

July 1, 2012

# Safety Glazing Certification Council Certified Products Directory (CPD)

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

"American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2009"

Copies of ANSI Z97.1-2009 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://webstore.ansi.org>

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"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](http://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 [www.sgcc.org/compliance](http://www.sgcc.org/compliance)**

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Additional copies of this publication may be obtained by contacting the SGCC® office.

PO Box 730  
100 W. Main St.  
Sackets Harbor, NY 13685  
Phone: (315) 646-2234 Fax (315) 646-2297  
[staff@amscert.com](mailto:staff@amscert.com)

Visit our website @ [www.sgcc.org](http://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®.

**~ TABLE OF CONTENTS ~**

	<b>PAGE</b>
SGCC Meeting Announcement .....	Inside front Cover
CPSC 16 CFR 1201 .....	1
ANSI Z97.1-2009 .....	1
CPSC 16 CFR 1201 .....	1
Meetings of the Certification Committee .....	3
Roster .....	3
Program Concept .....	9
Procedural Guide .....	10
Certification Guidelines and Interpretations .....	15
SGCC® Advertising Requirements .....	26
SGCC® Label Requirements .....	27
CPSC Act Labeling Requirements .....	28
Classified Tempered Glass Patterns .....	29
Certified Products (Numerical Sequence) .....	30
Certified Products (Alphabetically By Plant ) .....	41
Certified Products Key .....	60
Certified Products (By Product Type) .....	61
SGCC® Approved Laboratories .....	98

July 1, 2012

**~ 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®).

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®.

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

**~ ADMINISTRATION ~**

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Administrative Staff: John G. Kent, Administrative Manager  
Brandy L. Redder, Administrative Assistant

**~ ROSTER ~**

**~ SGCC® BOARD OF DIRECTORS ~**  
**~ SGCC® OFFICERS ~**

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July 1, 2012

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~ 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:

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July 1, 2012

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
A Plus Glass Services	Yanill Lopez		
Addis Glass	Kevin Addis		
AGC Flat Glass North America	Mark Cody	Jon Hughes	
AGP, LLC	Manny Valladares		
AI Abbar Architectural Glass	Jean Lelievre		
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
Alyusuf Thermo Glass W.L.L.	Santhosh Anand		
American Shower Door	Tom Hori		
Amsco Windows	Joe Jonely		
Anlin Industries	Andy Peterson		
Anthony International	Matt Rolek	Don Sokol	
Architectural Glass Products, LLC	Sharon Gambill		
Arlene Stained Glass & Door	Son Nguyen		
AVIC Sanxin Co. Ltd.	Wang Jinlin		
Beijing Northglass Safety Glass Co. Ltd.	XueMing Gao		
Bendheim Wall Systems	Robert Jayson		
Berkowitz, J.E.	Jim Stinsman		
Bestroom Co., Ltd.	Kwang Seok Lee		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Bernie Herron	Bob Spindler	Oak Moser
Cardinal Solar Technologies	Kirk Jewell		
Cardinal Tempering	Greg Abrams		
Catalina Tempering Ohio	Todd French		
Changshu Hard Glass Co., Ltd.	Zinger Yu		
Changshu Lier Building Materials Co. Ltd.	Wang Xuefeng		
Changshu Xingfu Glass Building Material Co., LTD	Zhong Chun		
Changshu Zhongxin Bldg. Mat. Co.	Denise Lu		
Chicago Tempered Glass, Inc.	Adam Kaczynski		
Cleer Vision Tempered Glass	Joseph Santelli		
Coastal Glass Distributors Inc.	Jeromy Richey		
Commercial Insulating Glass Co.	Jeff Winsler		
Consolidated Glass Corp.	Carl Carmen	Louis Merryman	
Contour Industries, Inc.	Lee Mulkey	David Tomlinson	
Contractors Wardrobe	Jack Violante		
Coral Industries	Patrick Conner		
Cuda Glass & Metals	Larry Abramowski		
Custom Glass Designs	Matt Koski		
Custom Glass Products, Inc.	Eric Reeder		
D3 Glass, LLC	Doug Daubmann		
Dalian Huaying Glass Products Co., Ltd.	Becky Feng		
Dallas Flat Glass Distributors, Inc.	Linda Jo Holman		
Denver Glass Interiors, Inc.	David Uhey		
Deqing Sanxing Plastic Chemical Co. Ltd.	Yang Min		
Diamond Sea Glaze	Mark Chesley		
Dillmeier Enterprise, Inc.	Cody Tran		
Dlubak Corporation	David Bazzano		
Dolphin Glass Specialists, LLC	Jose Prieto		
Dong Sung Glass Korea, Co., Ltd.	Mike Cho		
Dongguan CSG Architectural Glass Co., Ltd.	Yu GuangHui		
Dongguan Dongfa Glass Product Co., Ltd	Shenwen Li		
Downey Glass Industries, LLC	Hugh Higgins		

July 1, 2012

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Efco Corp.	Mark Crane		
Engineered Glass Products, L.L.C.	Goran Radojevich		
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Thomas Cruz		
Foshan Jinyaochang Tempered Glass Company Limi	Li Jinhao		
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Zhiming Zeng		
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	
Glass Design of Miami, Inc.	Ernesto Garcia		
Glass Dynamics, Inc.	Conrad Lankford		
Glass Enterprises, Inc.	Joshua Burg		
Glasser SA de CV	Elliot Luna		
Glaz-Tech Industries	Bill Folino		
Glenny Glass Co.	Braxton Smith		
Global Security Glazing	Mark Johnson		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Guangdong Golden Glass Technologies Limited	Wu Congzhen		
Guardian Fabrication, Inc.	Kevin B. Olah	Melissa Matyniak	Carrie Karasiewicz
Guardian Industries Corp.	Kevin B. Olah	Melissa Matyniak	Carrie Karasiewicz
Hangzhou Zhongtian Glass Co. Ltd.	Lin Sou		
Hartung Glass Industries Lami	Bruce Butler		
Industrial Tempering Glass	Alexander Weinberger		
Insulated Glass of America	Derek Spears		
Insulite Glass Co., Inc.	Larry Vasholz		
Insulpane Inc.	Bill Seamon		
Integral Seal Mfg. Inc.	Ben Nayot		
Intex Glass (Xiamen) Co., Ltd.	Chris Snyder		
Intigral	Mark Hutchinson		
Jiaxing B&C Corporation	Mr. Chuanping Zhang		
JYC Glass Co. Ltd.	Li Xiang Sheng		
Kohler Company	Matt Wright	Doug Glisson	Buddy Thompson
M/M Tempering Inc.	Joseph L. Stevens		
Maryland Glass & Mirror	Matthew Dalbke		
Mega Tempering	Ioannis Mariollis		
Mercer Glass Fab LLC	Thomas Wenczel		
Milgard Tempering	Steve Woods	Eric Yarbrough	
MLC Windows & Glass	Michele Lochirco		
Multiver	Edgar Cormier	Chantel Theriault	
Nashville Tempered Glass Corp.	Dan Haney	Richard Paschel	
New Angle Beveling	Marc Martell		
Northwest Glass	Bill Pollack		
Oldcastle BuildingEnvelope™	Rick Wright	Robert Williams	
Patio Enclosures	Jack Garforth	Craig Cox	
Pennsylvania Insulating Glass	Tim Wilkins		
Perficom, S.A. de C.V.	Enrique Presa		
PFG Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
PPG Inds., Inc.	Paul W. Bush	Wayne Boor	Kevin Ramus

July 1, 2012

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Prelco, Inc.	Stephane Mercier		
Productos De Valor Agregado	Jaime Guzman Salazar		
PT Abebersa Pratama	Mahud Malim		
Pulp Studio Inc.	Bernard Lax		
Qinhuangdao Detai Tempered Glass Co., Ltd.	Yijing Wang		
Qinhuangdao High-Tech Energy-Saving Dorwin Co L	Lang Xiao Yan		
Qinhuangdao Jixiang Glass Industry	Jixiang Liu		
Qinhuangdao Kunping Safety Glass Co. Ltd.	Zhao Ping-Wang		
QinHuangDao Tianrui Tempered Technology Glass	Zhu YanJun	Cheng Yi Bin	
Quaker Window Products, Inc.	Curtis Weavers		
Quality Glass & Mirror, Inc.	Tom Markowski		
Quality Glass and Mirror Service, Inc.	Jason Hoover		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Glass	Hamed Hussein		
RF Supply, Inc.	Mike Hoelle		
Richwood Company, Inc.	Han Tung		
Saint Gobain Mexico, S.A. de C.V.	Sandino Estrada		
Saint-Gobain SOVIS	Jean-Francois Royan		
SCHOTT Gemtron - Sweetwater	Bill Long	Jack Francis	
SCHOTT Gemtron (Canada) Corporation	Bill Bartlett		
Shanghai Yaohua Pilkington Glass Co. Shanghai SY	Dr. Sun Dahai		
Shaw Glass Co.	Frederic P. Shaw	Eric Shaw	Brian Shaw
Shenzhen Jiayeda Glass Processing Co., LTD	Wong Wah Sang		
SIGCO, Inc.	David A. McElhinny		
Simonton Windows	Kevin Baker	Chuck Andersen	
Soladigm	Joe Crouson		
Southwest Glass Products Inc.	Laverne Sinden		
Spec-Temp, Inc.	T. Copsey		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Company	John Dwyer		
Tacoma Glass Mfg. Inc.	Steve Wood		
Tai Shan City Da Heng Art Glass Ltd.	Liu Woxian		
Taiwan Glass Industry Corporation	Peter Chen		
Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.	Christian Daes		
The Original Frameless Shower Door	John Serino		
Thermo BSL	Lucie Losier-Dube		
Thermoseal Industries, LLC	Richard Chubb		
Tianjin CSG Architectural Glass Co., LTD.	Zaida Liu		
TianJin Dong Sung Home Building Materials Co. Ltd.	Sang Kuy Lee		
Traco (Three Rivers Alum)	Dale Pittman		
Triple Seal Ltd.	Steve Callahan		
Tristar Glass Inc.	Tim Kelley		
Troy Systems LLC	Ali Guney		
Trulite Glass & Aluminum Solutions	Phil Danielson		
United Plate Glass Co., Inc.	Darin Vietmeier		
United Plate Glass Company of Charlotte	Matt Anderson		
Vetzeria Valentini S.R.L.	Claudio Valentini		
Vidrios El Castillo SC de RL de CV	Carlos Benet Trad		
Vidrios Marte SA de CV	Hugo Hernandez		
Viracon, Inc.	Brian Louks	Don Boutelle	

July 1, 2012

*SGCC Certification Committee*

<b>Licensee</b>	<b>Primary Member</b>	<b>First Alternate</b>	<b>Second Alternate</b>
Virginia Glass Products Corp.	Benjamin Beeler	W. Chris Beeler	
Vitra Vidrios Transformados SA de CV	Miguel Larach		
Vitraform, Inc.	Jerry Fein		
Viwinco, Inc.	Michael Duncan		
W.A. Wilson	Robert Hartong		
White Aluminum Enterprises LLC	Jabr Doshan		
Wholesale Glass Dist.	Kevin Boudreaux		
WSD Glass, Inc.	Gary Reece		
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	Janette Huang		
Yao Xiang Glass Product Co. Ltd.	Mai Yao Dong		
Yitian (Cattis) Glass Product Co., Ltd	Xiaojun Zheng		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xuxiang Dong		

**Certification Committee Chairman - Mark Cody**

**Member by virtue of being a director**

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



July 1, 2012

**~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.

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

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2009.

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

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 routine or unannounced 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.

Both ANSI Z97.1 and 16 CFR 1201 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.

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.

**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.

**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 (including notarization of the Affidavit, Appendix A) 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.
- c) The applicant sends to SGCC® the six-month certification fee for each item to be certified. This fee must be submitted within six months of completion of item (b). Failure to do so will result in the need to resubmit item (b). (Revised 10/22/93)
- 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 10/12/06)

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 and CPSC 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 and CPSC 16 CFR 1201 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 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 unannounced visits to the manufacturing plant or from the market place.

## **COMPLIANCE SAFEGUARDS**

### **HOW IS COMPLIANCE ASSURED**

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable specification(s), is subject to the removal of certification. The licensee is given 30 days in which to demonstrate to the satisfaction of the Administrator compliance, and if not certification is automatically withdrawn at the end of the 30-day period.

### **CHALLENGING A CERTIFIED PRODUCT**

Complaints of non-compliance, from any source, will be investigated promptly by SGCC® upon receipt of a written complaint and surety deposit. A minimum surety deposit of \$1,000 will be required for each complaint of non-compliance. The surety deposit will be assessed at the rate of \$350 per man-day plus the reasonable cost of travel and the maintenance entailed in resolving such incidents. Refunds of part or all of the surety deposit will be made when applicable. All costs involved will be paid from the complainant's surety deposit, unless the investigation proves non-compliance, in which case all costs will be borne by the licensee found to be in non-compliance.

### **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/CONTINGENCY 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

No testing is necessary during the initial six-month period if prototype testing took place within 30 days of initial certification. Normal inspection may take place during this initial period, however.

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.

July 1, 2012

## **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 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 4/19/04)

#### **G.3 (ANSI ONLY)**

Paragraph (1) Section 5.1.4 of ANSI Z97.1-2009 is intended to apply to laminated, wired, and organic coated glass only. Paragraph (2) is intended to apply to tempered glass only. Paragraph (3) is intended to apply to plastics only. Paragraph (4) is intended to apply to any safety glazing material. Paragraph (5) is intended to apply to plastics. Paragraph (6) is intended to apply to laminated and organic coated glass. (Revised 10/21/05)

#### **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 3/16/90)
- b) The laboratory shall verify that the label complies with SGCC® labeling requirements. (revised 10/15/08)
- 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 2006 (F06) certification period, the SGCC® permanent label must contain ANSI Z97.1-2009 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 10/21/05)

July 1, 2012

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 4/29/10)

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 4/29/10)

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

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

- a) Written notice and an invoice shall be sent to the licensee by the Administrator stating that within 30 days from the date of such notice the licensee must submit a retest 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) Within three months the Administrator shall obtain an additional random sample for evaluation (in addition to the routine evaluation sample obtained twice a year). The Administrator shall be certain that this additional sample is of recent production.
- c) At the option of the Administrator, specimens submitted under (a) above shall be either prototype size and pattern or identical to those previously sampled and of recent production.
- d) Certification shall be removed if the additional random sample obtained in (b) above fails to comply with the specifications.
- e) All costs related to G.11 are to be borne by the licensee.
- f) 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 5/6/99)



July 1, 2012

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 10/20/89)

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

In the situation where a licensee desires to re-certify a product that previously had certification removed because of failure to comply with the specifications (label and thickness tolerances excepted), the product shall be routinely sampled four times during the first year. The licensee shall pay the costs involved.

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 4/19/04)

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 10/28/99)

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 10/20/89)

G.20 (Deleted 4/26/07)

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.

July 1, 2012

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 and/or 16 CFR 1201 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.
- 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 10/25/01)
- 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.

July 1, 2012

G.25 (ANSI ONLY)

Effective with the first of 2011 (F11) certification period, SGCC® shall only offer certification to ANSI Z97.1-2009. (Revised 4/29/10)

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, ANSI, or both (Composite). 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 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 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 10/28/99)

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, c, and e of G.11 shall be followed.

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 10/15/08)

G. 30

(Deleted 10/5/04)

G.31

(Deleted 10/5/04)

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 4/26/07)

## 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 10/22/93)

### 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 04/02/92)

### 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 two types. ANSI Z97.1 and 16 CFR 1201 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.

### 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 10/21/05)

### 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 10/01/02)

**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 4/26/07)

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

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

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

New or unlisted patterns must be submitted to the pattern subcommittee for classification and file prior to certification. After measurement, the new pattern will be assigned to a patterned depth class.

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 10/5/04)

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 <http://www.sgcc.org/forms.cfm>) 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](http://www.sgcc.org)) (Added 4/2/08)

### 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 4/2/08)

### 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 4/2/08)

### L.4

When a laminated glass is certified, other laminated glasses having a greater thickness of interlayer will be included in the certification. (Revised 4/2/08)

### L.5

Laminated safety glass need not be identified by type of base glass.

### L.6

Thickness of the interlayer shall be measured by the SGCC® standard method. (Revised 4/2/08)

### L.7

For certification purposes, the following thickness tolerances shall be used. Thickness tolerance shall apply only to the overall thickness. The plus tolerance shall be the sum of all the individual plus tolerances of each layer of the laminate. The minus tolerance shall be the sum of all of the individual minus tolerances of each layer of the laminate. 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 10/15/08)

### L.8

When a laminated annealed glass is certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened or tempered glass and the same or greater thickness of interlayer of the same generic category will be considered to be included in the certification. (Revised 4/2/08)

### 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 4/2/08)

### L.10

For certification to ANSI Z97.1, weathering tests (unless for indoor use only) 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 1/30/12)

July 1, 2012

L.11

An SGCC® certified participant may use any interlayer supplier on the SGCC® Accepted interlayer List of the same generic category. (Added 4/2/08)

**SGCC List of Accepted Interlayers  
(as of 7/27/12)**

Generic Code		Description			Generic Code		Description					
(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					
Generic Class	(b)	(b)	(b)	(b)	(b)	(ip)	(b)	(lu)	(lu)	(ev)	(el)(p)	(b)
Supplier	Solutia	Solutia	Solutia	DuPont	DuPont	DuPont	Kuraray	Cytec	Bestroom Co. Ltd.	Interlayer Solutions Inc.	Polytronix Inc.	Sekisui S-Lec Amercia LLC
Interlayer Brand	Saflex IliG/Vanceva	Saflex Specialty	Saflex Composite	SentryGlas® Expressions™	Butacite®	SentryGlas®	Trosifol	Uvekols Liquid Resin UV cure	UVLAM	Bridgestone EVASafe	Polyvision Film	Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film
Interlayer Formulations	Series A,C, D,F, H, M, N, P, R, S, &W Solutia report dated 08/11	Saflex Q series Saflex AG Saflex DB/DS Solutia report dated 8/11	Saflex V series Saflex K series Solutia report dated 8/11		50-56 551-553		BG, AF, SC, VG, XT90, Solar R40, HR100	.040	.040		.075	.030
Weathering Data	Solutia report dated 08/11	Solutia report dated 08/11	Solutia report dated 08/11	DuPont report dated 3/11	DuPont report dated 3/11	DuPont report dated 3/11	Kuraray report dated 4/21/08 & 5/20/08	Cytec Report 12/3/08	Bestroom Laboratory Report 1/17/11 to ANSI Z97.1-2009	ATI Report 5/28/09 88275.02 -122-37	INDOOR USE ONLY - No weathering data	

**WIRED GLASS (ANSI ONLY)**

W.1

Certification of one polished wired glass may be applied to other polished wired glasses provided:

- a) The glass thickness of the candidate glass is nominally equal to the thickness of the glass that is certified.
- b) The wire diameter of the candidate glass is at least as great as the wire diameter in the glass that is certified.
- c) The spacing of the wires in the candidate glass is no greater than the spacing of the wires in the glass that is certified.
- d) SGCC® has been presented with a test report indicating compliance of the candidate glass with the impact test requirements of ANSI Z97.1

After admission under the blanket certification covering wired glasses, all wired glasses so certified must be exposed to random sampling at each examination although only one will probably be selected for testing.

## **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 4/26/07)

LG.2 (Deleted 4/26/07)

LG.3 (Deleted 4/26/07)

**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 10/22/93). 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.

July 1, 2012

## 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 or both ANSI Z-97.1-2009 or 16 CFR 1201. 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.

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-97.1-2009 or 16 CFR 1201.

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 10/26/10

~SGCC® LABEL REQUIREMENTS~

**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.

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2009 and/or 16 CFR 1201 (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 10/21/05)

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 1/1/09)

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 10/17/07)

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 10/21/05)

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 10/25/01)

**EXAMPLES**

<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 Z97.1-2009	ANSI Z97.1-2009	ANSI Z97.1-2009
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 10/25/01)

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 Z97.1-2009	ANSI Z97.1-2009
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 Z97.1-2009" or the characters "ANSI Z97.1-2009."
- 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 1/1/11)

### **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 10/21/05)

## **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.

July 1, 2012

**CLASSIFIED TEMPERED GLASS PATTERNS**  
**(Number indicates SGCC Pattern ID#)**

**1/8 inch shallow**

(01) P-516 (09) Spraylite (34) Velvex (221) Gluechip Pattern  
(37) Aquatex (39) Industrex (82) Pattern 62 (86) Showerlite  
(117) Solatex (147) Solite (168) Pattern 50 (111) Illusions

**1/8 inch medium**

(04) Rattan (05) Cotswold (07) Burlap (08) Smooth Rough  
(35) Flax (52) Pattern 73 (56) Syenite (57) Pattern 299  
(NEW) Glacier (11) Flemish (167) Leaf (154) Rain

**1/8 inch deep**

(10) Autumn

**5/32 inch shallow**

(64) Spraylite (72) Velvex (75) Aquatex (183) Stippolyte (186) Oak (111) Illusions  
(118) Solatex (123) P-516 (126) Pattern 62 (128) Showerlite (148) Solite  
(176) Hammered (177) Industrex (182) Sycamore (195) Chantilly (153) Flax

**5/32 inch medium**

(61) Cotswold (63) Smooth Rough (66) Flemish (181) Taffeta (211) Niagara  
(77) Pattern 73 (155) Rain (73) Flax (222) Glacier

**5/32 inch deep**

(65) Autumn (67) Oceanic (173) Fluted (180) Warwick (184) Reeded

**3/16 inch shallow**

(50) Pattern 62 (51) P-516 (54) Showerlite (116) Heliolite (119) Solatex (122) Sunadex  
(131) Industrex (132) Velvex (133) Aquatex (140) Flax (142) Chinchilla (149) Solite  
(171) Crepe (172) Pebble (125) Spraylite (159) Model 10 (111) Illusions (220) Gluechip Pattern

**3/16 inch medium**

(143) Seashell (144) Syenite (145) Flemish (176) Rain (210) Niagara (213) Smooth Rough  
(214) Floralite (216) Privata (218) Radiance

**3/16 inch deep**

(12) Oceanic (14) Lozenge (174) Krystal Flutes (178) Flutex (179) Bamboo (222) Glacier

**210 inch shallow**

(89) Velvex (90) Muralex (91) Industrex (92) Aquatex (93) Pattern 100 (94) Pattern 6  
(95) Pattern 62 (96) Spraylite (97) Burlap (98) Factrolite (99) Satinlite (100) Luxlite  
(101) J-3 (102) P-516 (103) Smooth Rough (105) Cascade (106) Pluralite (108) Flax  
(110) Skytex (115) Chinchilla

**7/32 inch shallow**

(14) Velvex (16) Industrex (17) Aquatex (20) Pattern 62 (21) Spraylite (22) Burlap  
(24) Satinlite (27) P-516 (28) Smooth Rough (30) Cascade (44) Flax (84) Chinchilla

**7/32 inch medium**

(42) Seashell (48) Flemish (209) Niagara

**7/32 inch deep**

(29) Lizenge (53) Boardlite

**1/4 inch shallow**

(169) P-516 (197) Strata (198) Staccato (200) Matrix (203) Autumn (111) Illusions (299) Rain

