
8-12mm Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China		4167	COMP+CAN	(.030) (b)(A)	125 U	A
8-12mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China		4123	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Flat Glass Group Co., Ltd.	Jiaxing, Zhejiang		5526	COMPOSITE	(.030) (b)	125 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC		4414	COMPOSITE	(.035) (ip)(A)	285 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC		4376	COMPOSITE	(.030) (b)(A)	285 U	A
8-12mm GlassFab Tempering Services, Inc.	Tracy, CA		4899	COMPOSITE	(.030) (b)(A)	125 U	A
8mm Global Security Glazing	Selma, AL		5749	COMP+CAN	(.150) (b)(A)	285 U	A
8mm Guardian Industries Corp.	Galax, VA		4658	COMP+CAN	(.030) (b)(A)	285 U	A
8-10mm Guardian Industries Corp.	Galax, VA		4829	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
8mm Gulf Glass Industries, LLC	Sharjah, United Arab Emirates		4799	COMPOSITE	(.030) (b)(A)	100 U	A
8mm Insulite Glass Co., Inc.	Olathe, KS		3720	COMPOSITE	(.060) (b)(A)	150 U	A
8-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China		4312	COMP+CAN	(.030) (b)(A)	125 U	A
8-12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA		2748	COMPOSITE	(.090) (ip)(A)	100 U	A
8 & 12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA		2715	COMPOSITE	(.060) (b)(A)	100 U	A
8mm McGrory Glass	Paulsboro, NJ		5262	COMPOSITE	(.045) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH		4446	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH		4444	COMP+CAN	(.035) (ip)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA		4461	COMP+CAN	(.060) (ip)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Denver, CO		4454	COMP+CAN	(.030) (b)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Tampa, FL		4449	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA		4563	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Langley, BC		4476	COMP+CAN	(.030) (b)(A)	750 U	B
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA		4460	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Denver, CO		4456	COMP+CAN	(.035) (ip)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Schofield, WI		4558	COMP+CAN	(.030) (b)(A)	600 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO		4527	COMP+CAN	(.030) (b)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO		4529	COMP+CAN	(.035) (ip)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC		4433	COMP+CAN	(.035) (ip)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC		4435	COMP+CAN	(.030) (b)(A)	100 U	A

Certified Products-By Product Type

			<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
(H) Laminated Transparent Glass							
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4398	COMP+CAN	(.030) (b)(A)	285 U	A	
8-16+mm Oldcastle BuildingEnvelope®	Houston, TX	4402	COMP+CAN	(.030) (b)(A)	175 U	A	
8-16+mm Oldcastle BuildingEnvelope®	Hauppauge, NY	4618	COMP+CAN	(.030) (b)(A)	400 U	A	
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4399	COMP+CAN	(.035) (ip)(A)	285 U	A	
8, 12-16+mm Oldcastle BuildingEnvelope®	Hauppauge, NY	5355	COMP+CAN	(.035) (ip)(A)	400 U	A	
8-12mm Pennsylvania Insulating Glass	Lewistown, PA	3919	COMPOSITE	(.030) (b)(A)	100 U	A	
8-12mm PGT Industries	Nokomis, FL	3482	COMPOSITE	(.090) (ip)(A)	285 U	A	
8-12mm PGT Industries	Nokomis, FL	2426	COMPOSITE	(.060) (b)(A)	285 U	A	
8mm Phoenicia Flat Glass Industries	Nazaret, Ilit Israel	5629	COMPOSITE	(.030) (b)(A)	100 U	A	
8-16+mm Prelco Inc.	Riviere-du-loup, QC	4906	COMP+CAN	(.030) (b)(A)	800 U	A	
8mm Pulp Studio Inc.	Los Angeles, CA	5741	COMPOSITE	(.030) (b)(A)	250 U	A	
8-16+mm Ready Glass & Mirror, Inc.	Hialeah, FL	5634	COMPOSITE	(.035) (ip)(A)	285 U	A	
8-16mm Rizhao Huaye Glass Co., Ltd.	Rizhao, Shandong	5581	COMP+CAN	(.015) (b)(A)	285 U	B	
8-16+mm SAAND Rexdale	Rexdale, ON	5002	COMP+CAN	(.030) (b)(A)	400 U	A	