**1/4 inch medium**

(175) Fluted (199) Reeded (201) Flemish (202) Everglade (208) Niagara

**1/4 inch deep**

(222) Glacier (223) Pyramid

**3/8 inch shallow**

(204) Rain (205) Stippolyte

**Note: Numbers in parenthesis represent internal coding.**

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12	Virginia Glass Products Corp.	1301	Guardian Industries Corp.	1678	Contour Industries, Inc.
14	Virginia Glass Products Corp.	1303	Guardian Industries Corp.	1680	Contour Industries, Inc.
89	AGC Flat Glass North America	1304	Guardian Industries Corp.	1683	Guardian Industries Corp.
90	AGC Flat Glass North America	1332	SCHOTT Gemtron - Sweetwater	1702	AGC Flat Glass North America
93	Virginia Glass Products Corp.	1334	SCHOTT Gemtron - Sweetwater	1703	AGC Flat Glass North America
94	Virginia Glass Products Corp.	1382	Oldcastle BuildingEnvelope™	1704	AGC Flat Glass North America
95	Virginia Glass Products Corp.	1383	Oldcastle BuildingEnvelope™	1705	AGC Flat Glass North America
131	Guardian Industries Corp.	1384	Oldcastle BuildingEnvelope™	1710	AGC Flat Glass North America
220	AGC Flat Glass North America	1403	Viracon, Inc.	1711	AGC Flat Glass North America
249	PPG Inds., Inc.	1404	Viracon, Inc.	1712	AGC Flat Glass North America
250	PPG Inds., Inc.	1405	AGC Flat Glass North America	1714	AGC Flat Glass North America
300	Guardian Webster, Inc.	1406	AGC Flat Glass North America	1754	All Team Glass & Mirror, Ltd.
382	PPG Inds., Inc.	1414	AGC Flat Glass North America	1755	All Team Glass & Mirror, Ltd.
471	Guardian Webster, Inc.	1416	Nashville Tempered Glass Corp.	1756	All Team Glass & Mirror, Ltd.
514	Oldcastle BuildingEnvelope™	1417	Nashville Tempered Glass Corp.	1757	All Team Glass & Mirror, Ltd.
515	Oldcastle BuildingEnvelope™	1422	SCHOTT Gemtron - Sweetwater	1758	All Team Glass & Mirror, Ltd.
516	Oldcastle BuildingEnvelope™	1424	SCHOTT Gemtron - Sweetwater	1784	Trulite Glass & Aluminum Solutions
520	Anthony International	1428	AGC Flat Glass North America	1785	Trulite Glass & Aluminum Solutions
587	AGC Flat Glass North America	1467	Nashville Tempered Glass Corp.	1786	Trulite Glass & Aluminum Solutions
598	AGC Flat Glass North America	1477	SCHOTT Gemtron - Sweetwater	1787	Trulite Glass & Aluminum Solutions
630	Oldcastle BuildingEnvelope™	1508	Viracon, Inc.	1788	Trulite Glass & Aluminum Solutions
631	Guardian Industries Corp.	1509	Viracon, Inc.	1790	Trulite Glass & Aluminum Solutions
662	Guardian Webster, Inc.	1518	AGC Flat Glass North America	1803	Guardian Industries Corp.
675	PPG Inds., Inc.	1520	AGC Flat Glass North America	1804	Cardinal TG
862	Trulite Glass & Aluminum Solutions	1521	AGC Flat Glass North America	1805	Cardinal TG
863	Trulite Glass & Aluminum Solutions	1522	AGC Flat Glass North America	1806	Cardinal TG
865	Trulite Glass & Aluminum Solutions	1523	AGC Flat Glass North America	1807	Cardinal TG
866	Trulite Glass & Aluminum Solutions	1536	Oldcastle BuildingEnvelope™	1826	Guardian Industries Corp.
933	Guardian Industries Corp.	1546	Oldcastle BuildingEnvelope™	1827	Cardinal IG
934	Guardian Industries Corp.	1547	Oldcastle BuildingEnvelope™	1828	Cardinal IG
935	Oldcastle BuildingEnvelope™	1548	Oldcastle BuildingEnvelope™	1829	Cardinal IG
955	AGC Flat Glass North America	1549	Oldcastle BuildingEnvelope™	1830	Cardinal IG
968	Guardian Industries Corp.	1550	Oldcastle BuildingEnvelope™	1831	Cardinal IG
969	Guardian Industries Corp.	1551	Oldcastle BuildingEnvelope™	1832	Cardinal IG
970	Guardian Industries Corp.	1555	Swift Glass Co., Inc.	1833	Cardinal IG
971	Guardian Industries Corp.	1556	Swift Glass Co., Inc.	1834	Cardinal IG
999	Anthony International	1557	Swift Glass Co., Inc.	1841	Cardinal IG
1000	Anthony International	1558	Swift Glass Co., Inc.	1842	Cardinal IG
1035	Shaw Glass Co.	1559	Swift Glass Co., Inc.	1843	Cardinal IG
1036	Shaw Glass Co.	1575	Guardian Millbury Corp.	1844	Cardinal IG
1037	Shaw Glass Co.	1576	Guardian Millbury Corp.	1845	Cardinal IG
1110	PPG Inds., Inc.	1577	Guardian Millbury Corp.	1846	Cardinal IG
1111	PPG Inds., Inc.	1603	PPG Inds., Inc.	1864	Saint-Gobain SOVIS
1112	PPG Inds., Inc.	1604	PPG Inds., Inc.	1865	Guardian Industries Corp.
1113	PPG Inds., Inc.	1605	PPG Inds., Inc.	1871	Shaw Glass Co.
1139	AGC Flat Glass North America	1606	PPG Inds., Inc.	1882	Guardian Industries Corp.
1201	SCHOTT Gemtron - Sweetwater	1607	Guardian Webster, Inc.	1889	Commercial Insulating Glass Co.
1216	Guardian Webster, Inc.	1608	Oldcastle BuildingEnvelope™	1890	Commercial Insulating Glass Co.
1230	AGC Flat Glass North America	1609	Oldcastle BuildingEnvelope™	1891	Commercial Insulating Glass Co.
1231	AGC Flat Glass North America	1630	Guardian Industries Corp.	1901	Efco Corp.
1232	AGC Flat Glass North America	1631	Guardian Industries Corp.	1902	Efco Corp.
1235	Guardian Webster, Inc.	1632	Guardian Industries Corp.	1910	Coral Industries
1248	Guardian Industries Corp.	1633	Guardian Industries Corp.	1911	Coral Industries
1249	Guardian Industries Corp.	1634	Guardian Industries Corp.	1921	Cardinal CG
1250	Guardian Industries Corp.	1635	Guardian Industries Corp.	1922	Cardinal CG
1251	Guardian Industries Corp.	1637	Viracon, Inc.	1923	Cardinal CG
1253	Guardian Industries Corp.	1677	Contour Industries, Inc.	1924	Cardinal CG

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1939	Shaw Glass Co.	2062	Oldcastle BuildingEnvelope™	2261	Guardian Industries Corp.
1957	AGC Flat Glass North America	2063	Oldcastle BuildingEnvelope™	2262	Guardian Industries Corp.
1958	AGC Flat Glass North America	2067	Cardinal CG	2267	Saint Gobain Mexico, S.A. de C.V.
1959	AGC Flat Glass North America	2068	Cardinal CG	2269	Saint Gobain Mexico, S.A. de C.V.
1964	Coral Industries	2069	Cardinal CG	2282	GGI Glass Distributors Corp.
1967	AGC Flat Glass North America	2070	Cardinal CG	2285	Cardinal IG
1979	Kohler Company	2071	Cardinal CG	2286	Cardinal IG
1980	Kohler Company	2074	Oldcastle BuildingEnvelope™	2287	Tecnoglass S.A.
1981	Kohler Company	2133	Tecnoglass S.A.	2289	Anthony International
1982	Kohler Company	2134	Tecnoglass S.A.	2293	Cardinal CG
1983	Kohler Company	2135	Tecnoglass S.A.	2294	Cardinal CG
1984	Kohler Company	2143	Efco Corp.	2295	Cardinal CG
1985	Cardinal CG	2144	Coral Industries	2296	Cardinal CG
1986	Cardinal CG	2145	Coral Industries	2305	Anthony International
1987	Cardinal CG	2146	Cardinal CG	2306	Anthony International
1988	Cardinal CG	2160	AGC Flat Glass North America	2307	Anthony International
1990	Berkowitz, J.E.	2176	Cardinal IG	2308	Oldcastle BuildingEnvelope™
1991	Berkowitz, J.E.	2177	Cardinal IG	2310	Viracon, Inc.
1992	Saint-Gobain SOVIS	2178	Cardinal IG	2311	Viracon, Inc.
1993	Tecnoglass S.A.	2179	Cardinal IG	2314	Viracon, Inc.
1994	Tecnoglass S.A.	2182	Virginia Glass Products Corp.	2317	Cardinal IG
1995	Tecnoglass S.A.	2185	Glaz-Tech Industries	2318	Cardinal IG
1996	Oldcastle BuildingEnvelope™	2186	Glaz-Tech Industries	2319	Cardinal IG
1997	Oldcastle BuildingEnvelope™	2187	Glaz-Tech Industries	2320	Cardinal IG
1998	Consolidated Glass Corp.	2188	Glaz-Tech Industries	2321	Cardinal IG
1999	Consolidated Glass Corp.	2189	Glaz-Tech Industries	2322	Cardinal IG
2002	Consolidated Glass Corp.	2190	Glaz-Tech Industries	2323	Cardinal IG
2003	Consolidated Glass Corp.	2193	Glaz-Tech Industries	2328	Cardinal IG
2004	Consolidated Glass Corp.	2197	AGC Flat Glass North America	2329	Cardinal IG
2005	Consolidated Glass Corp.	2198	AGC Flat Glass North America	2330	Cardinal IG
2007	Cardinal CG	2199	AGC Flat Glass North America	2331	Cardinal IG
2008	Cardinal CG	2200	AGC Flat Glass North America	2332	Saint Gobain Mexico, S.A. de C.V.
2009	Cardinal CG	2203	Cardinal IG	2352	Anthony International
2010	Cardinal CG	2204	Cardinal IG	2353	Anthony International
2011	Cardinal CG	2205	Cardinal IG	2354	Consolidated Glass Corp.
2012	Cardinal CG	2210	Oldcastle BuildingEnvelope™	2355	Consolidated Glass Corp.
2013	Cardinal CG	2211	Oldcastle BuildingEnvelope™	2357	Cardinal CG
2015	Prelco, Inc.	2212	Oldcastle BuildingEnvelope™	2358	Cardinal CG
2020	Guardian Industries Corp.	2213	Oldcastle BuildingEnvelope™	2359	Cardinal CG
2021	Guardian Industries Corp.	2214	Oldcastle BuildingEnvelope™	2360	Cardinal CG
2022	Guardian Industries Corp.	2215	Oldcastle BuildingEnvelope™	2365	Tecnoglass S.A.
2023	Guardian Industries Corp.	2216	Oldcastle BuildingEnvelope™	2381	Prelco, Inc.
2024	Guardian Industries Corp.	2217	Trulite Glass & Aluminum Solutions	2382	Guardian Industries Corp.
2032	Cameron Glass, Inc.	2218	Trulite Glass & Aluminum Solutions	2389	PGT Industries
2033	Cameron Glass, Inc.	2219	Trulite Glass & Aluminum Solutions	2390	PGT Industries
2034	Prelco, Inc.	2226	GGI Glass Distributors Corp.	2391	PGT Industries
2035	Prelco, Inc.	2227	GGI Glass Distributors Corp.	2397	Cardinal IG
2048	Prelco, Inc.	2228	GGI Glass Distributors Corp.	2399	Cardinal IG
2050	Intigral	2231	Cardinal IG	2406	AGC Flat Glass North America
2051	Intigral	2232	Cardinal IG	2417	Nashville Tempered Glass Corp.
2052	Intigral	2233	Cardinal IG	2420	Nashville Tempered Glass Corp.
2053	Oldcastle BuildingEnvelope™	2234	Cardinal IG	2423	Vetzeria Valentini S.R.L.
2054	AGC Flat Glass North America	2235	Cardinal IG	2426	PGT Industries
2055	Intigral	2248	Saint-Gobain SOVIS	2432	Changshu Zhongxin Bldg. Mat. Co.
2056	Patio Enclosures	2249	AGC Flat Glass North America	2434	Kohler Company
2057	Patio Enclosures	2259	Guardian Industries Corp.	2444	Goldray Industries Ltd.
2058	Patio Enclosures	2260	Guardian Industries Corp.	2445	Goldray Industries Ltd.

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2446	Goldray Industries Ltd.	2584	Amsco Windows	2770	Saint-Gobain SOVIS
2447	Goldray Industries Ltd.	2589	Engineered Glass Products, L.L.C.	2779	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB
2448	Goldray Industries Ltd.	2590	Engineered Glass Products, L.L.C.	2780	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB
2449	Goldray Industries Ltd.	2592	AGC Flat Glass North America	2787	Trulite Glass & Aluminum Solutions
2451	Guardian Webster, Inc.	2603	Guardian Webster, Inc.	2788	Trulite Glass & Aluminum Solutions
2453	Anthony International	2616	Guardian Millbury Corp.	2789	Trulite Glass & Aluminum Solutions
2455	Cameron Glass, Inc.	2629	Multiver	2790	All Team Glass & Mirror, Ltd.
2458	Guardian Industries Corp.	2644	Coral Industries	2801	Guardian Industries Canada Corp.
2459	Guardian Industries Corp.	2646	Berkowitz, J.E.	2802	Guardian Industries Canada Corp.
2460	Guardian Industries Corp.	2647	Berkowitz, J.E.	2803	Guardian Industries Canada Corp.
2462	Cardinal LG	2649	Guardian Industries Corp.	2804	Guardian Industries Canada Corp.
2467	United Plate Glass Co., Inc.	2654	Syracuse Glass Company	2805	Guardian Industries Canada Corp.
2468	United Plate Glass Co., Inc.	2656	Syracuse Glass Company	2806	Guardian Industries Canada Corp.
2469	United Plate Glass Co., Inc.	2657	Syracuse Glass Company	2808	Guardian Industries Canada Corp.
2470	United Plate Glass Co., Inc.	2661	Downey Glass Industries, LLC	2831	Cardinal IG
2471	United Plate Glass Co., Inc.	2662	Downey Glass Industries, LLC	2832	Cardinal IG
2472	United Plate Glass Co., Inc.	2663	Downey Glass Industries, LLC	2833	Cardinal IG
2473	United Plate Glass Co., Inc.	2664	Downey Glass Industries, LLC	2834	Cardinal IG
2474	United Plate Glass Co., Inc.	2665	Downey Glass Industries, LLC	2840	Trulite Glass & Aluminum Solutions
2475	United Plate Glass Co., Inc.	2666	AGC Flat Glass North America	2842	Milgard Tempering
2480	AGC Flat Glass North America	2678	Traco (Three Rivers Alum)	2850	Eckelt Glas GmbH
2481	Triple Seal Ltd.	2683	United Plate Glass Co., Inc.	2851	Eckelt Glas GmbH
2482	Triple Seal Ltd.	2684	Spec-Temp, Inc.	2852	Eckelt Glas GmbH
2484	Triple Seal Ltd.	2685	Spec-Temp, Inc.	2853	Eckelt Glas GmbH
2488	Traco (Three Rivers Alum)	2686	Spec-Temp, Inc.	2854	Eckelt Glas GmbH
2489	Traco (Three Rivers Alum)	2687	Spec-Temp, Inc.	2855	Eckelt Glas GmbH
2490	Traco (Three Rivers Alum)	2688	Spec-Temp, Inc.	2857	Cardinal IG
2494	Nashville Tempered Glass Corp.	2691	Nashville Tempered Glass L.L.C.	2858	Cardinal IG
2497	Nashville Tempered Glass Corp.	2692	Nashville Tempered Glass L.L.C.	2859	Cardinal IG
2498	Multiver	2693	Nashville Tempered Glass L.L.C.	2878	Cardinal CG
2499	Multiver	2694	Nashville Tempered Glass L.L.C.	2879	Cardinal CG
2501	Cameron Glass, Inc.	2695	Trulite Glass & Aluminum Solutions	2880	Cardinal CG
2507	AGC Flat Glass North America	2698	Engineered Glass Products, L.L.C.	2881	Cardinal CG
2509	AGC Flat Glass North America	2699	Cardinal CG	2884	Oldcastle BuildingEnvelope™
2510	AGC Flat Glass North America	2700	Cardinal CG	2885	Oldcastle BuildingEnvelope™
2519	Guardian Industries Corp.	2701	Cardinal CG	2887	Simonton Windows
2521	AGC Flat Glass North America	2702	Cardinal CG	2888	Simonton Windows
2522	AGC Flat Glass North America	2705	Cardinal CG	2889	TianJin Dong Sung Home Building Materials Co. Ltd.
2543	Oldcastle BuildingEnvelope™	2709	Dong Sung Glass Korea, Co., Ltd.	2890	TianJin Dong Sung Home Building Materials Co. Ltd.
2544	Oldcastle BuildingEnvelope™	2713	Prelco, Inc.	2894	Tecnoglass S.A.
2545	Guardian Industries Corp.	2714	Traco (Three Rivers Alum)	2898	Vetreria Valentini S.R.L.
2547	Techni-Glass, Inc.	2715	Traco (Three Rivers Alum)	2899	AGC Flat Glass North America
2548	Techni-Glass, Inc.	2716	Traco (Three Rivers Alum)	2900	AGC Flat Glass North America
2549	Techni-Glass, Inc.	2719	Traco (Three Rivers Alum)	2901	AGC Flat Glass North America
2550	Techni-Glass, Inc.	2727	Anthony International	2902	AGC Flat Glass North America
2569	Bendheim Wall Systems	2728	Glass Dynamics, Inc.	2903	AGC Flat Glass North America
2570	Bendheim Wall Systems	2729	Glass Dynamics, Inc.	2904	Changshu Hard Glass Co., Ltd.
2572	Intex Glass (Xiamen) Co., Ltd.	2730	Glass Dynamics, Inc.	2909	Cardinal FG
2573	Intex Glass (Xiamen) Co., Ltd.	2731	Glass Dynamics, Inc.	2910	Cardinal FG
2574	Intex Glass (Xiamen) Co., Ltd.	2732	Glass Dynamics, Inc.	2911	Cardinal FG
2575	Intex Glass (Xiamen) Co., Ltd.	2733	Glass Dynamics, Inc.	2912	Cardinal FG
2576	Intex Glass (Xiamen) Co., Ltd.	2734	Glass Dynamics, Inc.	2918	Kohler Company
2577	Intex Glass (Xiamen) Co., Ltd.	2743	Saint Gobain Mexico, S.A. de C.V.	2919	Cardinal IG
2578	Amsco Windows	2748	Traco (Three Rivers Alum)	2920	Cardinal IG
2580	Amsco Windows	2751	Prelco, Inc.		
2581	Amsco Windows	2768	AGC Flat Glass North America		
2582	Amsco Windows	2769	Saint-Gobain SOVIS		



July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2921	Cardinal IG	3041	American Shower Door	3114	Oldcastle BuildingEnvelope™
2922	Cardinal IG	3042	American Shower Door	3115	Cardinal IG
2923	Cardinal IG	3043	American Shower Door	3116	Oldcastle BuildingEnvelope™
2924	Cardinal IG	3053	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3118	Oldcastle BuildingEnvelope™
2928	GGI Glass Distributors Corp.			3119	Oldcastle BuildingEnvelope™
2944	Coral Industries	3054	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3120	Oldcastle BuildingEnvelope™
2945	Coral Industries			3121	Oldcastle BuildingEnvelope™
2954	Cardinal CG	3055	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3122	Oldcastle BuildingEnvelope™
2955	Cardinal CG			3124	Oldcastle BuildingEnvelope™
2956	Cardinal CG	3056	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3125	Oldcastle BuildingEnvelope™
2957	Syracuse Glass Company			3127	Oldcastle BuildingEnvelope™
2958	Syracuse Glass Company	3060	Techni-Glass, Inc.	3128	Oldcastle BuildingEnvelope™
2959	Trulite Glass & Aluminum Solutions	3061	Techni-Glass, Inc.	3129	Oldcastle BuildingEnvelope™
2960	Trulite Glass & Aluminum Solutions	3062	Techni-Glass, Inc.	3130	Oldcastle BuildingEnvelope™
2961	SIGCO, Inc.	3067	SCHOTT Gemtron (Canada) Corporation	3131	Oldcastle BuildingEnvelope™
2962	SIGCO, Inc.			3132	Oldcastle BuildingEnvelope™
2963	SIGCO, Inc.	3068	Cardinal IG	3133	Oldcastle BuildingEnvelope™
2964	SIGCO, Inc.	3069	Cardinal IG	3134	Oldcastle BuildingEnvelope™
2965	SIGCO, Inc.	3070	Cardinal IG	3135	Oldcastle BuildingEnvelope™
2966	SIGCO, Inc.	3071	Cardinal IG	3136	Oldcastle BuildingEnvelope™
2967	SIGCO, Inc.	3072	Cardinal IG	3137	Oldcastle BuildingEnvelope™
2968	Quaker Window Products, Inc.	3073	Cardinal IG	3138	Oldcastle BuildingEnvelope™
2969	Quaker Window Products, Inc.	3074	Viwinco, Inc.	3139	Oldcastle BuildingEnvelope™
2970	Quaker Window Products, Inc.	3076	Anlin Industries	3140	Oldcastle BuildingEnvelope™
2974	Qinhuangdao Jixiang Glass Industry	3077	Anlin Industries	3141	Oldcastle BuildingEnvelope™
2975	Techni-Glass, Inc.	3078	Anlin Industries	3142	Oldcastle BuildingEnvelope™
2976	Cardinal LG	3079	Anlin Industries	3143	Oldcastle BuildingEnvelope™
2980	AGC Flat Glass North America	3081	AGC Flat Glass North America	3144	Oldcastle BuildingEnvelope™
2981	Quality Glass & Mirror, Inc.	3082	AGC Flat Glass North America	3145	Oldcastle BuildingEnvelope™
2982	Quality Glass & Mirror, Inc.	3085	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3146	Oldcastle BuildingEnvelope™
2983	Quality Glass & Mirror, Inc.			3147	Oldcastle BuildingEnvelope™
2984	Quality Glass & Mirror, Inc.	3086	Chicago Tempered Glass, Inc.	3148	Oldcastle BuildingEnvelope™
2985	Quaker Window Products, Inc.	3087	Chicago Tempered Glass, Inc.	3149	Oldcastle BuildingEnvelope™
2986	Quaker Window Products, Inc.	3088	Chicago Tempered Glass, Inc.	3151	Oldcastle BuildingEnvelope™
2987	Changshu Hard Glass Co., Ltd.	3089	Chicago Tempered Glass, Inc.	3152	Oldcastle BuildingEnvelope™
2988	Changshu Hard Glass Co., Ltd.	3090	Chicago Tempered Glass, Inc.	3153	Oldcastle BuildingEnvelope™
2999	AGC Flat Glass North America	3091	AGC Flat Glass North America	3154	Oldcastle BuildingEnvelope™
3001	Shaw Glass Co.	3094	TianJin Dong Sung Home Building Materials Co. Ltd.	3155	Oldcastle BuildingEnvelope™
3002	Guardian Industries Corp.			3156	Oldcastle BuildingEnvelope™
3003	Guardian Industries Corp.	3095	Oldcastle BuildingEnvelope™	3157	Oldcastle BuildingEnvelope™
3006	AGC Flat Glass North America	3096	Oldcastle BuildingEnvelope™	3158	Oldcastle BuildingEnvelope™
3007	AGC Flat Glass North America	3097	Oldcastle BuildingEnvelope™	3159	Oldcastle BuildingEnvelope™
3008	AGC Flat Glass North America	3098	Oldcastle BuildingEnvelope™	3160	Oldcastle BuildingEnvelope™
3009	AGC Flat Glass North America	3099	Oldcastle BuildingEnvelope™	3161	Oldcastle BuildingEnvelope™
3010	AGC Flat Glass North America	3100	Oldcastle BuildingEnvelope™	3163	Oldcastle BuildingEnvelope™
3011	AGC Flat Glass North America	3101	Oldcastle BuildingEnvelope™	3164	Oldcastle BuildingEnvelope™
3015	Patio Enclosures	3102	Oldcastle BuildingEnvelope™	3165	Oldcastle BuildingEnvelope™
3017	Dlubak Corporation	3103	Oldcastle BuildingEnvelope™	3166	Oldcastle BuildingEnvelope™
3018	Dlubak Corporation	3104	Oldcastle BuildingEnvelope™	3167	Oldcastle BuildingEnvelope™
3019	Dlubak Corporation	3105	Oldcastle BuildingEnvelope™	3168	Oldcastle BuildingEnvelope™
3023	Triple Seal Ltd.	3106	Oldcastle BuildingEnvelope™	3169	Oldcastle BuildingEnvelope™
3024	Guardian Webster, Inc.	3107	Oldcastle BuildingEnvelope™	3170	Oldcastle BuildingEnvelope™
3025	Intex Glass (Xiamen) Co., Ltd.	3108	Oldcastle BuildingEnvelope™	3171	Oldcastle BuildingEnvelope™
3027	Anthony International	3109	Oldcastle BuildingEnvelope™	3172	Oldcastle BuildingEnvelope™
3028	SIGCO, Inc.	3110	Oldcastle BuildingEnvelope™	3173	Oldcastle BuildingEnvelope™
3039	American Shower Door	3111	Oldcastle BuildingEnvelope™	3174	Oldcastle BuildingEnvelope™
3040	American Shower Door	3112	Oldcastle BuildingEnvelope™	3176	Oldcastle BuildingEnvelope™
		3113	Oldcastle BuildingEnvelope™		

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3177	Oldcastle BuildingEnvelope™	3257	Oldcastle BuildingEnvelope™	3335	Oldcastle BuildingEnvelope™
3178	Oldcastle BuildingEnvelope™	3258	Oldcastle BuildingEnvelope™	3336	Oldcastle BuildingEnvelope™
3179	Oldcastle BuildingEnvelope™	3259	Oldcastle BuildingEnvelope™	3337	Oldcastle BuildingEnvelope™
3180	Oldcastle BuildingEnvelope™	3262	Oldcastle BuildingEnvelope™	3338	Oldcastle BuildingEnvelope™
3181	Oldcastle BuildingEnvelope™	3263	Oldcastle BuildingEnvelope™	3339	Oldcastle BuildingEnvelope™
3182	Oldcastle BuildingEnvelope™	3264	Oldcastle BuildingEnvelope™	3340	Oldcastle BuildingEnvelope™
3183	Oldcastle BuildingEnvelope™	3265	Oldcastle BuildingEnvelope™	3358	Spec-Temp, Inc.
3184	Oldcastle BuildingEnvelope™	3266	Oldcastle BuildingEnvelope™	3360	Anlin Industries
3185	Oldcastle BuildingEnvelope™	3267	Oldcastle BuildingEnvelope™	3386	Industrial Tempering Glass
3186	Oldcastle BuildingEnvelope™	3268	Oldcastle BuildingEnvelope™	3387	Industrial Tempering Glass
3187	Oldcastle BuildingEnvelope™	3269	Oldcastle BuildingEnvelope™	3392	Oldcastle BuildingEnvelope™
3188	Oldcastle BuildingEnvelope™	3270	Oldcastle BuildingEnvelope™	3405	Viwinco, Inc.
3189	Oldcastle BuildingEnvelope™	3271	Oldcastle BuildingEnvelope™	3406	Viwinco, Inc.
3190	Oldcastle BuildingEnvelope™	3272	Oldcastle BuildingEnvelope™	3407	Trulite Glass & Aluminum Solutions
3191	Oldcastle BuildingEnvelope™	3273	Oldcastle BuildingEnvelope™	3408	Viwinco, Inc.
3192	Oldcastle BuildingEnvelope™	3274	Oldcastle BuildingEnvelope™	3418	Industrial Tempering Glass
3193	Oldcastle BuildingEnvelope™	3275	Oldcastle BuildingEnvelope™	3419	Industrial Tempering Glass
3194	Oldcastle BuildingEnvelope™	3276	Oldcastle BuildingEnvelope™	3420	Coral Industries
3195	Oldcastle BuildingEnvelope™	3277	Oldcastle BuildingEnvelope™	3421	AGC Flat Glass North America
3196	Oldcastle BuildingEnvelope™	3278	Oldcastle BuildingEnvelope™	3425	Oldcastle BuildingEnvelope™
3197	Oldcastle BuildingEnvelope™	3279	Oldcastle BuildingEnvelope™	3426	Oldcastle BuildingEnvelope™
3199	Oldcastle BuildingEnvelope™	3280	Oldcastle BuildingEnvelope™	3427	Oldcastle BuildingEnvelope™
3200	Oldcastle BuildingEnvelope™	3281	Oldcastle BuildingEnvelope™	3428	Oldcastle BuildingEnvelope™
3201	Oldcastle BuildingEnvelope™	3283	Oldcastle BuildingEnvelope™	3430	Trulite Glass & Aluminum Solutions
3203	Oldcastle BuildingEnvelope™	3284	Oldcastle BuildingEnvelope™	3431	TianJin Dong Sung Home Building Materials Co. Ltd.
3219	Oldcastle BuildingEnvelope™	3285	Oldcastle BuildingEnvelope™	3439	Oldcastle BuildingEnvelope™
3220	Oldcastle BuildingEnvelope™	3286	Oldcastle BuildingEnvelope™	3440	Oldcastle BuildingEnvelope™
3221	Oldcastle BuildingEnvelope™	3287	Oldcastle BuildingEnvelope™	3441	Oldcastle BuildingEnvelope™
3222	Oldcastle BuildingEnvelope™	3288	Oldcastle BuildingEnvelope™	3442	Oldcastle BuildingEnvelope™
3223	Oldcastle BuildingEnvelope™	3289	Oldcastle BuildingEnvelope™	3443	Oldcastle BuildingEnvelope™
3224	Oldcastle BuildingEnvelope™	3290	Oldcastle BuildingEnvelope™	3444	Oldcastle BuildingEnvelope™
3225	Oldcastle BuildingEnvelope™	3291	Oldcastle BuildingEnvelope™	3445	Oldcastle BuildingEnvelope™
3226	Oldcastle BuildingEnvelope™	3292	Oldcastle BuildingEnvelope™	3446	Oldcastle BuildingEnvelope™
3227	Oldcastle BuildingEnvelope™	3293	Oldcastle BuildingEnvelope™	3447	Oldcastle BuildingEnvelope™
3228	Oldcastle BuildingEnvelope™	3294	Oldcastle BuildingEnvelope™	3448	Oldcastle BuildingEnvelope™
3229	Oldcastle BuildingEnvelope™	3295	Oldcastle BuildingEnvelope™	3453	Glass Design of Miami, Inc.
3230	Oldcastle BuildingEnvelope™	3296	Oldcastle BuildingEnvelope™	3454	Glass Design of Miami, Inc.
3233	Oldcastle BuildingEnvelope™	3297	Oldcastle BuildingEnvelope™	3455	Cardinal TG
3234	Oldcastle BuildingEnvelope™	3310	Oldcastle BuildingEnvelope™	3456	Cardinal TG
3235	Oldcastle BuildingEnvelope™	3311	Oldcastle BuildingEnvelope™	3458	Cardinal TG
3236	Oldcastle BuildingEnvelope™	3312	Oldcastle BuildingEnvelope™	3459	Cardinal TG
3237	Oldcastle BuildingEnvelope™	3313	Oldcastle BuildingEnvelope™	3460	TianJin Dong Sung Home Building Materials Co. Ltd.
3238	Oldcastle BuildingEnvelope™	3314	Oldcastle BuildingEnvelope™	3461	Trulite Glass & Aluminum Solutions
3239	Oldcastle BuildingEnvelope™	3315	Oldcastle BuildingEnvelope™	3462	Oldcastle BuildingEnvelope™
3240	Oldcastle BuildingEnvelope™	3317	Oldcastle BuildingEnvelope™	3464	Contractors Wardrobe
3242	Oldcastle BuildingEnvelope™	3318	Oldcastle BuildingEnvelope™	3465	Contractors Wardrobe
3243	Oldcastle BuildingEnvelope™	3319	Oldcastle BuildingEnvelope™	3466	Contractors Wardrobe
3244	Oldcastle BuildingEnvelope™	3320	Oldcastle BuildingEnvelope™	3467	Contractors Wardrobe
3245	Oldcastle BuildingEnvelope™	3321	Oldcastle BuildingEnvelope™	3469	Contractors Wardrobe
3249	Anthony International	3326	AGC Flat Glass North America	3470	Contractors Wardrobe
3250	Oldcastle BuildingEnvelope™	3327	AGC Flat Glass North America	3472	Contractors Wardrobe
3251	Oldcastle BuildingEnvelope™	3329	Oldcastle BuildingEnvelope™	3473	Contractors Wardrobe
3252	Oldcastle BuildingEnvelope™	3330	Oldcastle BuildingEnvelope™	3474	Contractors Wardrobe
3253	Oldcastle BuildingEnvelope™	3331	Oldcastle BuildingEnvelope™	3475	Contractors Wardrobe
3254	Oldcastle BuildingEnvelope™	3332	Oldcastle BuildingEnvelope™	3476	Contractors Wardrobe
3255	Oldcastle BuildingEnvelope™	3333	Oldcastle BuildingEnvelope™		
3256	Oldcastle BuildingEnvelope™	3334	Oldcastle BuildingEnvelope™		

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3477	Contractors Wardrobe	3584	Arlene Stained Glass & Door	3720	Insulite Glass Co., Inc.
3479	Saint Gobain Mexico, S.A. de C.V.	3585	Arlene Stained Glass & Door	3723	Insulite Glass Co., Inc.
3482	PGT Industries	3593	Oldcastle BuildingEnvelope™	3729	Oldcastle BuildingEnvelope™
3485	Quaker Window Products, Inc.	3594	Oldcastle BuildingEnvelope™	3730	Qinhuangdao Kunping Safety Glass Co. Ltd.
3486	Quaker Window Products, Inc.	3595	Oldcastle BuildingEnvelope™	3736	Yao Xiang Glass Product Co. Ltd.
3487	Downey Glass Industries, LLC	3596	Oldcastle BuildingEnvelope™	3737	Yao Xiang Glass Product Co. Ltd.
3489	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3597	Oldcastle BuildingEnvelope™	3738	Yao Xiang Glass Product Co. Ltd.
3492	Oldcastle BuildingEnvelope™	3598	Oldcastle BuildingEnvelope™	3739	Yao Xiang Glass Product Co. Ltd.
3495	Trulite Glass & Aluminum Solutions	3599	Cardinal CG	3740	Yao Xiang Glass Product Co. Ltd.
3496	Oldcastle BuildingEnvelope™	3601	Cardinal CG	3741	Yao Xiang Glass Product Co. Ltd.
3497	Oldcastle BuildingEnvelope™	3603	Trulite Glass & Aluminum Solutions	3742	Yao Xiang Glass Product Co. Ltd.
3498	Oldcastle BuildingEnvelope™	3604	Guardian Webster, Inc.	3743	Yao Xiang Glass Product Co. Ltd.
3499	Oldcastle BuildingEnvelope™	3607	Glass Design of Miami, Inc.	3745	Ready Glass & Mirror, Inc.
3500	Oldcastle BuildingEnvelope™	3608	Guardian Industries Canada Corp.	3746	Ready Glass & Mirror, Inc.
3501	Oldcastle BuildingEnvelope™	3619	Cardinal IG	3747	Ready Glass & Mirror, Inc.
3502	Oldcastle BuildingEnvelope™	3631	Intigral	3748	Ready Glass & Mirror, Inc.
3503	Oldcastle BuildingEnvelope™	3635	Consolidated Glass Corp.	3749	Berkowitz, J.E.
3505	Cardinal LG	3636	SCHOTT Gemtron (Canada) Corporation	3750	Berkowitz, J.E.
3506	Cardinal LG	3637	SCHOTT Gemtron (Canada) Corporation	3768	AGC Flat Glass North America
3507	Cardinal LG			3785	AGC Flat Glass North America
3508	Cardinal LG	3645	AGC Flat Glass North America	3786	AGC Flat Glass North America
3509	Cardinal LG	3646	AGC Flat Glass North America	3787	Tai Shan City Da Heng Art Glass Ltd.
3510	Cardinal LG	3647	AGC Flat Glass North America	3788	Tai Shan City Da Heng Art Glass Ltd.
3532	Kohler Company	3648	AGC Flat Glass North America	3789	Tai Shan City Da Heng Art Glass Ltd.
3536	Trulite Glass & Aluminum Solutions	3649	Northwest Glass		
3538	PFG Industries	3650	Northwest Glass	3793	Oldcastle BuildingEnvelope™
3539	PFG Industries	3651	Northwest Glass	3796	Oldcastle BuildingEnvelope™
3540	PFG Industries	3652	Northwest Glass	3805	Quality Glass & Mirror, Inc.
3541	PFG Industries	3653	Northwest Glass	3806	Commercial Insulating Glass Co.
3542	PFG Industries	3655	Northwest Glass	3807	Commercial Insulating Glass Co.
3543	PFG Industries	3656	All Team Glass & Mirror, Ltd.	3808	Commercial Insulating Glass Co.
3544	PFG Industries	3659	SCHOTT Gemtron (Canada) Corporation	3810	Addis Glass
3547	PFG Industries			3811	Addis Glass
3548	PFG Industries	3660	Qinhuangdao Jixiang Glass Industry	3812	Addis Glass
3549	PFG Industries	3661	Galaxy Glass & Stone	3814	AGC Flat Glass North America
3553	AGC Flat Glass North America	3663	AGC Flat Glass North America	3815	AGC Flat Glass North America
3554	Trulite Glass & Aluminum Solutions	3671	Oldcastle BuildingEnvelope™	3817	Coral Industries
3555	Cardinal CG	3672	Guardian Industries Corp.	3818	AGC Flat Glass North America
3556	Al Abbar Architectural Glass	3673	Guardian Industries Corp.	3819	AGC Flat Glass North America
3557	Al Abbar Architectural Glass	3677	AGC Flat Glass North America	3820	AGC Flat Glass North America
3558	Al Abbar Architectural Glass	3689	Viracon, Inc.	3822	Flat Glass Distributors, Inc.
3560	Al Abbar Architectural Glass	3690	QinHuangDao Tianrui Tempered Technology Glass Co.	3823	Flat Glass Distributors, Inc.
3561	Oldcastle BuildingEnvelope™	3698	AGC Flat Glass North America	3824	Flat Glass Distributors, Inc.
3567	AVIC Sanxin Co. Ltd.	3701	Dallas Flat Glass Distributors, Inc.	3825	Flat Glass Distributors, Inc.
3568	AVIC Sanxin Co. Ltd.	3705	AGC Flat Glass North America	3826	Flat Glass Distributors, Inc.
3569	AVIC Sanxin Co. Ltd.	3706	AGC Flat Glass North America	3827	Flat Glass Distributors, Inc.
3570	AVIC Sanxin Co. Ltd.	3707	AGC Flat Glass North America	3828	Flat Glass Distributors, Inc.
3571	AVIC Sanxin Co. Ltd.	3708	AGC Flat Glass North America	3829	Flat Glass Distributors, Inc.
3572	AVIC Sanxin Co. Ltd.	3709	AGC Flat Glass North America	3830	Flat Glass Distributors, Inc.
3573	AVIC Sanxin Co. Ltd.	3710	AGC Flat Glass North America	3839	AGC Flat Glass North America
3577	PPG Inds., Inc.	3711	PFG Industries	3841	Glenny Glass Co.
3578	PPG Inds., Inc.	3714	Insulite Glass Co., Inc.	3843	Glenny Glass Co.
3579	Cardinal CG	3715	Insulite Glass Co., Inc.	3844	Glenny Glass Co.
3580	Cardinal CG	3716	Insulite Glass Co., Inc.	3845	Glenny Glass Co.
3581	Cardinal CG	3717	Insulite Glass Co., Inc.	3846	Glenny Glass Co.
3583	Arlene Stained Glass & Door	3718	Insulite Glass Co., Inc.		

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3852	MLC Windows & Glass	3935	Dongguan CSG Architectural Glass Co., Ltd.	3988	Vidrios El Castillo SC de RL de CV
3853	MLC Windows & Glass			3991	JYC Glass Co. Ltd.
3854	MLC Windows & Glass	3936	Dongguan CSG Architectural Glass Co., Ltd.	3992	JYC Glass Co. Ltd.
3855	MLC Windows & Glass			3993	JYC Glass Co. Ltd.
3856	Dalian Huaying Glass Products Co., Ltd.	3937	Dongguan CSG Architectural Glass Co., Ltd.	3994	JYC Glass Co. Ltd.
		3938	Dongguan CSG Architectural Glass Co., Ltd.	3999	Oldcastle BuildingEnvelope™
3857	GGI Glass Distributors Corp.			4001	Oldcastle BuildingEnvelope™
3858	GGI Glass Distributors Corp.	3939	Dongguan CSG Architectural Glass Co., Ltd.	4002	Custom Glass Products, Inc.
3859	Insulated Glass of America			4003	Tecnoglass S.A.
3860	Insulated Glass of America	3941	Guangdong Golden Glass Technologies Limited	4004	Tristar Glass Inc.
3861	Insulated Glass of America			4005	Tristar Glass Inc.
3862	Insulated Glass of America	3942	Guangdong Golden Glass Technologies Limited	4006	Tristar Glass Inc.
3863	Insulated Glass of America			4007	Tristar Glass Inc.
3864	Insulated Glass of America	3943	Guangdong Golden Glass Technologies Limited	4008	Tristar Glass Inc.
3865	Denver Glass Interiors, Inc.			4009	Tristar Glass Inc.
3866	Denver Glass Interiors, Inc.	3944	Guangdong Golden Glass Technologies Limited	4010	Tristar Glass Inc.
3867	Denver Glass Interiors, Inc.			4011	Tristar Glass Inc.
3868	Denver Glass Interiors, Inc.	3945	Guangdong Golden Glass Technologies Limited	4012	Kohler Company
3871	Cardinal Tempering	3946	Guangdong Golden Glass Technologies Limited	4021	Tianjin CSG Architectural Glass Co., LTD.
3872	Cardinal Tempering				
3873	Cardinal Tempering	3947	Guangdong Golden Glass Technologies Limited	4022	Tianjin CSG Architectural Glass Co., LTD.
3874	Cardinal Tempering				
3875	Cardinal Tempering	3948	United Plate Glass Company of Charlotte	4023	Tianjin CSG Architectural Glass Co., LTD.
3880	PGT Industries			4024	Tianjin CSG Architectural Glass Co., LTD.
3881	PGT Industries	3949	United Plate Glass Company of Charlotte		
3886	Taiwan Glass Industry Corporation			4025	Tianjin CSG Architectural Glass Co., LTD.
3887	Taiwan Glass Industry Corporation	3950	United Plate Glass Company of Charlotte		
3888	Taiwan Glass Industry Corporation			4026	Tianjin CSG Architectural Glass Co., LTD.
3889	Taiwan Glass Industry Corporation	3951	United Plate Glass Company of Charlotte		
3890	Taiwan Glass Industry Corporation			4027	Tianjin CSG Architectural Glass Co., LTD.
3891	Taiwan Glass Industry Corporation	3952	United Plate Glass Company of Charlotte		
3892	Taiwan Glass Industry Corporation			4028	Tianjin CSG Architectural Glass Co., LTD.
3893	Taiwan Glass Industry Corporation	3954	United Plate Glass Company of Charlotte		
3905	PT Abeyersa Pratama	3955	United Plate Glass Company of Charlotte	4030	Tianjin CSG Architectural Glass Co., LTD.
3906	PT Abeyersa Pratama				
3907	Oldcastle BuildingEnvelope™	3957	JYC Glass Co. Ltd.	4031	General Glass
3912	Dillmeier Enterprise, Inc.	3958	JYC Glass Co. Ltd.	4032	General Glass
3913	Dillmeier Enterprise, Inc.	3959	JYC Glass Co. Ltd.	4033	General Glass
3914	Dillmeier Enterprise, Inc.	3960	JYC Glass Co. Ltd.	4034	General Glass
3915	Dillmeier Enterprise, Inc.	3961	JYC Glass Co. Ltd.	4035	Tianjin Dong Sung Home Building Materials Co. Ltd.
3916	Dillmeier Enterprise, Inc.	3962	JYC Glass Co. Ltd.		
3917	Dillmeier Enterprise, Inc.	3963	JYC Glass Co. Ltd.	4036	Viracon, Inc.
3918	Pennsylvania Insulating Glass			4037	Viracon, Inc.
3919	Pennsylvania Insulating Glass	3970	GGI Glass Distributors Corp.	4038	Viracon, Inc.
3925	Trulite Glass & Aluminum Solutions	3971	GGI Glass Distributors Corp.	4039	Viracon, Inc.
3926	Trulite Glass & Aluminum Solutions	3972	GGI Glass Distributors Corp.		
3927	Trulite Glass & Aluminum Solutions	3973	GGI Glass Distributors Corp.	4041	Vidrios Marte SA de CV
3928	Trulite Glass & Aluminum Solutions	3974	GGI Glass Distributors Corp.	4042	Vidrios Marte SA de CV
3929	Trulite Glass & Aluminum Solutions	3976	Al Abbar Architectural Glass	4046	AGC Flat Glass North America
3930	Trulite Glass & Aluminum Solutions	3977	Al Abbar Architectural Glass	4047	Cardinal CG
3931	Trulite Glass & Aluminum Solutions	3978	Southwest Glass Products Inc.	4048	WSD Glass, Inc.
3932	Dongguan CSG Architectural Glass Co., Ltd.	3979	Southwest Glass Products Inc.	4049	WSD Glass, Inc.
		3980	Southwest Glass Products Inc.	4050	WSD Glass, Inc.
3933	Dongguan CSG Architectural Glass Co., Ltd.	3981	Southwest Glass Products Inc.	4051	WSD Glass, Inc.
		3984	Vidrios El Castillo SC de RL de CV	4052	WSD Glass, Inc.
3934	Dongguan CSG Architectural Glass Co., Ltd.	3985	Vidrios El Castillo SC de RL de CV	4054	Oldcastle BuildingEnvelope™
		3986	Vidrios El Castillo SC de RL de CV	4055	Deqing Sanxing Plastic Chemical Co. Ltd.
		3987	Vidrios El Castillo SC de RL de CV		