8-10mm SAGE Electrochromics Inc.	Faribault, MN	5655	COMP+CAN	(.060) (b)(A)	150 U	A	
8mm Shanghai SYP Building Glass	Shanghai, China	4353	COMPOSITE	(.030) (b)(A)	125 U	A	
8-16+mm Shanghai SYP Building Glass	Shanghai, China	4807	COMPOSITE	(.035) (ip)(A)	125 U	A	
8-12mm Tacoma Glass Mfg. Inc.	Lakewood, WA	4735	COMPOSITE	(.030) (b)(A)	195 U	A	
8-16+mm Tecnoglass S.A.	Barranquilla, Colombia	4003	COMP+CAN	(.030) (b)(A)	285 U	A	
8mm Thermo BSL	Riviere-du-loup, QC	5673	COMP+CAN	(.015) (b)(A)	800 U	A	
8mm Thompson I.G. LLC.	Fenton, MI	5302	COMP+CAN	(.060) (b)(A)	100 U	A	
8mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4030	COMPOSITE	(.030) (b)(A)	100 U	A	
8-16+mm Tianjin SYP Engineering Glass	Tianjin, China	4084	COMP+CAN	(.030) (b)(A)	125 U	B	
8mm Triview Glass Industries	City of Industry, CA	5048	COMP+CAN	(.060) (b)(A)	250 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	5783	COMPOSITE	(.030) (b)(A)	175 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	5728	COMPOSITE	(.035) (ip)(A)	175 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Orlando, FL	5484	COMPOSITE	(.030) (b)(A)	285 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Vaughan, ON	5632	COMP+CAN	(.030) (b)(A)	450 U	A	
8-16+mm Trulite Glass and Aluminum Solutions	Youngsville, NC	5516	COMPOSITE	(.030) (b)(A)	165 U	A	
8mm Trulite Glass and Aluminum Solutions	Grenada, MS	4755	COMPOSITE	(.060) (b)(A)	175 U	A	
8-16+mm Viracon Inc.	Owatonna, MN	4249	COMP+CAN	(.030) (b)(A)	150 U	A	
8-16+mm Viracon Inc.	Statesboro, GA	4779	COMP+CAN	(.030) (b)(A)	165 U	A	
8mm Viwinco, Inc.	Morgantown, PA	3408	COMPOSITE	(.090) (b)(A)	100 U	A	
8mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5257	COMPOSITE	(.030) (b)(A)	125 U	A	
8-16+mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5539	COMP+CAN	(.030) (b)	195 U	A	
8-16+mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3489	COMP+CAN	(.030) (b)(A)	125 U	A	
(H) Laminated Transparent Glass							
10-16+mm Downey Glass Industries, LLC	Pompano Beach, FL	5122	COMPOSITE	(.035) (ip)(A)	285 U	A	
10-12mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4430	COMPOSITE	(.030) (b)(A)	285 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Transparent Glass</i>						
10mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5118	COMPOSITE	(.030) (b)(A)	285 U	A
10-16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3947	COMP+CAN	(.030) (b)(A)	125 U	A
10-12mm Insulite Glass Co., Inc.	Olathe, KS	5513	COMPOSITE	(.030) (b)(A)	150 U	A
10-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4575	COMP+CAN	(.060) (ip)(A)	125 U	A
10mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2716	COMPOSITE	(.030) (b)(A)	100 U	A
10mm Louisville Plate Glass Company	Louisville, KY	5093	COMPOSITE	(.060) (lu)(A)(6)	165 U	A
10-12mm McGrory Glass	Paulsboro, NJ	5263	COMPOSITE	(.030) (b)(A)	100 U	A
10-12mm Nashville Tempered Glass LLC	Hendersonville, TN	5230	COMP+CAN	(.030) (b)(A)	285 U	A
10-12mm Oldcastle BuildingEnvelope®	Covington, GA	4393	COMP+CAN	(.035) (ip)(A)	165 U	A
10-16+mm Oldcastle BuildingEnvelope®	Covington, GA	4392	COMP+CAN	(.030) (b)(A)	165 U	A
10-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4561	COMP+CAN	(.035) (ip)(A)	125 U	A
8-12mm Protective Insulating Glass	New Braunfels, TX	5236	COMPOSITE	(.030) (b)(A)	175 U	A
10-12mm Pulp Studio Inc.	Los Angeles, CA	4711	COMPOSITE	(.030) (b)(A)	250 U	A
10-16+mm Shanghai SYP Building Glass	Shanghai, China	2780	COMPOSITE	(.015) (b)(A)	125 U	B
10-16+mm Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, GuangDong	5440	COMPOSITE	(.030) (b)(A)	285 U	A
10mm Thermo BSL	Riviere-du-loup, QC	5674	COMP+CAN	(.090) (ip)(A)	800 U	A
10-12mm Thompson I.G. LLC.	Fenton, MI	5301	COMP+CAN	(.030) (b)(A)	100 U	A
10mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4106	COMPOSITE	(.045) (b)(A)	100 U	A
10-12mm Tri-Star Glass, Inc.	Tulsa, OK	4411	COMPOSITE	(.030) (b)(A)	175 U	A