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4056	Deqing Sanxing Plastic Chemical Co. Ltd.	4121	Efco Corp.	4188	Trulite Glass & Aluminum Solutions
4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4123	Dongguan Dongfa Glass Product Co., Ltd	4189	Trulite Glass & Aluminum Solutions
4061	Troy Systems LLC	4124	Dongguan Dongfa Glass Product Co., Ltd	4197	United Plate Glass Company of Charlotte
4062	Troy Systems LLC	4125	Dongguan Dongfa Glass Product Co., Ltd	4198	Cuda Glass & Metals
4063	Troy Systems LLC	4126	Dongguan Dongfa Glass Product Co., Ltd	4199	Cuda Glass & Metals
4067	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4132	Dongguan Dongfa Glass Product Co., Ltd	4200	Cuda Glass & Metals
4068	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4133	Oldcastle BuildingEnvelope™	4201	Cuda Glass & Metals
4069	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4134	Trulite Glass & Aluminum Solutions	4202	Cuda Glass & Metals
4070	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4135	Trulite Glass & Aluminum Solutions	4203	Cuda Glass & Metals
4071	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4136	Ready Glass & Mirror, Inc.	4204	Cuda Glass & Metals
4072	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4137	Cardinal CG	4206	SIGCO, Inc.
4073	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4139	Addis Glass	4207	AGC Flat Glass North America
4074	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	4141	AGC Flat Glass North America	4209	AGC Flat Glass North America
4075	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4142	AGC Flat Glass North America	4210	Trulite Glass & Aluminum Solutions
4076	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4144	AGC Flat Glass North America	4211	Trulite Glass & Aluminum Solutions
4077	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4145	AGC Flat Glass North America	4212	Trulite Glass & Aluminum Solutions
4078	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4146	Deqing Sanxing Plastic Chemical Co. Ltd.	4213	Trulite Glass & Aluminum Solutions
4079	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4147	Deqing Sanxing Plastic Chemical Co. Ltd.	4214	Trulite Glass & Aluminum Solutions
4080	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4148	Nashville Tempered Glass L.L.C.	4215	Trulite Glass & Aluminum Solutions
4081	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4152	AGC Flat Glass North America	4216	Trulite Glass & Aluminum Solutions
4083	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4153	AGC Flat Glass North America	4217	Trulite Glass & Aluminum Solutions
4084	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4154	Efco Corp.	4218	Trulite Glass & Aluminum Solutions
4088	Trulite Glass & Aluminum Solutions	4156	Qinhuangdao Detai Tempered Glass Co., Ltd.	4219	Trulite Glass & Aluminum Solutions
4090	Trulite Glass & Aluminum Solutions	4158	AGC Flat Glass North America	4220	Trulite Glass & Aluminum Solutions
4091	Cardinal IG	4159	AGC Flat Glass North America	4221	Trulite Glass & Aluminum Solutions
4093	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4160	AGC Flat Glass North America	4222	RF Supply, Inc.
4094	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4161	JYC Glass Co. Ltd.	4224	RF Supply, Inc.
4095	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4162	JYC Glass Co. Ltd.	4225	RF Supply, Inc.
4101	Denver Glass Interiors, Inc.	4163	JYC Glass Co. Ltd.	4226	RF Supply, Inc.
4103	Cardinal CG	4165	JYC Glass Co. Ltd.	4227	RF Supply, Inc.
4104	Cardinal CG	4166	JYC Glass Co. Ltd.	4229	RF Supply, Inc.
4105	Cardinal CG	4167	Dongguan CSG Architectural Glass Co., Ltd.	4230	RF Supply, Inc.
4106	Tianjin CSG Architectural Glass Co., LTD.	4169	W.A. Wilson	4232	AGC Flat Glass North America
4107	Tianjin CSG Architectural Glass Co., LTD.	4170	W.A. Wilson	4233	Trulite Glass & Aluminum Solutions
4108	Tianjin CSG Architectural Glass Co., LTD.	4171	W.A. Wilson	4235	Changshu Xingfu Glass Building Material Co., LTD
4120	Cardinal LG	4172	W.A. Wilson	4237	Changshu Xingfu Glass Building Material Co., LTD
		4173	W.A. Wilson	4238	Guardian Industries Corp.
		4174	W.A. Wilson	4240	Industrial Tempering Glass
		4175	W.A. Wilson	4245	Oldcastle BuildingEnvelope™
		4176	W.A. Wilson	4246	Vetrea Valentini S.R.L.
		4179	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	4247	Oldcastle BuildingEnvelope™
		4180	Oldcastle BuildingEnvelope™	4248	GGI Glass Distributors Corp.
		4181	Oldcastle BuildingEnvelope™	4249	Viracon, Inc.
		4182	Trulite Glass & Aluminum Solutions	4250	Viracon, Inc.
		4183	Trulite Glass & Aluminum Solutions	4254	Mercer Glass Fab LLC
		4184	Trulite Glass & Aluminum Solutions	4255	Mercer Glass Fab LLC
		4185	Trulite Glass & Aluminum Solutions	4256	Mercer Glass Fab LLC
		4186	Trulite Glass & Aluminum Solutions	4257	Mercer Glass Fab LLC
		4187	Trulite Glass & Aluminum Solutions	4258	Mercer Glass Fab LLC
				4260	Changshu Lier Building Materials Co. Ltd.
				4261	Changshu Lier Building Materials Co. Ltd.
				4265	AGC Flat Glass North America
				4266	AGC Flat Glass North America

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4267	AGC Flat Glass North America	4334	Coastal Glass Distributors Inc.	4412	Cuda Glass & Metals
4268	AGC Flat Glass North America	4335	Coastal Glass Distributors Inc.	4413	Glass Dynamics, Inc.
4269	AGC Flat Glass North America	4336	Coastal Glass Distributors Inc.	4414	Glass Dynamics, Inc.
4270	AGC Flat Glass North America	4337	Coastal Glass Distributors Inc.	4419	Garibaldi Glass Ind. Inc.
4271	AGC Flat Glass North America	4338	Coastal Glass Distributors Inc.	4420	Garibaldi Glass Ind. Inc.
4272	AGC Flat Glass North America	4339	Coastal Glass Distributors Inc.	4421	Garibaldi Glass Ind. Inc.
4274	Vitraform, Inc.	4340	Oldcastle BuildingEnvelope™	4422	Garibaldi Glass Ind. Inc.
4277	AGC Flat Glass North America	4342	AGC Flat Glass North America	4423	Oldcastle BuildingEnvelope™
4278	Southwest Glass Products Inc.	4343	Cardinal CG	4424	Oldcastle BuildingEnvelope™
4279	Beijing Northglass Safety Glass Co. Ltd.	4344	Cardinal CG	4425	Fairis C.A.
		4345	Cardinal CG	4426	Fairis C.A.
4280	M/M Tempering Inc.	4346	Oldcastle BuildingEnvelope™	4427	Fairis C.A.
4281	M/M Tempering Inc.	4347	Cardinal CG	4428	Fairis C.A.
4282	M/M Tempering Inc.	4350	Cardinal LG	4429	Fairis C.A.
4285	Contour Industries, Inc.	4351	Cardinal LG	4430	Fairis C.A.
4286	Troy Systems LLC	4353	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	4431	Hartung Glass Industries Lami
4287	Viracon, Inc.			4432	Oldcastle BuildingEnvelope™
4290	Thermo BSL	4354	Viracon, Inc.	4433	Oldcastle BuildingEnvelope™
4291	Thermo BSL	4355	All Team Glass & Mirror, Ltd.	4434	Oldcastle BuildingEnvelope™
4292	Thermo BSL	4356	Triple Seal Ltd.	4435	Oldcastle BuildingEnvelope™
4293	Thermo BSL	4357	Triple Seal Ltd.	4436	Oldcastle BuildingEnvelope™
4299	Mega Tempering	4358	Triple Seal Ltd.	4437	Trulite Glass & Aluminum Solutions
4300	Mega Tempering	4360	Guardian Fabrication, Inc.	4439	Shenzhen Jiayeda Glass Processing Co., LTD
4301	Mega Tempering	4361	Cardinal LG		
4302	Troy Systems LLC	4362	Cardinal LG	4440	Shenzhen Jiayeda Glass Processing Co., LTD
4303	Jiangmen SYP Engineering Glass Co., Ltd	4363	Changshu Zhongxin Bldg. Mat. Co.		
4304	Jiangmen SYP Engineering Glass Co., Ltd	4366	Trulite Glass & Aluminum Solutions	4441	Shenzhen Jiayeda Glass Processing Co., LTD
4305	Jiangmen SYP Engineering Glass Co., Ltd	4367	Trulite Glass & Aluminum Solutions		
4306	Jiangmen SYP Engineering Glass Co., Ltd	4368	Trulite Glass & Aluminum Solutions	4442	Viracon, Inc.
4307	Jiangmen SYP Engineering Glass Co., Ltd	4369	Trulite Glass & Aluminum Solutions	4443	Oldcastle BuildingEnvelope™
4308	Jiangmen SYP Engineering Glass Co., Ltd	4370	Trulite Glass & Aluminum Solutions	4444	Oldcastle BuildingEnvelope™
4309	Jiangmen SYP Engineering Glass Co., Ltd	4371	Trulite Glass & Aluminum Solutions	4446	Oldcastle BuildingEnvelope™
4310	Jiangmen SYP Engineering Glass Co., Ltd	4372	Trulite Glass & Aluminum Solutions	4448	Oldcastle BuildingEnvelope™
4312	Jiangmen SYP Engineering Glass Co., Ltd	4373	Trulite Glass & Aluminum Solutions	4449	Oldcastle BuildingEnvelope™
4315	Cuda Glass & Metals	4374	Trulite Glass & Aluminum Solutions	4450	Oldcastle BuildingEnvelope™
4316	Cardinal LG	4375	Glass Dynamics, Inc.	4451	Oldcastle BuildingEnvelope™
4317	Cardinal LG	4376	Glass Dynamics, Inc.	4452	Trulite Glass & Aluminum Solutions
4318	Maryland Glass & Mirror	4379	Wholesale Glass Dist.	4453	Trulite Glass & Aluminum Solutions
4319	Maryland Glass & Mirror	4380	Wholesale Glass Dist.	4454	Oldcastle BuildingEnvelope™
4320	Maryland Glass & Mirror	4381	Wholesale Glass Dist.	4455	Oldcastle BuildingEnvelope™
4321	Maryland Glass & Mirror	4382	Wholesale Glass Dist.	4456	Oldcastle BuildingEnvelope™
4322	Maryland Glass & Mirror	4384	Oldcastle BuildingEnvelope™	4457	Oldcastle BuildingEnvelope™
4326	SIGCO, Inc.	4386	Oldcastle BuildingEnvelope™	4458	Oldcastle BuildingEnvelope™
4327	SIGCO, Inc.	4387	Oldcastle BuildingEnvelope™	4460	Oldcastle BuildingEnvelope™
4328	Coastal Glass Distributors Inc.	4388	Engineered Glass Products, L.L.C.	4461	Oldcastle BuildingEnvelope™
4329	Coastal Glass Distributors Inc.	4389	Jiaying B&C Corporation	4468	Thermoseal Industries, LLC
4330	Coastal Glass Distributors Inc.	4394	Traco (Three Rivers Alum)	4470	Thermoseal Industries, LLC
4331	Coastal Glass Distributors Inc.	4395	Traco (Three Rivers Alum)	4471	Thermoseal Industries, LLC
4332	Coastal Glass Distributors Inc.	4396	Oldcastle BuildingEnvelope™	4473	Insulite Glass Co., Inc.
4333	Coastal Glass Distributors Inc.	4397	Oldcastle BuildingEnvelope™	4474	Insulite Glass Co., Inc.
		4398	Oldcastle BuildingEnvelope™	4475	Oldcastle BuildingEnvelope™
		4399	Oldcastle BuildingEnvelope™	4476	Oldcastle BuildingEnvelope™
		4400	Oldcastle BuildingEnvelope™	4477	Oldcastle BuildingEnvelope™
		4401	Oldcastle BuildingEnvelope™	4478	AGC Flat Glass North America
		4402	Oldcastle BuildingEnvelope™	4479	AGC Flat Glass North America
		4410	Tristar Glass Inc.	4495	Alyusuf Thermo Glass W.L.L.
		4411	Tristar Glass Inc.	4496	Alyusuf Thermo Glass W.L.L.
				4497	Alyusuf Thermo Glass W.L.L.

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4498	Alyusuf Thermo Glass W.L.L.	4579	Catalina Tempering	4641	Productos De Valor Agregado
4499	Diamond Sea Glaze	4580	Catalina Tempering	4642	Productos De Valor Agregado
4500	Diamond Sea Glaze	4581	Catalina Tempering	4643	Amsco Windows
4501	Diamond Sea Glaze	4582	Catalina Tempering	4644	AGC Flat Glass North America
4502	Diamond Sea Glaze	4583	Guardian Fabrication, Inc.	4645	Productos De Valor Agregado
4503	Diamond Sea Glaze	4584	Cardinal LG	4647	American Shower Door
4504	Diamond Sea Glaze	4587	Cardinal LG	4648	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
4505	Diamond Sea Glaze	4588	Intigral	4649	AGC Flat Glass North America
4506	Diamond Sea Glaze	4589	Arlene Stained Glass & Door	4651	Vitra Vidrios Transformados SA de CV
4507	Denver Glass Interiors, Inc.	4590	Al Abbar Architectural Glass	4652	Vitra Vidrios Transformados SA de CV
4508	Denver Glass Interiors, Inc.	4591	New Angle Beveling	4653	Vitra Vidrios Transformados SA de CV
4509	Techni-Glass, Inc.	4592	New Angle Beveling	4654	Vitra Vidrios Transformados SA de CV
4510	Techni-Glass, Inc.	4593	New Angle Beveling	4655	Vitra Vidrios Transformados SA de CV
4512	Perficom, S.A. de C.V.	4594	New Angle Beveling	4656	Guardian Webster, Inc.
4513	Hangzhou Zhongtian Glass Co. Ltd.	4595	New Angle Beveling	4657	Changshu Xingfu Glass Building Material Co., LTD
4514	Hangzhou Zhongtian Glass Co. Ltd.	4596	Trulite Glass & Aluminum Solutions	4658	Guardian Industries Corp.
4515	Hangzhou Zhongtian Glass Co. Ltd.	4597	White Aluminum Enterprises LLC	4659	Guardian Industries Corp.
4516	Hangzhou Zhongtian Glass Co. Ltd.	4598	White Aluminum Enterprises LLC	4661	The Original Frameless Shower Door
4522	Trulite Glass & Aluminum Solutions	4599	Cardinal CG	4662	The Original Frameless Shower Door
4523	Insulpane Inc.	4600	Guardian Industries Corp.	4663	The Original Frameless Shower Door
4524	Multiver	4601	Trulite Glass & Aluminum Solutions	4666	Trulite Glass & Aluminum Solutions
4526	Oldcastle BuildingEnvelope™	4602	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4667	Trulite Glass & Aluminum Solutions
4527	Oldcastle BuildingEnvelope™	4604	Guardian Industries Corp.	4668	Kohler Company
4528	Oldcastle BuildingEnvelope™	4605	Guardian Industries Corp.	4675	Reem Emirates Glass
4529	Oldcastle BuildingEnvelope™	4606	Guardian Industries Corp.	4676	Reem Emirates Glass
4530	Mercer Glass Fab LLC	4607	Guardian Industries Corp.	4677	Reem Emirates Glass
4531	Oldcastle BuildingEnvelope™	4608	Guardian Industries Corp.	4678	Richwood Company, Inc.
4533	Oldcastle BuildingEnvelope™	4609	Guardian Industries Corp.	4679	Richwood Company, Inc.
4535	Guangdong Golden Glass Technologies Limited	4610	Guardian Industries Corp.	4680	Beijing Northglass Safety Glass Co. Ltd.
4537	Guardian Industries Canada Corp.	4611	Guardian Industries Corp.	4681	Beijing Northglass Safety Glass Co. Ltd.
4538	Guardian Industries Canada Corp.	4612	Guardian Industries Corp.	4682	Integral Seal Mfg. Inc.
4539	Guardian Industries Canada Corp.	4613	Guardian Industries Corp.	4683	Integral Seal Mfg. Inc.
4540	Guardian Industries Canada Corp.	4615	American Shower Door	4684	Integral Seal Mfg. Inc.
4541	Glasser SA de CV	4616	American Shower Door	4685	Pulp Studio Inc.
4543	SIGCO, Inc.	4618	Oldcastle BuildingEnvelope™	4686	Hartung Glass Industries Tempered
4546	Cleer Vision Tempered Glass	4619	Oldcastle BuildingEnvelope™	4687	Addis Glass
4547	Cleer Vision Tempered Glass	4620	Catalina Tempering Ohio	4688	Addis Glass
4554	Trulite Glass & Aluminum Solutions	4621	Catalina Tempering Ohio	4689	Addis Glass
4555	Trulite Glass & Aluminum Solutions	4622	Catalina Tempering Ohio	4690	Yitian (Cattis) Glass Product Co., Ltd
4557	Guardian Fabrication, Inc.	4623	Catalina Tempering Ohio	4691	Yitian (Cattis) Glass Product Co., Ltd
4558	Oldcastle BuildingEnvelope™	4624	Catalina Tempering Ohio	4692	Yitian (Cattis) Glass Product Co., Ltd
4561	Oldcastle BuildingEnvelope™	4626	Downey Glass Industries, LLC	4693	Yitian (Cattis) Glass Product Co., Ltd
4562	Oldcastle BuildingEnvelope™	4627	Guardian Industries Corp.	4694	Yitian (Cattis) Glass Product Co., Ltd
4563	Oldcastle BuildingEnvelope™	4628	Glass Enterprises, Inc.		
4564	Cardinal IG	4629	Glass Enterprises, Inc.		
4565	Cardinal IG	4630	Cardinal CG		
4566	Dallas Flat Glass Distributors, Inc.	4631	Hartung Glass Industries Tempered		
4567	Dallas Flat Glass Distributors, Inc.	4632	Guardian Industries Corp.		
4571	Architectural Glass Products, LLC	4633	Guardian Industries Corp.		
4572	Architectural Glass Products, LLC	4634	Guardian Industries Corp.		
4573	Architectural Glass Products, LLC	4635	Qinhuangdao High-Tech Energy-Saving Dorwin Co Ltd		
4574	Architectural Glass Products, LLC	4636	United Plate Glass Company of Charlotte		
4575	Jiangmen SYP Engineering Glass Co., Ltd	4638	Flat Glass Distributors, Inc.		
4576	Oldcastle BuildingEnvelope™	4639	Productos De Valor Agregado		
4578	Catalina Tempering	4640	Productos De Valor Agregado		

July 1, 2012

*Certified Products-Numerical Sequence*

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4695	Yitian (Cattis) Glass Product Co., Ltd	4752	Trulite Glass & Aluminum Solutions		
4697	Custom Glass Designs	4753	Trulite Glass & Aluminum Solutions		
4698	Custom Glass Designs	4754	Trulite Glass & Aluminum Solutions		
4700	Oldcastle BuildingEnvelope™	4755	Trulite Glass & Aluminum Solutions		
4701	Contour Industries, Inc.	4756	Catalina Tempering		
4702	Contour Industries, Inc.	4757	Catalina Tempering		
4703	Contour Industries, Inc.	4758	Catalina Tempering		
4704	Contour Industries, Inc.	4759	Catalina Tempering		
4705	Contour Industries, Inc.	4760	Catalina Tempering		
4706	Contour Industries, Inc.	4761	Catalina Tempering		
4707	Contour Industries, Inc.	4762	Vidrios Marte SA de CV		
4708	Contour Industries, Inc.	4763	Dallas Flat Glass Distributors, Inc.		
4709	Contour Industries, Inc.	4764	Global Security Glazing		
4710	Oldcastle BuildingEnvelope™	4765	Global Security Glazing		
4711	Pulp Studio Inc.	4766	Global Security Glazing		
4712	Vidrios El Castillo SC de RL de CV	4767	Global Security Glazing		
4713	Vidrios El Castillo SC de RL de CV	4768	Global Security Glazing		
4714	Consolidated Glass Corp.	4769	Global Security Glazing		
4715	AGP, LLC	4770	Global Security Glazing		
4716	AGP, LLC	4771	A Plus Glass Services		
4717	AGP, LLC	4772	A Plus Glass Services		
4718	AGP, LLC	4773	A Plus Glass Services		
4719	AGP, LLC	4774	GGI Glass Distributors Corp.		
4720	Viracon, Inc.	4775	Cardinal CG		
4722	Fairis C.A.	4776	Quality Glass and Mirror Service, Inc.		
4723	Guangdong Golden Glass Technologies Limited	4777	Quality Glass and Mirror Service, Inc.		
4724	Addis Glass	4778	Viracon, Inc.		
4725	Soladigm	4779	Viracon, Inc.		
4726	Soladigm	4780	Cardinal Solar Tecologies		
4727	Soladigm	4781	Cardinal Solar Tecologies		
4728	Soladigm	4782	Cardinal Solar Tecologies		
4729	Dolphin Glass Specialists, LLC	4783	Cardinal Solar Tecologies		
4730	Tacoma Glass Mfg. Inc.	4784	Viracon, Inc.		
4731	Tacoma Glass Mfg. Inc.	4785	Consolidated Glass Corp.		
4732	Tacoma Glass Mfg. Inc.	4786	Bestroom Co., Ltd.		
4733	Tacoma Glass Mfg. Inc.	4787	Oldcastle BuildingEnvelope™		
4735	Tacoma Glass Mfg. Inc.	4788	Productos De Valor Agregado		
4737	Foshan Jinyaochang Tempered Glass Company Limited	4789	AGP, LLC		
4738	Foshan Jinyaochang Tempered Glass Company Limited	4790	Dallas Flat Glass Distributors, Inc.		
4739	Foshan Jinyaochang Tempered Glass Company Limited	4791	D3 Glass, LLC		
4740	Foshan Jinyaochang Tempered Glass Company Limited	4792	D3 Glass, LLC		
4741	Viracon, Inc.	4793	D3 Glass, LLC		
4742	Catalina Tempering	4794	Trulite Glass & Aluminum Solutions		
4743	Trulite Glass & Aluminum Solutions	4795	D3 Glass, LLC		
4744	Trulite Glass & Aluminum Solutions	4800	Guardian Industries Corp.		
4745	Trulite Glass & Aluminum Solutions	4802	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.		
4746	Trulite Glass & Aluminum Solutions				
4747	Trulite Glass & Aluminum Solutions	4803	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.		
4748	Trulite Glass & Aluminum Solutions				
4749	Trulite Glass & Aluminum Solutions				
4750	Trulite Glass & Aluminum Solutions				
4751	Trulite Glass & Aluminum Solutions				



*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
<b>A Plus Glass Services ; Medley, FL</b>						<b>AGC Flat Glass North America ; Jacksonville, FL</b>					
4771	COMPOSITE	1/4	6.0 TTG	U	A	3006	COMPOSITE	1/8	3.0 TTG	U	A
4772	COMPOSITE	3/8	10.0 TTG	U	A	3786	COMPOSITE	5/32	4.0 TTG	U	A
4773	COMPOSITE	1/2	12.0 TTG	U	A	3007	COMPOSITE	3/16	5.0 TTG	U	A
<b>Addis Glass ; Hamilton, OH</b>						<b>AGC Flat Glass North America ; Kingsport, TN</b>					
4139	COMPOSITE	1/8	3.0 TTG	U	A	1414	COMPOSITE	1/8	3.0 TPG (m)	U	A
4724	COMPOSITE	3/16	5.0 TTG	U	A	2249	COMPOSITE	5/32	4.0 TPG (m)	U	A
3810	COMPOSITE	1/4	6.0 TTG	U	A	<b>AGC Flat Glass North America ; Knoxville, TN</b>					
3811	COMPOSITE	3/8	10.0 TTG	U	A	4209	COMPOSITE	1/8	3.0 TTG	U	A
3812	COMPOSITE	1/2	12.0 TTG	U	A	4152	COMPOSITE	3/16	5.0 TTG	U	A
4687	COMPOSITE	1/8	3.0 TPG (s)	U	A	4153	COMPOSITE	1/4	6.0 TTG	U	A
4688	COMPOSITE	3/16	5.0 TPG (m)	U	A	4158	COMPOSITE	3/8	10.0 TTG	U	A
4689	COMPOSITE	1/4	6.0 TPG (s)	U	A	4159	COMPOSITE	1/2	12.0 TTG	U	A
<b>AGC Flat Glass North America ; Alvarado, TX</b>						<b>AGC Flat Glass North America ; Marietta, GA</b>					
3677	COMPOSITE	1/8	3.0 TTG	U	A	1405	COMPOSITE	1/8	3.0 TTG	U	A
3814	COMPOSITE	3/16	5.0 TTG	U	A	1967	COMPOSITE	5/32	4.0 TTG	U	A
1710	COMPOSITE	1/4	6.0 TTG	U	A	1230	COMPOSITE	3/16	5.0 TTG	U	A
1711	COMPOSITE	3/8	10.0 TTG	U	A	1231	COMPOSITE	1/4	6.0 TTG	U	A
1712	COMPOSITE	1/2	12.0 TTG	U	A	1232	COMPOSITE	3/8	10.0 TTG	U	A
3815	COMPOSITE	1/8	3.0 TPG (m)	U	A	1406	COMPOSITE	1/2	12.0 TTG	U	A
2406	COMPOSITE	5/32	4.0 TPG (m)	U	A	1428	COMPOSITE	5/32	4.0 TPG (s)	U	A
1714	COMPOSITE	3/16	5.0 TPG (s)	U	A	2054	COMPOSITE	3/16	5.0 TPG (d)	U	A
<b>AGC Flat Glass North America ; Carbondale, PA</b>						<b>AGC Flat Glass North America ; Opelousas, LA</b>					
4644	COMPOSITE (S)		6 LTG (b)	(.030)	U A	2899	COMPOSITE	1/8	3.0 TTG	U	A
4232	COMPOSITE (H)		10-12 LTG (b)	(.030)	U A	3705	COMPOSITE	5/32	4.0 TTG	U	A
<b>AGC Flat Glass North America ; Fall River, MA</b>						<b>AGC Flat Glass North America ; Quakertown, PA</b>					
1518	COMPOSITE	1/8	3.0 TTG	U	A	2507	COMPOSITE	1/8	3.0 TTG	U	A
3553	COMPOSITE	5/32	4.0 TTG	U	A	3421	COMPOSITE	5/32	4.0 TTG	U	A
3648	COMPOSITE	3/16	5.0 TTG	U	A	2509	COMPOSITE	3/16	5.0 TTG	U	A
1520	COMPOSITE	1/4	6.0 TTG	U	A	2666	COMPOSITE	1/4	6.0 TTG	U	A
1521	COMPOSITE	3/8	10.0 TTG	U	A	2510	COMPOSITE	1/8	3.0 TPG (m)	U	A
1522	COMPOSITE	1/2	12.0 TTG	U	A	3698	COMPOSITE	3/16	5.0 TPG (m)	U	A
2160	COMPOSITE	5/32	4.0 TPG (s)	U	A						
1523	COMPOSITE	3/16	5.0 TPG (s)	U	A						
<b>AGC Flat Glass North America ; Greenland, TN</b>											
598	COMPOSITE	1/8	3.0 TTG	U	A						
955	COMPOSITE	5/32	4.0 TTG	U	A						
220	COMPOSITE	3/16	5.0 TTG	U	A						
89	COMPOSITE	1/4	6.0 TTG	U	A						
4046	COMPOSITE	5/16	8.0 TTG	U	A						
90	COMPOSITE	3/8	10.0 TTG	U	A						
587	COMPOSITE	1/8	3.0 TPG (s)	U	A						
2980	COMPOSITE	5/32	4.0 TPG (m)	U	A						
1139	COMPOSITE	3/16	5.0 TPG (s)	U	A						
<b>AGC Flat Glass North America ; Hebron, OH</b>											
3663	COMPOSITE	1/8	3.0 TTG	U	A						
3091	COMPOSITE	5/32	4.0 TTG	U	A						
2197	COMPOSITE	3/16	5.0 TTG	U	A						
2198	COMPOSITE	1/4	6.0 TTG	U	A						
2199	COMPOSITE	3/8	10.0 TTG	U	A						
2200	COMPOSITE	1/2	12.0 TTG	U	A						
3768	COMPOSITE	1/8	3.0 TPG (m)	U	A						
2768	COMPOSITE	5/32	4.0 TPG (m)	U	A						
2592	COMPOSITE	3/16	5.0 TPG (d)	U	A						
3081	COMPOSITE	1/4	6.0 TPG (d)	U	A						
3082	COMPOSITE	3/8	10.0 TPG (d)	U	A						

**Certified Products-Alphabetical By Plant**

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	
<b>AGC Flat Glass North America ; Richmond, VA</b>						<b>All Team Glass &amp; Mirror, Ltd. ; Woodbridge, ON Canada</b>						
2521	COMPOSITE	1/8	3.0 TTG	U	A	1754	COMPOSITE	5/32	4.0 TTG	U	A	
2480	COMPOSITE	5/32	4.0 TTG	U	A	1755	COMPOSITE	3/16	5.0 TTG	U	A	
2522	COMPOSITE	3/16	5.0 TTG	U	A	1756	COMPOSITE	1/4	6.0 TTG	U	A	
1957	COMPOSITE	1/4	6.0 TTG	U	A	2790	COMPOSITE	5/16	8.0 TTG	U	A	
1958	COMPOSITE	3/8	10.0 TTG	U	A	1757	COMPOSITE	3/8	10.0 TTG	U	A	
1959	COMPOSITE	1/2	12.0 TTG	U	A	1758	COMPOSITE	1/2	12.0 TTG	U	A	
4649	COMPOSITE	1/8	3.0 TPG (s)	U	A	4355	COMPOSITE	5/8	16.0 TTG	U	A	
2999	COMPOSITE	3/16	5.0 TPG (m)	U	A	3656	COMPOSITE	3/4	19.0 TTG	U	A	
<b>AGC Flat Glass North America ; Salt Lake City, UT</b>						<b>Alyusuf Thermo Glass W.L.L. ; Manama, Bahrain</b>						
4265	COMPOSITE	1/8	3.0 TTG	U	A	4495	COMPOSITE	1/4	6.0 TTG	U	A	
4478	COMPOSITE	5/32	4.0 TTG	U	A	4496	COMPOSITE	5/16	8.0 TTG	U	A	
4266	COMPOSITE	3/16	5.0 TTG	U	A	4497	COMPOSITE	3/8	10.0 TTG	U	A	
4267	COMPOSITE	1/4	6.0 TTG	U	A	4498	COMPOSITE	1/2	12.0 TTG	U	A	
4268	COMPOSITE	3/8	10.0 TTG	U	A	<b>American Shower Door ; Los Angeles, CA</b>						
4269	COMPOSITE	1/2	12.0 TTG	U	A	4616	COMPOSITE	3/16	5.0 TTG	U	A	
4270	COMPOSITE	1/8	3.0 TPG (s)	U	A	3039	COMPOSITE	1/4	6.0 TTG	U	A	
4271	COMPOSITE	5/32	4.0 TPG (s)	U	A	3040	COMPOSITE	3/8	10.0 TTG	U	A	
4272	COMPOSITE	3/16	5.0 TPG (m)	U	A	3041	COMPOSITE	1/2	12.0 TTG	U	A	
4479	COMPOSITE	3/8	10.0 TPG (s)	U	A	4615	COMPOSITE	3/4	19.0 TTG	U	A	
<b>AGC Flat Glass North America ; San Antonio, TX</b>						<b>Amsco Windows ; Salt Lake City, UT</b>						
3645	COMPOSITE	1/8	3.0 TTG	U	A	3042	COMPOSITE	1/4	6.0 TPG (s)	U	A	
3646	COMPOSITE	5/32	4.0 TTG	U	A	3043	COMPOSITE	3/8	10.0 TPG (s)	U	A	
3839	COMPOSITE	3/16	5.0 TTG	U	A	4647	COMPOSITE	(H)	10-12 LTG (ev)	(.030)	U	A
3326	COMPOSITE	1/4	6.0 TTG	U	A	<b>Amsco Windows ; Salt Lake City, UT</b>						
3327	COMPOSITE	3/8	10.0 TTG	U	A	2578	COMPOSITE	1/8	3.0 TTG	U	A	
4277	COMPOSITE	1/2	12.0 TTG	U	A	4643	COMPOSITE	5/32	4.0 TTG	U	A	
3818	COMPOSITE	1/8	3.0 TPG (s)	U	A	2580	COMPOSITE	3/16	5.0 TTG	U	A	
3647	COMPOSITE	5/32	4.0 TPG (m)	U	A	2581	COMPOSITE	1/4	6.0 TTG	U	A	
4342	COMPOSITE	3/16	5.0 TPG (d)	U	A	2582	COMPOSITE	1/8	3.0 TPG (s)	U	A	
3819	COMPOSITE	1/4	6.0 TPG (s)	U	A	2584	COMPOSITE	3/16	5.0 TPG (m)	U	A	
3820	COMPOSITE	3/8	10.0 TPG (s)	U	A	<b>Anlin Industries ; Clovis, CA</b>						
<b>AGC Flat Glass North America ; Spring Hill, KS</b>						<b>Anthony International ; Madison, GA</b>						
1702	COMPOSITE	1/8	3.0 TTG	U	A	3360	COMPOSITE	1/8	3.0 TTG	U	A	
1703	COMPOSITE	5/32	4.0 TTG	U	A	3079	COMPOSITE	3/16	5.0 TTG	U	A	
1704	COMPOSITE	3/16	5.0 TTG	U	A	3076	COMPOSITE	1/8	3.0 TPG (m)	U	A	
1705	COMPOSITE	1/4	6.0 TTG	U	A	3077	COMPOSITE	5/32	4.0 TPG (d)	U	A	
<b>AGP, LLC ; Miramar, FL</b>						<b>Anthony International ; Madison, GA</b>						
4715	COMPOSITE	1/8	3.0 TTG	U	A	3078	COMPOSITE	3/16	5.0 TPG (m)	U	A	
4716	COMPOSITE	3/16	5.0 TTG	U	A	<b>Anthony International ; Madison, GA</b>						
4717	COMPOSITE	1/4	6.0 TTG	U	A	3249	COMPOSITE	1/8	3.0 TTG	U	A	
4718	COMPOSITE	3/8	10.0 TTG	U	A	3027	COMPOSITE	5/32	4.0 TTG	U	A	
4719	COMPOSITE	1/2	12.0 TTG	U	A	2352	COMPOSITE	3/16	5.0 TTG	U	A	
4789	COMPOSITE	(H)	12 LTG (lu)	(.090)	U	2353	COMPOSITE	1/4	6.0 TTG	U	A	
<b>Al Abbar Architectural Glass ; Dubai UAE</b>						<b>Anthony International ; San Fernando, CA</b>						
3556	COMPOSITE	1/4	6.0 TTG	U	A	2453	COMPOSITE	3/8	10.0 TTG	U	A	
3557	COMPOSITE	5/16	8.0 TTG	U	A	2727	COMPOSITE	1/8	3.0 TBG	U	A	
3558	COMPOSITE	3/8	10.0 TTG	U	A	2305	COMPOSITE	5/32	4.0 TBG	U	A	
4590	COMPOSITE	1/2	12.0 TTG	U	A	2306	COMPOSITE	3/16	5.0 TBG	U	A	
3976	COMPOSITE	*	15.0 TTG (4)	U	A	2307	COMPOSITE	1/4	6.0 TBG	U	A	
3977	COMPOSITE	3/4	19.0 TTG	U	A	<b>Anthony International ; San Fernando, CA</b>						
3560	COMPOSITE	(H)	12 LTG (b)	(.030)	U	520	ANSI ONLY	1/8	3.0 TTG	U	A	
						<b>Architectural Glass Products, LLC ; St. Louis, MO</b>						
						4571	COMPOSITE	1/8	3.0 TTG	U	A	
						4572	COMPOSITE	3/16	5.0 TTG	U	A	
						4573	COMPOSITE	1/4	6.0 TTG	U	A	
						4574	COMPOSITE	3/16	5.0 TPG (s)	U	A	