10-16+mm Trulite Glass and Aluminum Solutions	Grenada, MS	4744	COMPOSITE	(.030) (b)(A)	175 U	A
10-12mm Trulite Glass and Aluminum Solutions	Orlando, FL	5485	COMPOSITE	(.035) (ip)(A)	285 U	A
10-12mm Trulite Glass and Aluminum Solutions	Houston, TX	4667	COMPOSITE	(.030) (b)(A)	175 U	A
10mm Vetreria F. Illi Paci	Seregno MB Italy	5520	COMPOSITE	(.030) (b)	285 U	A
10mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	5056	COMPOSITE	(.030) (b)(A)	175 U	A
10mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5258	COMPOSITE	(.035) (ip)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
12+mm AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4886	COMP+CAN	(.030) (b)(A)	450 U	A
12mm Al Ghussun Bldg. Metallic Const. Factory LLC	Sharjah, UAE	5612	COMPOSITE	(.060) (b)(A)	285 U	A
12mm Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4789	COMPOSITE	(.090) (lu)(A)(6)	285 U	A
12-16+mm Alumana Industries	Doha, Qatar	5424	COMPOSITE	(.060) (b)(A)	285 U	A
12-16+mm Beijing Wuhua Tianbao Glass Co.	Beijing, China	5664	COMPOSITE	(.045) (b)(A)	125 U	A
12mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5169	COMPOSITE	(.030) (b)(A)	200 U	A
12mm Cristec Vipla SL	Balaguer, Lleida	5699	COMPOSITE	(.015) (b)(A)	0 U	A
12mm Dolphin Glass Specialists, LLC	Hialeah, FL	4729	COMPOSITE	(.030) (b)(A)	285 U	A
12mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5117	COMPOSITE	(.060) (b)(A)	285 U	A
12-16+mm Galaxy Glass & Stone	Fairfield, NJ	3661	COMPOSITE	(.060) (lu)(A)(6)	100 U	A
12-16+mm Glass and Mirror Craft	Wixom, MI	4924	COMP+CAN	(.035) (ip)(A)	150 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Transparent Glass</i>						
12mm Global Security Glazing	Selma, AL	4770	COMP+CAN	(.060) (b)(A)	285 U	A
12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2719	COMPOSITE	(.090) (b)(A)	100 U	A
12, 20mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5413	COMPOSITE	(.035) (ip)(A)	285 U	A
12, 20mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5412	COMPOSITE	(.030) (b)(A)	285 U	A
12mm Nashville Tempered Glass LLC	Hendersonville, TN	5231	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm Oldcastle BuildingEnvelope®	Tampa, FL	5051	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm Oldcastle BuildingEnvelope®	Houston, TX	4401	COMP+CAN	(.090) (ip)(A)	175 U	A
12mm PRL Glass Systems	City of Industry, CA	5605	COMPOSITE	(.030) (b)(A)	125 U	A
12mm SAGE Electrochromics Inc.	Faribault, MN	5660	COMP+CAN	(.030) (b)(A)	150 U	A
12mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3893	COMP+CAN	(.030) (b)(A)	750 U	A
12-16+mm TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5176	COMP+CAN	(.015) (b)(A)	750 U	B
12-16+mm The Glass Guild Ltd.	Calgary, Alberta	5619	COMP+CAN	(.015) (ev)(A)	750 U	A
12mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4107	COMPOSITE	(.060) (b)(A)	100 U	A
12mm TVITEC	Cubillo del Sil, Spain	5519	COMPOSITE	(.070) (ip)(A)	285 U	A
12mm Viracon Inc.	Statesboro, GA	4784	COMP+CAN	(.090) (ip)(A)	165 U	A
12-16+mm Viracon Inc.	Owatonna, MN	4250	COMP+CAN	(.060) (ip)(A)	150 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5194	COMPOSITE	(.035) (ip)(A)	100 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5383	COMPOSITE	(.030) (ev)(6)(A)	100 U	A
<i>(H) Laminated Transparent Glass</i>						
16+mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4124	COMP+CAN	(.030) (b)(A)	285 U	A
16+mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5232	COMPOSITE	(.030) (b)(A)	285 U	A
16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4723	COMPOSITE	(.060) (ip)(A)	125 U	B
16+mm Hartung Glass Industries Lami	Langley, BC Canada	4431	COMPOSITE	(.070) (ip)(A)	750 U	A
16+mm Pulp Studio Inc.	Los Angeles, CA	5742	COMPOSITE	(.030) (b)(A)	250 U	A
16+mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4108	COMPOSITE	(.090) (b)(A)	100 U	A
<i>(H) Laminated Transparent Glass</i>						