*Certified Products-Alphabetical By Plant*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Arlene Stained Glass &amp; Door ; Houston, TX</b>						<b>Cardinal CG ; Galt, CA</b>					
4589	COMPOSITE	1/8	3.0 TTG	U	A	2357	COMPOSITE	1/8	3.0 TTG	U	A
3583	COMPOSITE	3/16	5.0 TTG	U	A	2358	COMPOSITE	5/32	4.0 TTG	U	A
3584	COMPOSITE	1/4	6.0 TTG	U	A	2359	COMPOSITE	3/16	5.0 TTG	U	A
3585	COMPOSITE	5/32	4.0 TPG (s)	U	A	2360	COMPOSITE	1/4	6.0 TTG	U	A
<b>AVIC Sanxin Co. Ltd. ; Shenzhen, China</b>						<b>Cardinal CG ; Loveland, CO</b>					
3567	COMPOSITE	1/4	6.0 TTG	U	A	3579	COMPOSITE	1/8	3.0 TTG	U	A
3568	COMPOSITE	5/16	8.0 TTG	U	A	3580	COMPOSITE	5/32	4.0 TTG	U	A
3569	COMPOSITE	3/8	10.0 TTG	U	A	3581	COMPOSITE	3/16	5.0 TTG	U	A
3570	COMPOSITE	1/2	12.0 TTG	U	A	3555	COMPOSITE	1/4	6.0 TTG	U	A
3571	COMPOSITE	*	15.0 TTG (3)	U	A	4343	COMPOSITE	1/8	3.0 TPG (s)	U	A
3572	COMPOSITE	3/4	19.0 TTG	U	A	4344	COMPOSITE	5/32	4.0 TPG (d)	U	A
3573	COMPOSITE	(H)	12+ LTG (b)	(.030)	U A	4345	COMPOSITE	3/16	5.0 TPG (m)	U	A
<b>Beijing Northglass Safety Glass Co. Ltd. ; Beijing, China</b>						<b>Cardinal CG ; Moreno Valley, CA</b>					
4680	COMPOSITE	1/4	6.0 TTG	U	A	2293	CPSC ONLY	1/8	3.0 TTG	U	
4681	COMPOSITE	3/4	19.0 TTG	U	A	2294	CPSC ONLY	5/32	4.0 TTG	U	
4279	COMPOSITE	(H)	22+ LTG (ip)	(.060)	U A	2295	CPSC ONLY	3/16	5.0 TTG	U	
<b>Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany</b>						<b>Cardinal CG ; Northfield, MN</b>					
2570	COMPOSITE	*	6.0 TBG (2)		20x76 A	1985	COMPOSITE	1/8	3.0 TTG	U	A
2569	COMPOSITE	*	7.0 TBG (2)		16x76 A	1986	COMPOSITE	5/32	4.0 TTG	U	A
<b>Berkowitz, J.E. ; Pedricktown, NJ</b>						<b>Cardinal CG ; Spring Green, WI</b>					
1990	COMPOSITE	1/4	6.0 TTG	U	A	1987	COMPOSITE	3/16	5.0 TTG	U	A
2646	COMPOSITE	3/8	10.0 TTG	U	A	1988	COMPOSITE	1/4	6.0 TTG	U	A
1991	COMPOSITE	1/2	12.0 TTG	U	A	4775	COMPOSITE	5/16	8.0 TTG	U	A
2647	COMPOSITE	3/4	19.0 TTG	U	A	4137	COMPOSITE	3/8	10.0 TTG	U	A
3749	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	4630	COMPOSITE	1/2	12.0 TTG	U	A
3750	COMPOSITE	(H)	10-12 LTG (b)	(.030)	U A	2011	COMPOSITE	1/8	3.0 TPG (s)	U	A
<b>Bestroom Co., Ltd. ; Gangwon Do, Korea</b>						<b>Cardinal CG ; Tumwater, WA</b>					
4786	COMPOSITE	(H)	10 LTG (lu)	(.045)	U A	2012	COMPOSITE	5/32	4.0 TPG (s)	U	A
<b>Cameron Glass, Inc. ; Broken Arrow, OK</b>						<b>Cardinal CG ; Waxahachie, TX</b>					
2501	COMPOSITE	3/16	5.0 TTG	U	A	2699	COMPOSITE	1/8	3.0 TTG	U	A
2455	COMPOSITE	1/4	6.0 TTG	U	A	2700	COMPOSITE	5/32	4.0 TTG	U	A
2032	COMPOSITE	3/8	10.0 TTG	U	A	2701	COMPOSITE	3/16	5.0 TTG	U	A
2033	COMPOSITE	1/2	12.0 TTG	U	A	2702	COMPOSITE	1/4	6.0 TTG	U	A
<b>Cardinal CG ; Buford, GA</b>						<b>Cardinal CG ; Casa Grande, AZ</b>					
1921	COMPOSITE	1/8	3.0 TTG	U	A	2878	COMPOSITE	1/8	3.0 TTG	U	A
1922	COMPOSITE	5/32	4.0 TTG	U	A	2879	COMPOSITE	5/32	4.0 TTG	U	A
1923	COMPOSITE	3/16	5.0 TTG	U	A	2880	COMPOSITE	3/16	5.0 TTG	U	A
1924	COMPOSITE	1/4	6.0 TTG	U	A	2881	COMPOSITE	1/4	6.0 TTG	U	A
2146	COMPOSITE	1/8	3.0 TPG (s)	U	A	4103	COMPOSITE	1/8	3.0 TPG (s)	U	A
4599	COMPOSITE	3/16	5.0 TPG (s)	U	A	4104	COMPOSITE	5/32	4.0 TPG (d)	U	A
<b>Cardinal CG ; Casa Grande, AZ</b>						<b>Cardinal CG ; Waxahachie, TX</b>					
2878	COMPOSITE	1/8	3.0 TTG	U	A	2705	COMPOSITE	3/16	5.0 TPG (m)	U	A
2879	COMPOSITE	5/32	4.0 TTG	U	A						
2880	COMPOSITE	3/16	5.0 TTG	U	A						
2881	COMPOSITE	1/4	6.0 TTG	U	A						
4103	COMPOSITE	1/8	3.0 TPG (s)	U	A						
4104	COMPOSITE	5/32	4.0 TPG (d)	U	A						
4105	COMPOSITE	3/16	5.0 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	
<b>Cardinal FG ; Durant, OK</b>							<b>Cardinal IG ; Tomah, WI</b>							
2909	COMPOSITE	1/8		3.0 TTG	U	A	2317	COMPOSITE	1/8		3.0 TTG	U	A	
2910	COMPOSITE	5/32		4.0 TTG	U	A	2318	COMPOSITE	5/32		4.0 TTG	U	A	
2911	COMPOSITE	3/16		5.0 TTG	U	A	2319	COMPOSITE	3/16		5.0 TTG	U	A	
2912	COMPOSITE	1/4		6.0 TTG	U	A	2320	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Cardinal IG ; Fargo, ND</b>							<b>Cardinal IG ; Vinton, VA</b>							
2235	COMPOSITE	1/8		3.0 TTG	U	A	2321	COMPOSITE	1/8		3.0 TPG (m)	U	A	
2234	COMPOSITE	5/32		4.0 TTG	U	A	2322	COMPOSITE	5/32		4.0 TPG (d)	U	A	
2233	COMPOSITE	3/16		5.0 TTG	U	A	2323	COMPOSITE	3/16		5.0 TPG (d)	U	A	
2232	COMPOSITE	1/4		6.0 TTG	U	A	<b>Cardinal IG ; Waxahachie, TX</b>							
2231	COMPOSITE	1/8		3.0 TPG (s)	U	A	2328	COMPOSITE	1/8		3.0 TTG	U	A	
2285	COMPOSITE	5/32		4.0 TPG (m)	U	A	2329	COMPOSITE	5/32		4.0 TTG	U	A	
2286	COMPOSITE	3/16		5.0 TPG (s)	U	A	2330	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Cardinal IG ; Fremont, IN</b>							<b>Cardinal LG ; Amery, WI</b>							
2176	COMPOSITE	1/8		3.0 TTG	U	A	2976	COMPOSITE	(S)		5-6 LTG (b)	(.030)	U	A
2177	COMPOSITE	5/32		4.0 TTG	U	A	4350	COMPOSITE	(S)		5-6 LTG (ip)	(.060)	U	A
2178	COMPOSITE	3/16		5.0 TTG	U	A	4120	COMPOSITE	(S)		5 LTG (b)	.015(C1)	U	B
2179	COMPOSITE	1/4		6.0 TTG	U	A	2462	COMPOSITE	(H)		8-12 LTG (b)	(.030)	U	A
2203	COMPOSITE	1/8		3.0 TPG (s)	U	A	4351	COMPOSITE	(H)		8-12 LTG (ip)	(.060)	U	A
2204	COMPOSITE	5/32		4.0 TPG (d)	U	A	<b>Cardinal LG ; Ocala, FL</b>							
2205	COMPOSITE	3/16		5.0 TPG (s)	U	A	3505	COMPOSITE	1/8		3.0 TTG	U	A	
<b>Cardinal IG ; Greenfield, IA</b>							<b>Cardinal LG ; Mazomanie, WI</b>							
1827	COMPOSITE	1/8		3.0 TTG	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
1828	CPSC ONLY	5/32		4.0 TTG	U		4781	COMPOSITE	5/32		4.0 TTG	U	A	
1829	CPSC ONLY	3/16		5.0 TTG	U		4782	COMPOSITE	3/16		5.0 TTG	U	A	
1830	CPSC ONLY	1/4		6.0 TTG	U		4783	COMPOSITE	1/4		6.0 TTG	U	A	
1841	CPSC ONLY	1/8		3.0 TPG (s)	U		<b>Cardinal Tempering ; Louisville, KY</b>							
1842	CPSC ONLY	5/32		4.0 TPG (d)	U		3871	COMPOSITE	5/32		4.0 TTG	U	A	
1843	CPSC ONLY	3/16		5.0 TPG (s)	U		3872	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Cardinal IG ; Hood River, OR</b>							<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
2831	COMPOSITE	1/8		3.0 TTG	U	A	5309	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
2858	COMPOSITE	5/32		4.0 TTG	U	A	3510	COMPOSITE	(H)		8-12 LTG (b)	(.030)	U	A
2833	COMPOSITE	3/16		5.0 TTG	U	A	4362	COMPOSITE	(H)		8-12 LTG (ip)	(.035)	U	A
2834	COMPOSITE	1/4		6.0 TTG	U	A	<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
4564	COMPOSITE	5/16		8.0 TTG	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
4565	COMPOSITE	3/8		10.0 TTG	U	A	4781	COMPOSITE	5/32		4.0 TTG	U	A	
2857	COMPOSITE	1/8		3.0 TPG (m)	U	A	4782	COMPOSITE	3/16		5.0 TTG	U	A	
2832	COMPOSITE	5/32		4.0 TPG (d)	U	A	4783	COMPOSITE	1/4		6.0 TTG	U	A	
2859	COMPOSITE	3/16		5.0 TPG (m)	U	A	<b>Cardinal Tempering ; Louisville, KY</b>							
<b>Cardinal IG ; Mountain Top, PA</b>							<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
3068	COMPOSITE	1/8		3.0 TTG	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
3069	COMPOSITE	5/32		4.0 TTG	U	A	4781	COMPOSITE	5/32		4.0 TTG	U	A	
3070	COMPOSITE	3/16		5.0 TTG	U	A	4782	COMPOSITE	3/16		5.0 TTG	U	A	
3071	COMPOSITE	1/4		6.0 TTG	U	A	4783	COMPOSITE	1/4		6.0 TTG	U	A	
3073	COMPOSITE	1/8		3.0 TPG (s)	U	A	<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
3115	COMPOSITE	5/32		4.0 TPG (s)	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
3072	COMPOSITE	3/16		5.0 TPG (s)	U	A	4781	COMPOSITE	5/32		4.0 TTG	U	A	
<b>Cardinal IG ; Spring Green, WI</b>							<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
1831	COMPOSITE	1/8		3.0 TTG	U	A	4782	COMPOSITE	3/16		5.0 TTG	U	A	
1832	COMPOSITE	5/32		4.0 TTG	U	A	4783	COMPOSITE	1/4		6.0 TTG	U	A	
1833	COMPOSITE	3/16		5.0 TTG	U	A	<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
1834	COMPOSITE	1/4		6.0 TTG	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
1844	COMPOSITE	1/8		3.0 TPG (s)	U	A	4781	COMPOSITE	5/32		4.0 TTG	U	A	
1845	COMPOSITE	5/32		4.0 TPG (m)	U	A	4782	COMPOSITE	3/16		5.0 TTG	U	A	
1846	COMPOSITE	3/16		5.0 TPG (s)	U	A	4783	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Cardinal IG ; Spring Green, WI</b>							<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
1831	COMPOSITE	1/8		3.0 TTG	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
1832	COMPOSITE	5/32		4.0 TTG	U	A	4781	COMPOSITE	5/32		4.0 TTG	U	A	
1833	COMPOSITE	3/16		5.0 TTG	U	A	4782	COMPOSITE	3/16		5.0 TTG	U	A	
1834	COMPOSITE	1/4		6.0 TTG	U	A	4783	COMPOSITE	1/4		6.0 TTG	U	A	
1844	COMPOSITE	1/8		3.0 TPG (s)	U	A	<b>Cardinal Solar Technologies ; Mazomanie, WI</b>							
1845	COMPOSITE	5/32		4.0 TPG (m)	U	A	4780	COMPOSITE	1/8		3.0 TTG	U	A	
1846	COMPOSITE	3/16		5.0 TPG (s)	U	A	4781	COMPOSITE	5/32		4.0 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
<b>Cardinal TG ; Chehalis, WA</b>							<b>Cleer Vision Tempered Glass ; Elkhart, IN</b>						
3455	COMPOSITE	1/8		3.0 TTG	U	A	4546	COMPOSITE	1/8		3.0 TTG	U	A
3456	COMPOSITE	5/32		4.0 TTG	U	A	4547	COMPOSITE	5/32		4.0 TTG	U	A
3458	COMPOSITE	3/16		5.0 TTG	U	A	<b>Coastal Glass Distributors Inc. ; Charleston, SC</b>						
3459	COMPOSITE	1/4		6.0 TTG	U	A	4328	COMPOSITE	1/8		3.0 TTG	U	A
<b>Cardinal TG ; Tomah, WI</b>							4329	COMPOSITE	5/32		4.0 TTG	U	A
1804	COMPOSITE	1/8		3.0 TTG	U	A	4330	COMPOSITE	3/16		5.0 TTG	U	A
1805	COMPOSITE	5/32		4.0 TTG	U	A	4331	COMPOSITE	1/4		6.0 TTG	U	A
1806	COMPOSITE	3/16		5.0 TTG	U	A	4335	COMPOSITE	3/8		10.0 TTG	U	A
1807	COMPOSITE	1/4		6.0 TTG	U	A	4336	COMPOSITE	1/2		12.0 TTG	U	A
<b>Catalina Tempering ; Easton, PA</b>							4332	COMPOSITE	1/8		3.0 TPG (s)	U	A
4756	COMPOSITE	1/8		3.0 TTG	U	A	4333	COMPOSITE	5/32		4.0 TPG (d)	U	A
4757	COMPOSITE	5/32		4.0 TTG	U	A	4334	COMPOSITE	3/16		5.0 TPG (d)	U	A
4758	COMPOSITE	3/16		5.0 TTG	U	A	4338	COMPOSITE	1/4		6.0 TPG (m)	U	A
4759	COMPOSITE	1/8		3.0 TPG (s)	U	A	4339	COMPOSITE	3/8		10.0 TPG (s)	U	A
4760	COMPOSITE	5/32		4.0 TPG (d)	U	A	4337	COMPOSITE	(H)		8, 12 LTG (lu)	(.060) U	A
4761	COMPOSITE	3/16		5.0 TPG (d)	U	A	<b>Commercial Insulating Glass Co. ; Cumberland City, TN</b>						
<b>Catalina Tempering ; Mount Airy, NC</b>							3806	COMPOSITE	1/8		3.0 TTG	U	A
4578	COMPOSITE	1/8		3.0 TTG	U	A	3807	COMPOSITE	3/16		5.0 TTG	U	A
4579	COMPOSITE	5/32		4.0 TTG	U	A	3808	COMPOSITE	1/4		6.0 TTG	U	A
4580	COMPOSITE	3/16		5.0 TTG	U	A	<b>Commercial Insulating Glass Co. ; Sarasota, FL</b>						
4581	COMPOSITE	1/8		3.0 TPG (s)	U	A	1889	COMPOSITE	1/8		3.0 TTG	30x76	A
4742	COMPOSITE	5/32		4.0 TPG (m)	U	A	1890	COMPOSITE	3/16		5.0 TTG	30x76	A
4582	COMPOSITE	3/16		5.0 TPG (s)	U	A	1891	COMPOSITE	1/4		6.0 TTG	30x76	A
<b>Catalina Tempering Ohio ; Utica, Ohio</b>							<b>Consolidated Glass Corp. ; New Castle, PA</b>						
4620	COMPOSITE	1/8		3.0 TTG	U	A	1998	COMPOSITE	1/8		3.0 TTG	U	A
4621	COMPOSITE	5/32		4.0 TTG	U	A	1999	COMPOSITE	5/32		4.0 TTG	U	A
4622	COMPOSITE	3/16		5.0 TTG	U	A	2005	COMPOSITE	3/16		5.0 TTG	U	A
4623	COMPOSITE	1/8		3.0 TPG (s)	U	A	2002	COMPOSITE	1/4		6.0 TTG	U	A
4624	COMPOSITE	5/32		4.0 TPG (s)	U	A	3635	COMPOSITE	5/16		8.0 TTG	U	A
<b>Changshu Hard Glass Co., Ltd. ; Jiangsu, China</b>							2003	COMPOSITE	3/8		10.0 TTG	U	A
2904	COMPOSITE	1/8		3.0 TTG	U	A	2004	COMPOSITE	1/2		12.0 TTG	U	A
2987	COMPOSITE	5/32		4.0 TTG	U	A	2355	COMPOSITE	5/32		4.0 TPG (m)	U	A
2988	COMPOSITE	3/16		5.0 TTG	U	A	2354	COMPOSITE	3/16		5.0 TPG (m)	U	A
<b>Changshu Lier Building Materials Co. Ltd. ; Changshu City Jiangsu China</b>							4714	COMPOSITE	1/4		6.0 TPG (m)	U	A
4260	COMPOSITE	1/8		3.0 TTG	U	A	4785	COMPOSITE	3/8		10.0 TPG (s)	U	A
4261	COMPOSITE	3/16		5.0 TTG	U	A	<b>Contour Industries, Inc. ; Surgoinsville, TN</b>						
<b>Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu Province, China</b>							1680	COMPOSITE	1/8		3.0 TTG	U	A
4657	COMPOSITE	1/8		3.0 TTG	U	A	4285	COMPOSITE	5/32		4.0 TTG	U	A
4235	COMPOSITE	1/4		6.0 TTG	U	A	1678	COMPOSITE	3/16		5.0 TTG	U	A
4237	COMPOSITE	1/4		6.0 TPG (s)	U	A	1677	COMPOSITE	1/4		6.0 TTG	U	A
<b>Changshu Zhongxin Bldg. Mat. Co. ; Changshu City, China</b>							4701	COMPOSITE	5/16		8.0 TTG	U	A
2432	COMPOSITE	1/8		3.0 TTG	U	A	4702	COMPOSITE	3/8		10.0 TTG	U	A
4363	COMPOSITE	(H)		8 LTG (b)	(.090) U	A	4703	COMPOSITE	1/8		3.0 TPG (s)	U	A
<b>Chicago Tempered Glass, Inc. ; Chicago, IL</b>							4704	COMPOSITE	5/32		4.0 TPG (s)	U	A
3086	COMPOSITE	5/32		4.0 TTG	U	A	4705	COMPOSITE	3/16		5.0 TPG (s)	U	A
3087	COMPOSITE	3/16		5.0 TTG	U	A	4706	COMPOSITE	1/8		3.0 TBG	U	A
3088	COMPOSITE	1/4		6.0 TTG	U	A	4707	COMPOSITE	5/32		4.0 TBG	U	A
3089	COMPOSITE	3/8		10.0 TTG	U	A	4708	COMPOSITE	3/16		5.0 TBG	U	A
3090	COMPOSITE	1/2		12.0 TTG	U	A	4709	COMPOSITE	1/4		6.0 TBG	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	
<b>Contractors Wardrobe ; Valencia, CA</b>							<b>Denver Glass Interiors, Inc. ; Englewood, CO</b>							
3464	COMPOSITE	1/8		3.0 TTG	U	A	3865	COMPOSITE	3/16		5.0 TTG	U	A	
3465	COMPOSITE	5/32		4.0 TTG	U	A	3866	COMPOSITE	1/4		6.0 TTG	U	A	
3466	COMPOSITE	3/16		5.0 TTG	U	A	3867	COMPOSITE	3/8		10.0 TTG	U	A	
3467	COMPOSITE	1/4		6.0 TTG	U	A	3868	COMPOSITE	1/2		12.0 TTG	U	A	
3469	COMPOSITE	3/8		10.0 TTG	U	A	4101	COMPOSITE	3/16		5.0 TPG (s)	U	A	
3470	COMPOSITE	1/2		12.0 TTG	U	A	4507	COMPOSITE	1/4		6.0 TPG (s)	U	A	
3472	COMPOSITE	3/4		19.0 TTG	U	A	4508	COMPOSITE	3/8		10.0 TPG (s)	U	A	
3473	COMPOSITE	1/8		3.0 TPG (m)	U	A	<b>Deqing Sanxing Plastic Chemical Co. Ltd. ; Deqing, Huzhou, China</b>							
3474	COMPOSITE	5/32		4.0 TPG (d)	U	A	4055	COMPOSITE	1/8		3.0 TTG	U	A	
3475	COMPOSITE	3/16		5.0 TPG (d)	U	A	4056	COMPOSITE	5/32		4.0 TTG	U	A	
3476	COMPOSITE	1/4		6.0 TPG (m)	U	A	4057	COMPOSITE	3/16		5.0 TTG	U	A	
3477	COMPOSITE	3/8		10.0 TPG (s)	U	A	4146	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Coral Industries ; Tuscaloosa, AL</b>							<b>Diamond Sea Glaze ; Langley, BC Canada</b>							
3420	COMPOSITE	1/8		3.0 TTG	U	A	4499	COMPOSITE	5/32		4.0 TTG	U	A	
1910	COMPOSITE	3/16		5.0 TTG	U	A	4500	COMPOSITE	3/16		5.0 TTG	U	A	
1911	COMPOSITE	1/4		6.0 TTG	U	A	4501	COMPOSITE	1/4		6.0 TTG	U	A	
2144	COMPOSITE	3/8		10.0 TTG	U	A	4502	COMPOSITE	5/16		8.0 TTG	U	A	
2145	COMPOSITE	1/2		12.0 TTG	U	A	4503	COMPOSITE	3/8		10.0 TTG	U	A	
2644	COMPOSITE	3/4		19.0 TTG	U	A	4504	COMPOSITE	1/2		12.0 TTG	U	A	
1964	COMPOSITE	3/16		5.0 TPG (d)	U	A	4505	COMPOSITE	*		15.0 TTG	U	A	
2944	COMPOSITE	1/4		6.0 TPG (d)	U	A	4506	COMPOSITE	3/4		19.0 TTG	U	A	
2945	COMPOSITE	3/8		10.0 TPG (d)	U	A	<b>Dillmeier Enterprise, Inc. ; Van Buren, AR</b>							
3817	COMPOSITE	1/2		12.0 TPG (m)	U	A	3912	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Cuda Glass &amp; Metals ; Wixom, MI</b>							<b>Dlubak Corporation ; Blairsville, PA</b>							
4198	COMPOSITE	1/8		3.0 TTG	U	A	3913	COMPOSITE	1/4		6.0 TTG	U	A	
4199	COMPOSITE	3/16		5.0 TTG	U	A	3914	COMPOSITE	3/8		10.0 TTG	U	A	
4200	COMPOSITE	1/4		6.0 TTG	U	A	3915	COMPOSITE	1/2		12.0 TTG	U	A	
4201	COMPOSITE	3/8		10.0 TTG	U	A	3916	COMPOSITE	5/8		16.0 TTG	U	A	
4202	COMPOSITE	1/2		12.0 TTG	U	A	3917	COMPOSITE	3/4		19.0 TTG	U	A	
4203	COMPOSITE	5/8		16.0 TTG	U	A	<b>Dolphin Glass Specialists, LLC ; Hialeah, FL</b>							
4204	COMPOSITE	3/4		19.0 TTG	U	A	4729	COMPOSITE	(H)		12 LTG (b)	(.030)	U	A
4412	COMPOSITE	(S)		6 LTG (ev)	(.030)	U	A	<b>Dong Sung Glass Korea, Co., Ltd. ; Incheon, Korea</b>						
4315	COMPOSITE	(H)		10-16+ LTG (ev)	(.030)	U	A	2709	COMPOSITE	3/16		5.0 TTG	U	A
<b>Custom Glass Designs ; Columbus, OH</b>							<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China</b>							
4697	COMPOSITE	1/4		6.0 TTG	U	A	3932	COMPOSITE	5/32		4.0 TTG	U	A	
4698	COMPOSITE	3/8		10.0 TTG	U	A	3933	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Custom Glass Products, Inc. ; Weston, WI</b>							<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China</b>							
4002	COMPOSITE	1/4		6.0 TTG	U	A	3934	COMPOSITE	1/4		6.0 TTG	U	A	
<b>D3 Glass, LLC ; Fort Myers, FL</b>							<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China</b>							
4795	COMPOSITE	1/4		6.0 TTG	U	A	3935	COMPOSITE	5/16		8.0 TTG	U	A	
4792	COMPOSITE	3/8		10.0 TTG	U	A	3936	COMPOSITE	3/8		10.0 TTG	U	A	
4793	COMPOSITE	1/2		12.0 TTG	U	A	3937	COMPOSITE	*		12.0 TTG (3)	U	A	
4791	COMPOSITE	3/8		10.0 TPG (m)	U	A	3938	COMPOSITE	*		15.0 TTG (3)	U	A	
<b>Dalian Huaying Glass Products Co., Ltd. ; Dalian, Liao Ning, China</b>							<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China</b>							
3856	COMPOSITE	1/8		3.0 TTG	U	A	3939	COMPOSITE	3/4		19.0 TTG	U	A	
<b>Dallas Flat Glass Distributors, Inc. ; Carrollton, TX</b>							<b>Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China</b>							
4790	COMPOSITE	1/8		3.0 TTG	U	A	4167	COMPOSITE	(H)		8-12 LTG (b)	(.030)	U	A
4763	COMPOSITE	3/16		5.0 TTG	U	A								
3701	COMPOSITE	1/4		6.0 TTG	U	A								
4566	COMPOSITE	3/8		10.0 TTG	U	A								
4567	COMPOSITE	1/2		12.0 TTG	U	A								

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Dongguan Dongfa Glass Product Co., Ltd ; Dongguan City, Guangdong, China</b>						<b>Foshan Jinyaochang Tempered Glass Company Limited ; Zhangcha Town, Foshan Guangdong</b>					
4132	ANSI ONLY	5/16	8.0 TTG	U	A	4737	COMPOSITE	5/32	4.0 TTG	U	A
4125	ANSI ONLY	3/8	10.0 TTG	U	A	4738	COMPOSITE	3/16	5.0 TTG	U	A
4126	ANSI ONLY	1/2	12.0 TTG	U	A	4739	COMPOSITE	1/4	6.0 TTG	U	A
4123	COMPOSITE	(H)	8-12 LTG (b)	(.030)	U A	4740	COMPOSITE	5/16	8.0 TTG	U	A
4124	COMPOSITE	(H)	16 LTG (b)	(.030)	U A	<b>Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd. ; Foshan City, Guangdong China</b>					
<b>Downey Glass Industries, LLC ; Pompano Beach, FL</b>						4802	COMPOSITE	5/16	8.0 TTG	U	A
2661	COMPOSITE	3/16	5.0 TTG	U	A	4803	COMPOSITE	3/8	10.0 TTG	U	A
2662	COMPOSITE	1/4	6.0 TTG	U	A	<b>Galaxy Glass &amp; Stone ; Fairfield, NJ</b>					
2663	COMPOSITE	3/8	10.0 TTG	U	A	3661	COMPOSITE	(H)	12-16+ LTG (lu)	(.060)	U A
2664	COMPOSITE	1/2	12.0 TTG	U	A	<b>Garibaldi Glass Ind. Inc. ; Burnaby, BC Canada</b>					
2665	COMPOSITE	3/4	19.0 TTG	U	A	4419	COMPOSITE	1/4	6.0 TTG	U	A
3487	COMPOSITE	3/16	5.0 TPG (s)	U	A	4420	COMPOSITE	3/8	10.0 TTG	U	A
4626	COMPOSITE	3/8	10.0 TPG (s)	U	A	4421	COMPOSITE	1/2	12.0 TTG	U	A
<b>Eckelt Glas GmbH ; Steyr, Austria</b>						4422	COMPOSITE	3/4	19.0 TTG	U	A
2850	COMPOSITE	1/4	6.0 TTG	U	A	<b>General Glass ; Portland, OR</b>					
2851	COMPOSITE	5/16	8.0 TTG	U	A	4031	COMPOSITE	1/8	3.0 TTG	U	A
2852	COMPOSITE	3/8	10.0 TTG	U	A	4032	COMPOSITE	5/32	4.0 TTG	U	A
2853	COMPOSITE	*	12.0 TTG (3)	U	A	4033	COMPOSITE	3/16	5.0 TTG	U	A
2854	COMPOSITE	*	15.0 TTG (3)	U	A	4034	COMPOSITE	1/4	6.0 TTG	U	A
2855	COMPOSITE	3/4	19.0 TTG	U	A	<b>GGI Glass Distributors Corp. ; Secaucus, NJ</b>					
<b>Efco Corp. ; Monett, MO</b>						2928	COMPOSITE	5/32	4.0 TTG	U	A
4121	COMPOSITE	1/8	3.0 TTG	U	A	2226	COMPOSITE	3/16	5.0 TTG	U	A
1901	COMPOSITE	3/16	5.0 TTG	U	A	2227	COMPOSITE	1/4	6.0 TTG	U	A
1902	COMPOSITE	1/4	6.0 TTG	U	A	4248	COMPOSITE	5/16	8.0 TTG	U	A
4154	COMPOSITE	5/16	8.0 TTG	U	A	2282	COMPOSITE	3/8	10.0 TTG	U	A
2143	COMPOSITE	3/16	5.0 TPG (s)	U	A	2228	COMPOSITE	1/2	12.0 TTG	U	A
<b>Engineered Glass Products, L.L.C. ; Chicago, IL</b>						3857	COMPOSITE	5/8	16.0 TTG	U	A
4388	COMPOSITE	1/8	3.0 TTG	L	A	3858	COMPOSITE	3/4	19.0 TTG	U	A
2589	COMPOSITE	5/32	4.0 TTG	30x72	A	4774	COMPOSITE	1	25.0 TTG	U	A
2590	COMPOSITE	3/16	5.0 TTG	30x72	A	3970	COMPOSITE	5/32	4.0 TPG (s)	U	A
2698	COMPOSITE	1/4	6.0 TTG	30x72	A	3971	COMPOSITE	3/16	5.0 TPG (s)	U	A
<b>Fairis C.A. ; Ambato, Tungurahua, Ecuador</b>						3972	COMPOSITE	1/4	6.0 TPG (s)	U	A
4425	COMPOSITE	5/32	4.0 TTG	U	A	3973	COMPOSITE	3/8	10.0 TPG (s)	U	A
4426	COMPOSITE	3/16	5.0 TTG	U	A	3974	COMPOSITE	1/2	12.0 TPG (s)	U	A
4427	COMPOSITE	1/4	6.0 TTG	U	A	<b>Glass Design of Miami, Inc. ; Miami, FL</b>					
4428	COMPOSITE	5/16	8.0 TTG	U	A	3453	COMPOSITE	1/4	6.0 TTG	U	A
4429	COMPOSITE	3/8	10.0 TTG	U	A	3454	COMPOSITE	3/8	10.0 TTG	U	A
4722	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	3607	COMPOSITE	1/2	12.0 TTG	U	A
4430	COMPOSITE	(H)	10-12 LTG (b)	(.030)	U A	<b>Glass Dynamics, Inc. ; Stoneville, NC</b>					
<b>Flat Glass Distributors, Inc. ; Jacksonville, FL</b>						2728	COMPOSITE	1/8	3.0 TTG	U	A
3822	COMPOSITE	1/8	3.0 TTG	U	A	2730	COMPOSITE	3/16	5.0 TTG	U	A
3823	COMPOSITE	3/16	5.0 TTG	U	A	2732	COMPOSITE	1/4	6.0 TTG	U	A
3824	COMPOSITE	1/4	6.0 TTG	U	A	2729	COMPOSITE	3/8	10.0 TTG	U	A
3825	COMPOSITE	3/8	10.0 TTG	U	A	2733	COMPOSITE	1/2	12.0 TTG	U	A
3826	COMPOSITE	1/2	12.0 TTG	U	A	2731	COMPOSITE	5/8	16.0 TTG	U	A
3827	COMPOSITE	3/4	19.0 TTG	U	A	2734	COMPOSITE	3/4	19.0 TTG	U	A
3828	COMPOSITE	1/8	3.0 TPG (s)	U	A	4375	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
3829	COMPOSITE	5/32	4.0 TPG (d)	U	A	4413	COMPOSITE	(S)	6 LTG (ip)	(.035)	U A
3830	COMPOSITE	3/16	5.0 TPG (d)(IN)	U	A	4376	COMPOSITE	(H)	8-16+ LTG (b)	(.030)	U A
4638	COMPOSITE	3/8	10.0 TPG (s)	U	A	4414	COMPOSITE	(H)	8-16+ LTG (ip)	(.035)	U A
						<b>Glass Enterprises, Inc. ; Bensalem, PA</b>					
						4628	COMPOSITE	3/16	5.0 TTG	U	A
						4629	COMPOSITE	1/4	6.0 TTG	U	A

**Certified Products-Alphabetical By Plant**

<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM) TYPE (THICKNESS CLASS)</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>	<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM) TYPE (THICKNESS CLASS)</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>
<b>Glaser SA de CV ; Estado de Mexico, Mexico</b>					<b>Guardian Industries Canada Corp. ; Rexdale, ON Canada</b>				
4541	COMPOSITE	1/8 3.0 TTG	U	A	2801	COMPOSITE	1/8 3.0 TTG	U	A
<b>Glaz-Tech Industries ; Englewood, CO</b>					<b>Guardian Industries Canada Corp. ; Rexdale, ON Canada</b>				
2185	COMPOSITE	1/8 3.0 TTG	U	A	2802	COMPOSITE	5/32 4.0 TTG	U	A
2186	COMPOSITE	3/16 5.0 TTG	U	A	2803	COMPOSITE	3/16 5.0 TTG	U	A
2187	COMPOSITE	1/4 6.0 TTG	U	A	2804	COMPOSITE	1/4 6.0 TTG	U	A
2188	COMPOSITE	3/8 10.0 TTG	U	A	2805	COMPOSITE	3/8 10.0 TTG	U	A
2189	COMPOSITE	1/2 12.0 TTG	U	A	2806	COMPOSITE	1/2 12.0 TTG	U	A
2190	COMPOSITE	3/4 19.0 TTG	U	A	4537	COMPOSITE	1/8 3.0 TPG (s)	U	A
2193	COMPOSITE	3/16 5.0 TPG (s)	U	A	4538	COMPOSITE	5/32 4.0 TPG (s)	U	A
<b>Glenny Glass Co. ; Milford, OH</b>					<b>Guardian Industries Canada Corp. ; Rexdale, ON Canada</b>				
3841	COMPOSITE	1/8 3.0 TTG	U	A	4539	COMPOSITE	3/16 5.0 TPG (s)	U	A
3843	COMPOSITE	3/16 5.0 TTG	U	A	4540	COMPOSITE	3/8 10.0 TPG (s)	U	A
3844	COMPOSITE	1/4 6.0 TTG	U	A	2808	COMPOSITE	(S) 4-6 LTG (b)	(.030) U	A
3845	COMPOSITE	3/8 10.0 TTG	U	A	3608	COMPOSITE	(H) 8-16+ LTG (b)	(.030) U	A
3846	COMPOSITE	1/2 12.0 TTG	U	A	<b>Guardian Industries Corp. ; Carleton, MI</b>				
<b>Global Security Glazing ; Selma, AL</b>					<b>Guardian Industries Corp. ; Carleton, MI</b>				
4764	COMPOSITE	1/8 3.0 TTG	U	A	933	COMPOSITE	1/8 3.0 TTG	U	A
4765	COMPOSITE	3/16 5.0 TTG	U	A	934	COMPOSITE	5/32 4.0 TTG	U	A
4766	COMPOSITE	1/4 6.0 TTG	U	A	631	COMPOSITE	3/16 5.0 TTG	U	A
4767	COMPOSITE	3/8 10.0 TTG	U	A	131	COMPOSITE	1/4 6.0 TTG	U	A
4768	COMPOSITE	1/2 12.0 TTG	U	A	<b>Guardian Industries Corp. ; Corsicana, TX</b>				
4769	COMPOSITE	(S) 6 LTG (b)	(.030) U	A	1248	COMPOSITE	1/8 3.0 TTG	U	A
4770	COMPOSITE	(H) 12 LTG (b)	(.060) U	A	1249	COMPOSITE	5/32 4.0 TTG	U	A
<b>Goldray Industries Ltd. ; Calgary, AB Canada</b>					<b>Guardian Industries Corp. ; Corsicana, TX</b>				
2444	COMPOSITE	1/8 3.0 TTG	U	A	1250	COMPOSITE	3/16 5.0 TTG	U	A
2445	COMPOSITE	5/32 4.0 TTG	U	A	1251	COMPOSITE	1/4 6.0 TTG	U	A
2446	COMPOSITE	3/16 5.0 TTG	U	A	1826	COMPOSITE	5/16 8.0 TTG	U	A
2447	COMPOSITE	1/4 6.0 TTG	U	A	1253	COMPOSITE	3/8 10.0 TTG	U	A
2448	COMPOSITE	3/8 10.0 TTG	U	A	1803	COMPOSITE	1/2 12.0 TTG	U	A
2449	COMPOSITE	1/2 12.0 TTG	U	A	2458	COMPOSITE	1/8 3.0 TPG (m)	U	A
<b>Guangdong Golden Glass Technologies Limited ; Shantou, China</b>					<b>Guardian Industries Corp. ; Corsicana, TX</b>				
3941	COMPOSITE	1/4 6.0 TTG	U	A	2459	COMPOSITE	5/32 4.0 TPG (m)	U	A
3942	COMPOSITE	5/16 8.0 TTG	U	A	2460	COMPOSITE	3/16 5.0 TPG (m)	U	A
3943	COMPOSITE	3/8 10.0 TTG	U	A	<b>Guardian Industries Corp. ; DeWitt, IA</b>				
3944	COMPOSITE	1/2 12.0 TTG	U	A	2020	COMPOSITE	1/8 3.0 TTG	U	A
3945	COMPOSITE	* 15.0 TTG (3)	U	A	2021	COMPOSITE	5/32 4.0 TTG	U	A
3946	COMPOSITE	3/4 19.0 TTG	U	A	2022	COMPOSITE	3/16 5.0 TTG	U	A
4535	COMPOSITE	7/8 22.0 TTG	U	A	2023	COMPOSITE	1/4 6.0 TTG	U	A
3947	COMPOSITE	(H) 10-16+ LTG (b)	(.030) U	A	2024	COMPOSITE	5/16 8.0 TTG	U	A
4723	COMPOSITE	(H) 16+ LTG (ip)	(.015) U	A	2545	COMPOSITE	3/8 10.0 TTG	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; DeWitt, IA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	2649	COMPOSITE	1/2 12.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4238	COMPOSITE	1/8 3.0 TPG (s)	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4600	COMPOSITE	3/16 5.0 TPG (s)	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4604	COMPOSITE	1/8 3.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4605	COMPOSITE	5/32 4.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4606	COMPOSITE	3/16 5.0 TTG	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4607	COMPOSITE	1/4 6.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4608	COMPOSITE	5/16 8.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4609	COMPOSITE	3/8 10.0 TTG	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4610	COMPOSITE	1/2 12.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4611	COMPOSITE	3/4 19.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4612	COMPOSITE	1/8 3.0 TPG (s)	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4613	COMPOSITE	3/16 5.0 TPG (m)	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4627	COMPOSITE	3/8 10.0 TPG (s)	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4632	COMPOSITE	(S) 4 LTG (b)	.015(C1) U	B
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4800	COMPOSITE	(S) 6 LTG (b)(p)(el)6	(.075) U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4633	COMPOSITE	(S) 6 LTG (b)	(.030) U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4658	COMPOSITE	(H) 8 LTG (b)	(.030) U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4634	COMPOSITE	(S) 6 LPG (b)(s)	(.030) U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4659	COMPOSITE	(H) 8 LPG (b)(s)	(.030) U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	<b>Guardian Industries Corp. ; Galax, VA</b>				
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4604	COMPOSITE	1/8 3.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4605	COMPOSITE	5/32 4.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4606	COMPOSITE	3/16 5.0 TTG	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4607	COMPOSITE	1/4 6.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4608	COMPOSITE	5/16 8.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4609	COMPOSITE	3/8 10.0 TTG	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4610	COMPOSITE	1/2 12.0 TTG	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4611	COMPOSITE	3/4 19.0 TTG	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4612	COMPOSITE	1/8 3.0 TPG (s)	U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4613	COMPOSITE	3/16 5.0 TPG (m)	U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4627	COMPOSITE	3/8 10.0 TPG (s)	U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4632	COMPOSITE	(S) 4 LTG (b)	.015(C1) U	B
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4800	COMPOSITE	(S) 6 LTG (b)(p)(el)6	(.075) U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4633	COMPOSITE	(S) 6 LTG (b)	(.030) U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	4658	COMPOSITE	(H) 8 LTG (b)	(.030) U	A
<b>Guardian Fabrication, Inc. ; Reedley, CA</b>					<b>Guardian Industries Corp. ; Galax, VA</b>				
4360	COMPOSITE	(S) 5-6 LTG (b)	(.030) U	A	4634	COMPOSITE	(S) 6 LPG (b)(s)	(.030) U	A
4583	COMPOSITE	(S) 5-6 LTG (b)	(.015)(C1) U	B	4659	COMPOSITE	(H) 8 LPG (b)(s)	(.030) U	A
4557	COMPOSITE	(H) 8-12 LTG (b)	(.030) U	A	<b>Guardian Industries Corp. ; Galax, VA</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	
<b>Guardian Industries Corp. ; Geneva, NY</b>							<b>Industrial Tempering Glass ; Brooklyn, NY</b>							
2259	COMPOSITE	1/8		3.0 TTG	U	A	3386	COMPOSITE	3/16		5.0 TTG	U	A	
2260	COMPOSITE	5/32		4.0 TTG	U	A	3387	COMPOSITE	1/4		6.0 TTG	U	A	
2261	COMPOSITE	3/16		5.0 TTG	U	A	3418	COMPOSITE	3/8		10.0 TTG	U	A	
2262	COMPOSITE	1/4		6.0 TTG	U	A	3419	COMPOSITE	1/2		12.0 TTG	U	A	
3672	COMPOSITE	5/16		8.0 TTG	U	A	4240	COMPOSITE	3/4		19.0 TTG	U	A	
2519	COMPOSITE	3/8		10.0 TTG	U	A	<b>Insulated Glass of America ; Dallas, NC</b>							
3673	COMPOSITE	1/2		12.0 TTG	U	A	3859	COMPOSITE	1/8		3.0 TTG	U	A	
<b>Guardian Industries Corp. ; Kingsburg, CA</b>							3860	COMPOSITE	5/32		4.0 TTG	U	A	
968	COMPOSITE	1/8		3.0 TTG	U	A	3861	COMPOSITE	3/16		5.0 TTG	U	A	
969	COMPOSITE	5/32		4.0 TTG	U	A	3862	COMPOSITE	1/4		6.0 TTG	U	A	
970	COMPOSITE	3/16		5.0 TTG	U	A	3863	COMPOSITE	3/8		10.0 TTG	U	A	
971	COMPOSITE	1/4		6.0 TTG	U	A	3864	COMPOSITE	1/2		12.0 TTG	U	A	
1303	COMPOSITE	1/8		3.0 TPG (d)	U	A	<b>Insulite Glass Co., Inc. ; Olathe, KS</b>							
1301	COMPOSITE	5/32		4.0 TPG (m)	U	A	4473	COMPOSITE	1/8		3.0 TTG	U	A	
1304	COMPOSITE	3/16		5.0 TPG (m)	U	A	4474	COMPOSITE	5/32		4.0 TTG	U	A	
1882	COMPOSITE	1/4		6.0 TPG (m)	U	A	3714	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Guardian Industries Corp. ; Richburg, SC</b>							3715	COMPOSITE	1/4		6.0 TTG	U	A	
1630	COMPOSITE	1/8		3.0 TTG	U	A	3716	COMPOSITE	3/8		10.0 TTG	U	A	
1631	COMPOSITE	5/32		4.0 TTG	U	A	3717	COMPOSITE	1/2		12.0 TTG	U	A	
1632	COMPOSITE	3/16		5.0 TTG	U	A	3718	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
1633	COMPOSITE	1/4		6.0 TTG	U	A	3720	COMPOSITE	(H)		8 LTG (b)	(.060)	U	A
2382	COMPOSITE	5/16		8.0 TTG	U	A	3723	COMPOSITE	(H)		10-12 LTG (b)	(.030)	U	A
1634	COMPOSITE	3/8		10.0 TTG	U	A	<b>Insulpane Inc. ; Hamden, CT</b>							
1683	COMPOSITE	1/8		3.0 TPG (m)	U	A	4523	COMPOSITE	1/4		6.0 TTG	U	A	
1635	COMPOSITE	5/32		4.0 TPG (m)	U	A	<b>Integral Seal Mfg. Inc. ; Concord, ON Canada</b>							
1865	COMPOSITE	3/16		5.0 TPG (m)	U	A	4682	COMPOSITE	5/32		4.0 TTG	U	A	
3002	COMPOSITE	1/4		6.0 TPG (m)	U	A	4683	COMPOSITE	3/16		5.0 TTG	U	A	
3003	COMPOSITE	3/8		10.0 TPG (m)	U	A	4684	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Guardian Millbury Corp. ; Millbury, OH</b>							<b>Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China</b>							
2616	COMPOSITE	1/8		3.0 TTG	U	A	2572	COMPOSITE	1/8		3.0 TTG	U	A	
1575	COMPOSITE	5/32		4.0 TTG	U	A	2573	COMPOSITE	5/32		4.0 TTG	U	A	
1576	COMPOSITE	3/16		5.0 TTG	U	A	2574	COMPOSITE	3/16		5.0 TTG	U	A	
1577	COMPOSITE	1/4		6.0 TTG	U	A	2575	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Guardian Webster, Inc. ; Webster, MA</b>							3025	COMPOSITE	5/16		8.0 TTG	U	A	
300	COMPOSITE	1/8		3.0 TTG	U	A	2576	COMPOSITE	3/8		10.0 TTG	U	A	
1607	COMPOSITE	5/32		4.0 TTG	U	A	2577	COMPOSITE	1/2		12.0 TTG	U	A	
1216	COMPOSITE	3/16		5.0 TTG	U	A	<b>Intigral ; Walton Hills, OH</b>							
662	COMPOSITE	1/4		6.0 TTG	U	A	2050	COMPOSITE	1/8		3.0 TTG	U	A	
471	COMPOSITE	3/8		10.0 TTG	U	A	2051	COMPOSITE	5/32		4.0 TTG	U	A	
1235	COMPOSITE	1/2		12.0 TTG	U	A	2052	COMPOSITE	3/16		5.0 TTG	U	A	
3604	COMPOSITE	1/8		3.0 TPG (s)	U	A	2055	COMPOSITE	1/4		6.0 TTG	U	A	
2451	COMPOSITE	5/32		4.0 TPG (m)	U	A	3631	COMPOSITE	1/8		3.0 TPG (m)	U	A	
2603	COMPOSITE	3/16		5.0 TPG (m)	U	A	4588	COMPOSITE	5/32		4.0 TPG (m)	U	A	
3024	COMPOSITE	7/32		5.5 TPG (s)	U	A	<b>Jiangmen SYP Engineering Glass Co., Ltd ; Jiangmen, Guangdong, China</b>							
4656	COMPOSITE	1/4		6.0 TPG (s)	U	A	4303	COMPOSITE	5/32		4.0 TTG	U	A	
<b>Hangzhou Zhongtian Glass Co. Ltd. ; Hangzhou, China</b>							4304	COMPOSITE	3/16		5.0 TTG	U	A	
4513	COMPOSITE	1/4		6.0 TTG	U	A	4305	COMPOSITE	1/4		6.0 TTG	U	A	
4514	COMPOSITE	5/16		8.0 TTG	U	A	4306	COMPOSITE	5/16		8.0 TTG	U	A	
4515	COMPOSITE	3/8		10.0 TTG	U	A	4307	COMPOSITE	3/8		10.0 TTG	U	A	
4516	COMPOSITE	(H)		12 LTG (b)	(.060)	U	4308	COMPOSITE	1/2		12.0 TTG	U	A	
<b>Hartung Glass Industries Lami ; Langley, BC Canada</b>							4309	COMPOSITE	*		15.0 TTG (3)	U	A	
4431	COMPOSITE	(H)		16+ LTG (ip)	(.060)	U	4310	COMPOSITE	3/4		19.0 TTG	U	A	
<b>Hartung Glass Industries Tempered ; Wilsonville, OR</b>							4312	COMPOSITE	(H)		8-10, 16+ LTG (b)	(.030)	U	A
4686	COMPOSITE	3/8		10.0 TTG (IN)	U	A	4575	COMPOSITE	(H)		16+ LTG (ip)	(.060)	U	A
4631	COMPOSITE	3/4		19.0 TTG	U	A								

*Certified Products-Alphabetical By Plant*

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<b>Jiaxing B&amp;C Corporation ; Jiaxing, Zhejiang, China</b>						<b>MLC Windows &amp; Glass ; Shelby Township, MI</b>					
4389	COMPOSITE	1/4	6.0 TBG	U	A	3852	COMPOSITE	1/8	3.0 TTG	U	A
<b>JYC Glass Co. Ltd. ; Zhangcha, Foshan China</b>											
3957	COMPOSITE	1/8	3.0 TTG	U	A	3853	COMPOSITE	5/32	4.0 TTG	U	A
3958	COMPOSITE	5/32	4.0 TTG	U	A	3854	COMPOSITE	3/16	5.0 TTG	U	A
3959	COMPOSITE	3/16	5.0 TTG	U	A	3855	COMPOSITE	1/4	6.0 TTG	U	A
3960	COMPOSITE	1/4	6.0 TTG	U	A	<b>Multiver ; Vanier, QC Canada</b>					
3961	COMPOSITE	5/16	8.0 TTG	U	A	2498	COMPOSITE	1/8	3.0 TTG	U	A
3962	COMPOSITE	3/8	10.0 TTG	U	A	2629	COMPOSITE	5/32	4.0 TTG	U	A
3963	COMPOSITE	1/2	12.0 TTG	U	A	4524	COMPOSITE	3/16	5.0 TTG	U	A
4161	COMPOSITE	5/32	4.0 TPG (m)	U	A	2499	COMPOSITE	1/4	6.0 TTG	U	A
4162	COMPOSITE	3/16	5.0 TPG (m)	U	A	<b>Nashville Tempered Glass Corp. ; Nashville, TN</b>					
4163	COMPOSITE	1/4	6.0 TPG (s)	U	A	1416	COMPOSITE	1/8	3.0 TTG	U	A
4165	COMPOSITE	3/16	5.0 TBP (m)	U	A	2497	COMPOSITE	5/32	4.0 TTG	U	A
4166	COMPOSITE	1/4	6.0 TBP (s)	U	A	1467	COMPOSITE	3/16	5.0 TTG	U	A
3991	COMPOSITE	5/32	4.0 TBG	U	A	1417	COMPOSITE	1/4	6.0 TTG	U	A
3992	COMPOSITE	3/16	5.0 TBG	U	A	2494	COMPOSITE	3/8	10.0 TTG	U	A
3993	COMPOSITE	1/4	6.0 TBG	U	A	2420	COMPOSITE	1/8	3.0 TPG (s)	U	A
3994	COMPOSITE	5/16	8.0 TBG	U	A	2417	COMPOSITE	3/16	5.0 TPG (s)	U	A
<b>Kohler Company ; Union City, TN</b>						<b>Nashville Tempered Glass L.L.C. ; Hendersonville, TN</b>					
1979	COMPOSITE	1/8	3.0 TTG	U	A	2691	COMPOSITE	5/32	4.0 TTG	U	A
1980	COMPOSITE	5/32	4.0 TTG	U	A	2692	COMPOSITE	3/16	5.0 TTG	U	A
1981	COMPOSITE	3/16	5.0 TTG	U	A	2693	COMPOSITE	1/4	6.0 TTG	U	A
1982	COMPOSITE	1/4	6.0 TTG	U	A	2694	COMPOSITE	3/8	10.0 TTG	U	A
4668	COMPOSITE	5/16	8.0 TTG	U	A	4148	COMPOSITE	1/2	12.0 TTG	U	A
2434	COMPOSITE	3/8	10.0 TTG	U	A	<b>New Angle Beveling ; Hyde, PA</b>					
4012	COMPOSITE	1/2	12.0 TTG (IN)	U	A	4593	COMPOSITE	1/8	3.0 TTG	U	A
1983	COMPOSITE	1/8	3.0 TPG (m)	U	A	4594	COMPOSITE	3/16	5.0 TTG	U	A
3532	COMPOSITE	5/32	4.0 TPG (m)	U	A	4595	COMPOSITE	1/4	6.0 TTG	U	A
1984	COMPOSITE	3/16	5.0 TPG (s)	U	A	4591	COMPOSITE	3/8	10.0 TTG	U	A
2918	COMPOSITE	1/4	6.0 TPG (m)	U	A	4592	COMPOSITE	1/2	12.0 TTG	U	A
<b>M/M Tempering Inc. ; Loganville, GA</b>						<b>Northwest Glass ; Billings, MT</b>					
4280	COMPOSITE	1/4	6.0 TTG	U	A	3649	COMPOSITE	1/8	3.0 TTG	U	A
4281	COMPOSITE	3/8	10.0 TTG	U	A	3650	COMPOSITE	3/16	5.0 TTG	U	A
4282	COMPOSITE	1/2	12.0 TTG (IN)	U	A	3651	COMPOSITE	1/4	6.0 TTG	U	A
<b>Maryland Glass &amp; Mirror ; Baltimore, MD</b>											
4318	COMPOSITE	1/8	3.0 TTG	U	A	3652	COMPOSITE	3/8	10.0 TTG	U	A
4319	COMPOSITE	3/16	5.0 TTG	U	A	3653	COMPOSITE	1/8	3.0 TPG (s)	U	A
4320	COMPOSITE	1/4	6.0 TTG	U	A	3655	COMPOSITE	3/16	5.0 TPG (m)	U	A
4321	COMPOSITE	3/8	10.0 TTG	U	A	<b>Oldcastle BuildingEnvelope™ ; Albertville, MN</b>					
4322	COMPOSITE	1/2	12.0 TTG	U	A	3104	COMPOSITE	1/8	3.0 TTG	U	A
<b>Mega Tempering ; Brooklyn, NY</b>											
4299	COMPOSITE	1/4	6.0 TTG	U	A	3105	COMPOSITE	5/32	4.0 TTG	U	A
4300	COMPOSITE	3/8	10.0 TTG	U	A	3106	COMPOSITE	3/16	5.0 TTG	U	A
4301	COMPOSITE	1/2	12.0 TTG	U	A	3107	COMPOSITE	1/4	6.0 TTG	U	A
<b>Mercer Glass Fab LLC ; Trenton, NJ</b>											
4254	COMPOSITE	1/4	6.0 TTG	U	A	3108	COMPOSITE	3/8	10.0 TTG	U	A
4530	COMPOSITE	5/16	8.0 TTG	U	A	3109	COMPOSITE	1/2	12.0 TTG	U	A
4255	COMPOSITE	3/8	10.0 TTG	U	A	3110	COMPOSITE	5/8	16.0 TTG	U	A
4256	COMPOSITE	1/2	12.0 TTG	U	A	3111	COMPOSITE	3/4	19.0 TTG	U	A
4257	COMPOSITE	1/4	6.0 TPG (m)	U	A	3112	COMPOSITE	5/32	4.0 TPG (s)	U	A
4258	COMPOSITE	3/8	10.0 TPG (m)	U	A	3113	COMPOSITE	3/16	5.0 TPG (s)	U	A
<b>Milgard Tempering ; Dixon, CA</b>											
2842	COMPOSITE	1/4	6.0 TTG	U	A	3114	COMPOSITE	7/32	5.5 TPG (s)	U	A
						3561	COMPOSITE	1/4	6.0 TPG (s)	U	A
						3127	COMPOSITE	3/8	10.0 TPG (m)	U	A