18+mm Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5223	COMPOSITE	(.060) (ip)(A)	175 U	B
<i>(H) Laminated Transparent Glass</i>						
20+mm Beijing Wuhua Tianbao Glass Co.	Beijing, China	5663	COMPOSITE	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
23+mm Sanshiba	Takaoka, Toyama	5512	ANSI ONLY	(.060)x2 (ip)(A)	250 U	A
<i>(H) Laminated Transparent Glass</i>						
25+mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5170	COMPOSITE	(.060) (b)(A)	200 U	A
<u>Laminated Specialty Product</u>						
<i>(H) Laminated Specialty Product</i>						
8-12mm SAGE Electrochromics Inc.	Faribault, MN	5016	COMP+CAN	(.035) (ip)(A)	150 U	A
<u>Laminated Patterned Glass</u>						
<i>(H) Laminated Patterned Glass</i>						
8-10mm PGT Industries	Nokomis, FL	4801	COMPOSITE	(.060) (s)(b)(A)	285 U	A
8-10mm PGT Industries	Nokomis, FL	4812	COMPOSITE	(.090) (s)(ip)(A)	285 U	A

**SGCC® APPROVED TESTING LABORATORIES APPROVED FOR TESTING IN
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100 – Intertek/ATI 130 Derry Court York, PA 17406 Attn: Todd Wilt or Julie Shilke Phone: (717) 764-7700 Fax: (717) 764-4129 Email: twilt@archtest.com or jshilke@archtest.com	125 – Intertek/ATI 2524 East Jensen Ave. Fresno, CA 93706 Attn: Kenny White Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kwhite@archtest.com	150 – Intertek/ATI 849 Western Ave. North St. Paul, MN 55117-5345 Attn: Mr. Dan Johnson or Zane Wybest Phone: (651) 636-3835 Fax: (651) 636-3843 Email: djohnson@archtest.com Email: zwybest@archtest.com
165 – Intertek/ATI 1701 Westfork Dr. Suite 106 Lithia Springs, GA 30122 Attn: Ian McKenzie, Jacques Johnson or Julie Beamish Phone: (770) 941-6916 Fax: (770) 941-2930 Email: imckenzie@archtest.com jrjohnson@archtest.com; jbeamish@archtest.com	175 – Intertek/ATI 1909 10 th St Suite 100 Plano, TX 75074 Attn: Mr. Al Kipp or Chris Longoria Phone: (469) 814-0687 Fax: (717) 764-4129 Email: akipp@archtest.com or clongoria@archtest.com	195 – Intertek/ATI 22155 68th Ave. South Kent, WA 98032-1937 Attn: Mr. Jeff Dideon or Patricia Cain Phone: (253) 395-5656 Fax: (717) 764-4129 Email: jdideon@archtest.com, PCain@archtest.com
200 - Bowser-Morner Inc. 4518 Taylorsville Road Dayton, OH 45424 Attn: Vicki Appora Phone: (937) 236-8805 Fax: (937) 237-9947 Email: vappora@bowser-morner.com	250 - Construction Consulting Laboratory West 4751 W. State St. Suite B Ontario, CA 91762 Attn: Mr. Jack Jackson or Scott Shepard Phone: (909) 591-1789 Fax: (909) 627-9020 Email: Jack@ccl-west.com or scott@ccl-west.com	285- Fenestration Testing Laboratory 8148 N.W. 74th Ave. Medley, FL 33166 Attn: Mr. Manny Sanchez Phone: (305) 885-3328 Fax: (305) 885-3329 Email: manny@ftl-inc.com
400 - Intertek 75 Clinton Avenue Cortland, NY 13045-0950 Attn: Justin Morgan or James Diescher Phone: (607) 753-6711 Fax: (607) 758-6503 Email: justin.morgan@intertek.com or james.diescher@intertek.com	450 - Intertek 1829 32nd Avenue Lachine, QC Canada HBT 3J1 Attn: Claude Pelland Phone: (514) 631-3100 x 277 Fax: (514) 631-1133 Email: claud.pelland@intertek.com	500 - Element Materials Technology 3922 Delaware Avenue Des Moines, IA 50313 Attn: Adam Scarlett or Brian Escherich Phone: (515) 266-5101 Fax: (515) 262-1910 Email: adam.scarlett@element.com or brian.escherich@element.com
600 - Element Materials Technology 115 S. 84th Ave. Wausau, WI 54401-8434 Attn: Mr. Gary Norenberg Phone: (715) 848-3935 Fax: (715) 848-0837 Email: Gary.norenberg@element.com	750 - NCTL Northwest 3310 Hill Avenue Everett, WA 98201 Attn: Chris Shafer Phone: (425) 259-6799 Fax: (425) 259-4936 Email: cshafer@nctlinc.com	800 - NCTL 5 Leigh Dr. York, PA 17406 Attn: Amy Becker Phone: (717) 846-1200 Fax: (717) 767-4100 Email: abecker@nctlinc.com

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.

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