*Certified Products-Alphabetical By Plant*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Oldcastle BuildingEnvelope™ ; Battle Ground, WA</b>						<b>Oldcastle BuildingEnvelope™ ; Covington, GA</b>					
3219	COMPOSITE	1/8	3.0 TTG	U	A	3329	COMPOSITE	1/8	3.0 TTG	U	A
3220	COMPOSITE	5/32	4.0 TTG	U	A	3330	COMPOSITE	5/32	4.0 TTG	U	A
3221	COMPOSITE	3/16	5.0 TTG	U	A	3331	COMPOSITE	3/16	5.0 TTG	U	A
3222	COMPOSITE	1/4	6.0 TTG	U	A	3332	COMPOSITE	1/4	6.0 TTG	U	A
3223	COMPOSITE	5/16	8.0 TTG	U	A	3333	COMPOSITE	3/8	10.0 TTG	U	A
3224	COMPOSITE	3/8	10.0 TTG	U	A	3334	COMPOSITE	1/2	12.0 TTG	U	A
3225	COMPOSITE	1/2	12.0 TTG	U	A	3335	COMPOSITE	3/4	19.0 TTG	U	A
3226	COMPOSITE	1/8	3.0 TPG (s)	U	A	3336	COMPOSITE	1/8	3.0 TPG (s)	U	A
3227	COMPOSITE	5/32	4.0 TPG (d)	U	A	3337	COMPOSITE	5/32	4.0 TPG (s)	U	A
3228	COMPOSITE	3/16	5.0 TPG (m)	U	A	3338	COMPOSITE	3/16	5.0 TPG (m)	U	A
3229	COMPOSITE	1/4	6.0 TPG (m)	U	A	3339	COMPOSITE	1/4	6.0 TPG (m)	U	A
3230	COMPOSITE	3/8	10.0 TPG (m)	U	A	3340	COMPOSITE	3/8	10.0 TPG (s)	U	A
<b>Oldcastle BuildingEnvelope™ ; Bensenville, IL</b>						<b>Oldcastle BuildingEnvelope™ ; Denver, CO</b>					
3593	COMPOSITE	3/16	5.0 TTG	U	A	3310	COMPOSITE	1/8	3.0 TTG	U	A
1382	COMPOSITE	1/4	6.0 TTG	U	A	3311	COMPOSITE	5/32	4.0 TTG	U	A
3594	COMPOSITE	5/16	8.0 TTG	U	A	3312	COMPOSITE	3/16	5.0 TTG	U	A
1383	COMPOSITE	3/8	10.0 TTG	U	A	3313	COMPOSITE	1/4	6.0 TTG	U	A
1384	COMPOSITE	1/2	12.0 TTG	U	A	3314	COMPOSITE	3/8	10.0 TTG	U	A
3595	COMPOSITE	3/4	19.0 TTG	U	A	3315	COMPOSITE	1/2	12.0 TTG	U	A
3596	COMPOSITE	3/16	5.0 TPG (m)	U	A	4245	COMPOSITE	3/4	19.0 TTG	U	A
3597	COMPOSITE	1/4	6.0 TPG (d)	U	A	3317	COMPOSITE	1/8	3.0 TPG (s)	U	A
3598	COMPOSITE	3/8	10.0 TPG (d)	U	A	3318	COMPOSITE	5/32	4.0 TPG (d)	U	A
2308	COMPOSITE	1/4	6.0 TBG	U	A	3319	COMPOSITE	3/16	5.0 TPG (m)	U	A
1536	COMPOSITE	3/8	10.0 TBG	U	A	3320	COMPOSITE	1/4	6.0 TPG (s)	U	A
2053	COMPOSITE	1/2	12.0 TBG	U	A	3321	COMPOSITE	3/8	10.0 TPG (s)	U	A
3671	COMPOSITE	3/4	19.0 TBG	U	A	4455	COMPOSITE (S)	6 LTG (ip)	(.035)	U	A
<b>Oldcastle BuildingEnvelope™ ; Calgary, AB Canada</b>						<b>Oldcastle BuildingEnvelope™ ; Fremont, CA</b>					
3263	COMPOSITE	1/8	3.0 TTG (IN)	U	A	4533	COMPOSITE (S)	6 LTG (b)	(.030)	U	A
3264	COMPOSITE	5/32	4.0 TTG	U	A	4456	COMPOSITE (H)	8-16+ LTG (ip)	(.035)	U	A
3265	COMPOSITE	3/16	5.0 TTG	U	A	4454	COMPOSITE (H)	10-16+ LTG (b)	(.030)	U	A
3266	COMPOSITE	1/4	6.0 TTG	U	A						
3267	COMPOSITE	5/16	8.0 TTG	U	A	3191	COMPOSITE	1/8	3.0 TTG	U	A
3268	COMPOSITE	3/8	10.0 TTG	U	A	3192	COMPOSITE	5/32	4.0 TTG	U	A
3269	COMPOSITE	1/2	12.0 TTG	U	A	3193	COMPOSITE	3/16	5.0 TTG	U	A
3270	COMPOSITE	5/8	16.0 TTG	U	A	3194	COMPOSITE	1/4	6.0 TTG	U	A
3271	COMPOSITE	3/4	19.0 TTG	U	A	3195	COMPOSITE	3/8	10.0 TTG	U	A
3272	COMPOSITE	1/8	3.0 TPG (m)(IN)	U	A	3196	COMPOSITE	1/2	12.0 TTG	U	A
3273	COMPOSITE	5/32	4.0 TPG (d)	U	A	4458	COMPOSITE	5/8	16.0 TTG	U	A
3274	COMPOSITE	3/16	5.0 TPG (d)	U	A	3197	COMPOSITE	3/4	19.0 TTG	U	A
3275	COMPOSITE	1/4	6.0 TPG (m)	U	A	3199	COMPOSITE	1/8	3.0 TPG (s)	U	A
3262	COMPOSITE	3/8	10.0 TPG (d)	U	A	3200	COMPOSITE	5/32	4.0 TPG (s)	U	A
<b>Oldcastle BuildingEnvelope™ ; Concord, ON Canada</b>						<b>Oldcastle BuildingEnvelope™ ; Fremont, CA</b>					
3439	COMPOSITE	1/8	3.0 TTG	U	A	3201	COMPOSITE	3/16	5.0 TPG (m)	U	A
3440	COMPOSITE	5/32	4.0 TTG	U	A	3907	COMPOSITE	1/4	6.0 TPG (m)	U	A
3441	COMPOSITE	3/16	5.0 TTG	U	A	3203	COMPOSITE	3/8	10.0 TPG (s)	U	A
3442	COMPOSITE	1/4	6.0 TTG	U	A	4457	COMPOSITE (S)	6 LTG (ip)	(.060)	U	A
3443	COMPOSITE	5/16	8.0 TTG	U	A	4531	COMPOSITE (S)	6 LTG (b)	(.030)	U	A
3444	COMPOSITE	3/8	10.0 TTG	U	A	4460	COMPOSITE (H)	8-16+ LTG (b)	(.030)	U	A
3445	COMPOSITE	1/2	12.0 TTG	U	A	4461	COMPOSITE (H)	8-16+ LTG (ip)	(.060)	U	A
3446	COMPOSITE	5/8	16.0 TTG	U	A						
3447	COMPOSITE	3/4	19.0 TTG	U	A						
4423	COMPOSITE	1/8	3.0 TPG (s)	U	A						
4424	COMPOSITE	3/16	5.0 TPG (s)	U	A						
3448	COMPOSITE	3/8	10.0 TPG (s)	U	A						

**Certified Products-Alphabetical By Plant**

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS		
<b>Oldcastle BuildingEnvelope™ ; Grand Prairie, TX</b>						<b>Oldcastle BuildingEnvelope™ ; Langley, BC Canada</b>							
3250	COMPOSITE	1/8	3.0 TTG	U	A	3286	COMPOSITE	1/8	3.0 TTG	U	A		
3251	COMPOSITE	5/32	4.0 TTG	U	A	3287	COMPOSITE	5/32	4.0 TTG	U	A		
3252	COMPOSITE	3/16	5.0 TTG	U	A	3288	COMPOSITE	3/16	5.0 TTG	U	A		
3253	COMPOSITE	1/4	6.0 TTG	U	A	3289	COMPOSITE	1/4	6.0 TTG	U	A		
3254	COMPOSITE	5/16	8.0 TTG	U	A	3290	COMPOSITE	5/16	8.0 TTG	U	A		
3255	COMPOSITE	3/8	10.0 TTG	U	A	3291	COMPOSITE	3/8	10.0 TTG	U	A		
3256	COMPOSITE	1/2	12.0 TTG	U	A	3292	COMPOSITE	1/2	12.0 TTG	U	A		
3257	COMPOSITE	3/4	19.0 TTG	U	A	3293	COMPOSITE	5/8	16.0 TTG	U	A		
3425	COMPOSITE	1/8	3.0 TPG (s)	U	A	3294	COMPOSITE	3/4	19.0 TTG	U	A		
3426	COMPOSITE	5/32	4.0 TPG (m)	U	A	3295	COMPOSITE	1/8	3.0 TPG (m)	U	A		
3427	COMPOSITE	3/16	5.0 TPG (s)	U	A	3296	COMPOSITE	5/32	4.0 TPG (d)	U	A		
3428	COMPOSITE	3/8	10.0 TPG (s)	U	A	3297	COMPOSITE	3/16	5.0 TPG (d)	U	A		
3258	COMPOSITE	(S)	6 LTG (b)	(.030)	U	A	4710	COMPOSITE	3/8	10.0 TPG (s)	U	A	
<b>Oldcastle BuildingEnvelope™ ; Hauppauge, NY</b>						<b>Oldcastle BuildingEnvelope™ ; Los Angeles, CA</b>							
1546	COMPOSITE	1/8	3.0 TTG	U	A	1608	COMPOSITE	1/8	3.0 TTG	U	A		
1547	COMPOSITE	3/16	5.0 TTG	U	A	1609	COMPOSITE	5/32	4.0 TTG	U	A		
1548	COMPOSITE	1/4	6.0 TTG	U	A	630	COMPOSITE	3/16	5.0 TTG	U	A		
4180	COMPOSITE	5/16	8.0 TTG	U	A	514	COMPOSITE	1/4	6.0 TTG	U	A		
1549	COMPOSITE	3/8	10.0 TTG	U	A	4400	COMPOSITE	5/16	8.0 TTG	U	A		
1550	COMPOSITE	1/2	12.0 TTG	U	A	515	COMPOSITE	3/8	10.0 TTG	U	A		
4181	COMPOSITE	5/8	16.0 TTG	U	A	516	COMPOSITE	1/2	12.0 TTG	U	A		
1551	COMPOSITE	3/4	19.0 TTG	U	A	4387	COMPOSITE	5/8	16.0 TTG	U	A		
3492	COMPOSITE	3/16	5.0 TPG (d)	U	A	2074	COMPOSITE	3/4	19.0 TTG	U	A		
3392	COMPOSITE	(S)	6 LTG (b)	(.030)	U	A	935	COMPOSITE	3/16	5.0 TPG (s)	U	A	
4618	COMPOSITE	(H)	10-16+ LTG (b)	(.030)	U	A	4133	COMPOSITE	1/4	6.0 TPG (s)	U	A	
4619	COMPOSITE	(H)	12-16+ LTG (ip)	(.035)	U	A	3793	COMPOSITE	3/8	10.0 TPG (d)	U	A	
<b>Oldcastle BuildingEnvelope™ ; Houston, TX</b>						<b>Oldcastle BuildingEnvelope™ ; Miami, FL</b>							
3156	COMPOSITE	1/8	3.0 TTG	U	A	3496	COMPOSITE	1/8	3.0 TTG	U	A		
3157	COMPOSITE	5/32	4.0 TTG	U	A	3497	COMPOSITE	3/16	5.0 TTG	U	A		
3158	COMPOSITE	3/16	5.0 TTG	U	A	3498	COMPOSITE	1/4	6.0 TTG	U	A		
3159	COMPOSITE	1/4	6.0 TTG	U	A	3499	COMPOSITE	3/8	10.0 TTG	U	A		
3160	COMPOSITE	3/8	10.0 TTG	U	A	3500	COMPOSITE	1/2	12.0 TTG	U	A		
3161	COMPOSITE	1/2	12.0 TTG	U	A	3501	COMPOSITE	1/8	3.0 TPG (s)	U	A		
3163	COMPOSITE	5/32	4.0 TPG (d)	U	A	3502	COMPOSITE	3/16	5.0 TPG (m)	U	A		
3164	COMPOSITE	3/16	5.0 TPG (m)	U	A	4477	COMPOSITE	1/4	6.0 TPG (d)	U	A		
3165	COMPOSITE	1/4	6.0 TPG (m)	U	A	3503	COMPOSITE	3/8	10.0 TPG (s)	U	A		
3166	COMPOSITE	3/8	10.0 TPG (s)	U	A	4001	COMPOSITE	(S)	6 LTG (b)	(.030)	U	A	
4402	COMPOSITE	(H)	8-16+ LTG (b)	(.030)	U	A	4397	COMPOSITE	(S)	6 LTG (ip)	(.030)	U	A
4401	COMPOSITE	(H)	12 LTG (ip)	(.090)	U	A	4399	COMPOSITE	(H)	8-16+ LTG (ip)	(.030)	U	A
<b>Oldcastle BuildingEnvelope™ ; Indianapolis, IN</b>						<b>Oldcastle BuildingEnvelope™ ; Miami, FL</b>							
2210	COMPOSITE	1/8	3.0 TTG	U	A	4398	COMPOSITE	(H)	8-16+ LTG (b)	(.030)	U	A	
2216	COMPOSITE	5/32	4.0 TTG	U	A								
2211	COMPOSITE	3/16	5.0 TTG	U	A								
2212	COMPOSITE	1/4	6.0 TTG	U	A								
2213	COMPOSITE	3/8	10.0 TTG	U	A								
2214	COMPOSITE	1/2	12.0 TTG	U	A								
4384	COMPOSITE	1/8	3.0 TPG (s)	U	A								
2215	COMPOSITE	3/16	5.0 TPG (s)	U	A								
4386	COMPOSITE	7/32	5.5 TPG (d)	U	A								
3259	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	
<b>Oldcastle BuildingEnvelope™ ; Montreal, QC Canada</b>							<b>Oldcastle BuildingEnvelope™ ; Rock Hill, SC</b>							
1996	COMPOSITE	1/8		3.0 TTG	U	A	3276	COMPOSITE	1/8		3.0 TTG	U	A	
4247	COMPOSITE	5/32		4.0 TTG	U	A	3462	COMPOSITE	5/32		4.0 TTG	U	A	
1997	COMPOSITE	3/16		5.0 TTG	U	A	3277	COMPOSITE	3/16		5.0 TTG	U	A	
2543	COMPOSITE	1/4		6.0 TTG	U	A	3278	COMPOSITE	1/4		6.0 TTG	U	A	
2884	COMPOSITE	5/16		8.0 TTG	U	A	4787	COMPOSITE	5/16		8.0 TTG	U	A	
2544	COMPOSITE	3/8		10.0 TTG	U	A	3279	COMPOSITE	3/8		10.0 TTG	U	A	
2062	COMPOSITE	1/2		12.0 TTG	U	A	3280	COMPOSITE	1/2		12.0 TTG	U	A	
2063	COMPOSITE	5/8		16.0 TTG	U	A	3281	COMPOSITE	1/8		3.0 TPG (s)	U	A	
2885	COMPOSITE	3/4		19.0 TTG	U	A	4396	COMPOSITE	5/32		4.0 TPG (d)	U	A	
4434	COMPOSITE	(S)		6 LTG (b)	(.015)	U	3283	COMPOSITE	3/16		5.0 TPG (d)	U	A	
4432	COMPOSITE	(S)		6 LTG (ip)	(.035)	U	3284	COMPOSITE	1/4		6.0 TPG (d)	U	A	
4433	COMPOSITE	(H)	8, 12-16+	LTG (ip)	(.035)	U	3285	COMPOSITE	3/8		10.0 TPG (d)	U	A	
4435	COMPOSITE	(H)		8-10 LTG (b)	(.015)	U								
4436	COMPOSITE	(H)		12-16+ LTG (b)	(.030)	U								
<b>Oldcastle BuildingEnvelope™ ; Moorestown, NJ</b>							<b>Oldcastle BuildingEnvelope™ ; Schofield, WI</b>							
3180	COMPOSITE	1/8		3.0 TTG	U	A	3167	COMPOSITE	1/8		3.0 TTG	U	A	
3181	COMPOSITE	5/32		4.0 TTG	U	A	3168	COMPOSITE	5/32		4.0 TTG	U	A	
3182	COMPOSITE	3/16		5.0 TTG	U	A	3169	COMPOSITE	3/16		5.0 TTG	U	A	
3183	COMPOSITE	1/4		6.0 TTG	U	A	3170	COMPOSITE	1/4		6.0 TTG	U	A	
3184	COMPOSITE	3/8		10.0 TTG	U	A	3171	COMPOSITE	5/16		8.0 TTG	U	A	
3185	COMPOSITE	1/2		12.0 TTG	U	A	3172	COMPOSITE	3/8		10.0 TTG	U	A	
4054	COMPOSITE	5/8		16.0 TTG	U	A	3173	COMPOSITE	1/2		12.0 TTG	U	A	
3186	COMPOSITE	1/8		3.0 TPG (s)	U	A	3174	COMPOSITE	3/4		19.0 TTG	U	A	
3187	COMPOSITE	5/32		4.0 TPG (d)	U	A	3177	COMPOSITE	5/32		4.0 TPG (d)	U	A	
3188	COMPOSITE	3/16		5.0 TPG (m)	U	A	3178	COMPOSITE	3/16		5.0 TPG (d)	U	A	
3189	COMPOSITE	1/4		6.0 TPG (m)	U	A	3179	COMPOSITE	1/4		6.0 TPG (d)	U	A	
3190	COMPOSITE	3/8		10.0 TPG (s)	U	A	3176	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
							4558	COMPOSITE	(H)		8-16+ LTG (b)	(.030)	U	A
<b>Oldcastle BuildingEnvelope™ ; Perrysburg, OH</b>							<b>Oldcastle BuildingEnvelope™ ; Shawnee, OK</b>							
3233	COMPOSITE	1/8		3.0 TTG	U	A	3095	COMPOSITE	1/8		3.0 TTG	U	A	
3234	COMPOSITE	5/32		4.0 TTG	U	A	3096	COMPOSITE	5/32		4.0 TTG	U	A	
3235	COMPOSITE	3/16		5.0 TTG	U	A	3097	COMPOSITE	3/16		5.0 TTG	U	A	
3236	COMPOSITE	1/4		6.0 TTG	U	A	3098	COMPOSITE	1/4		6.0 TTG	U	A	
4443	COMPOSITE	5/16		8.0 TTG	U	A	3099	COMPOSITE	3/8		10.0 TTG	U	A	
3237	COMPOSITE	3/8		10.0 TTG	U	A	3100	COMPOSITE	1/2		12.0 TTG	U	A	
3238	COMPOSITE	1/2		12.0 TTG	U	A	3101	COMPOSITE	1/8		3.0 TPG (m)	U	A	
3239	COMPOSITE	5/8		16.0 TTG	U	A	3102	COMPOSITE	5/32		4.0 TPG (m)	U	A	
3240	COMPOSITE	3/4		19.0 TTG	U	A	3103	COMPOSITE	3/16		5.0 TPG (m)	U	A	
3242	COMPOSITE	1/8		3.0 TPG (s)	U	A	<b>Oldcastle BuildingEnvelope™ ; Tampa, FL</b>							
3243	COMPOSITE	3/16		5.0 TPG (m)	U	A	3116	COMPOSITE	1/8		3.0 TTG	U	A	
3244	COMPOSITE	1/4		6.0 TPG (m)	U	A	3118	COMPOSITE	3/16		5.0 TTG	U	A	
3245	COMPOSITE	3/8		10.0 TPG (m)	U	A	3119	COMPOSITE	1/4		6.0 TTG	U	A	
4700	COMPOSITE	(S)		6 LTG (b)	(.030)	U	3120	COMPOSITE	3/8		10.0 TTG	U	A	
4446	COMPOSITE	(H)		8-16+ LTG (b)	(.030)	U	3121	COMPOSITE	1/2		12.0 TTG	U	A	
4444	COMPOSITE	(H)		8-16+ LTG (ip)	(.035)	U	3122	COMPOSITE	1/8		3.0 TPG (s)	U	A	
							3124	COMPOSITE	3/16		5.0 TPG (m)	U	A	
<b>Oldcastle BuildingEnvelope™ ; Phoenix, AZ</b>														
3128	COMPOSITE	1/8		3.0 TTG	U	A	3125	COMPOSITE	1/4		6.0 TPG (m)	U	A	
3129	COMPOSITE	5/32		4.0 TTG	U	A	4340	COMPOSITE	3/8		10.0 TPG (s)	U	A	
3130	COMPOSITE	3/16		5.0 TTG	U	A	4448	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
3131	COMPOSITE	1/4		6.0 TTG	U	A	4450	COMPOSITE	(S)		6 LTG (ip)	(.030)	U	A
3132	COMPOSITE	3/8		10.0 TTG	U	A	4449	COMPOSITE	(H)		8-16+ LTG (b)	(.030)	U	A
3133	COMPOSITE	1/2		12.0 TTG	U	A	4451	COMPOSITE	(H)		8-16+ LTG (ip)	(.030)	U	A
3134	COMPOSITE	1/8		3.0 TPG (s)	U	A								
3135	COMPOSITE	5/32		4.0 TPG (s)	U	A								
3136	COMPOSITE	3/16		5.0 TPG (m)	U	A								
3999	COMPOSITE	1/4		6.0 TPG (s)	U	A								
3729	COMPOSITE	3/8		10.0 TPG (s)	U	A								

*Certified Products-Alphabetical By Plant*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Oldcastle BuildingEnvelope™ ; Warrenton, MO</b>						<b>PPG Inds., Inc. ; Burlington, IA</b>					
3144	COMPOSITE	1/8	3.0 TTG	U	A	1605	COMPOSITE	1/8	3.0 TTG	U	A
3145	COMPOSITE	5/32	4.0 TTG	U	A	1606	COMPOSITE	5/32	4.0 TTG	U	A
3146	COMPOSITE	3/16	5.0 TTG	U	A	1603	COMPOSITE	3/16	5.0 TTG	U	A
3147	COMPOSITE	1/4	6.0 TTG	U	A	1604	COMPOSITE	1/4	6.0 TTG	U	A
3796	COMPOSITE	5/16	8.0 TTG	U	A	<b>PPG Inds., Inc. ; Carlisle, PA</b>					
3148	COMPOSITE	3/8	10.0 TTG	U	A	250	COMPOSITE	1/8	3.0 TTG	U	A
3149	COMPOSITE	1/2	12.0 TTG	U	A	675	COMPOSITE	5/32	4.0 TTG	U	A
3151	COMPOSITE	1/8	3.0 TPG (s)	U	A	249	COMPOSITE	3/16	5.0 TTG	U	A
3152	COMPOSITE	5/32	4.0 TPG (s)	U	A	382	ANSI ONLY	1/4	6.0 TTG	U	A
3153	COMPOSITE	3/16	5.0 TPG (m)	U	A	<b>PPG Inds., Inc. ; Wichita Falls, TX</b>					
3154	COMPOSITE	1/4	6.0 TPG (m)	U	A	1110	COMPOSITE	1/8	3.0 TTG	U	A
3155	COMPOSITE	3/8	10.0 TPG (d)	U	A	1111	COMPOSITE	5/32	4.0 TTG	U	A
<b>Oldcastle BuildingEnvelope™ ; Wright City, MO</b>						1112	COMPOSITE	3/16	5.0 TTG	U	A
3137	COMPOSITE	1/8	3.0 TTG	U	A	1113	COMPOSITE	1/4	6.0 TTG	U	A
3138	COMPOSITE	5/32	4.0 TTG	U	A	3577	COMPOSITE	5/16	8.0 TTG	U	A
3139	COMPOSITE	3/16	5.0 TTG	U	A	3578	COMPOSITE	3/8	10.0 TTG	U	A
3140	COMPOSITE	1/4	6.0 TTG	U	A	<b>Prelco, Inc. ; Riviere-du-Loup, QC Canada</b>					
3141	COMPOSITE	5/16	8.0 TTG	U	A	2034	COMPOSITE	1/8	3.0 TTG	U	A
3142	COMPOSITE	3/8	10.0 TTG	U	A	2035	COMPOSITE	5/32	4.0 TTG	U	A
3143	COMPOSITE	1/2	12.0 TTG	U	A	2713	COMPOSITE	3/16	5.0 TTG	U	A
4526	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	2015	COMPOSITE	1/4	6.0 TTG	U	A
4528	COMPOSITE	(S)	6 LTG (ip)	(.035)	U A	2751	COMPOSITE	5/16	8.0 TTG	U	A
4529	COMPOSITE	(H)	8-16+ LTG (ip)	(.035)	U A	2381	COMPOSITE	3/8	10.0 TTG	U	A
4527	COMPOSITE	(H)	8-16+ LTG (b)	(.030)	U A	2048	COMPOSITE	1/2	12.0 TTG	U	A
<b>Patio Enclosures ; Macedonia, OH</b>						<b>Productos De Valor Agregado ; Tlalnepantla, Edo Mexico</b>					
2056	COMPOSITE	1/8	3.0 TTG	U	A	4639	COMPOSITE	3/16	5.0 TTG	U	A
2057	COMPOSITE	5/32	4.0 TTG	U	A	4645	COMPOSITE	1/4	6.0 TTG	U	A
2058	COMPOSITE	3/16	5.0 TTG	U	A	4788	COMPOSITE	5/16	8.0 TTG	U	A
3015	COMPOSITE	1/4	6.0 TTG	U	A	4640	COMPOSITE	3/8	10.0 TTG	U	A
<b>Pennsylvania Insulating Glass ; Lewistown, PA</b>						4641	COMPOSITE	1/2	12.0 TTG	U	A
3918	COMPOSITE	(S)	5-6 LTG (b)	(.030)	U A	4642	COMPOSITE	3/4	19.0 TTG	U	A
3919	COMPOSITE	(H)	8-10 LTG (b)	(.030)	U A	<b>PT Abebersa Pratama ; Bekasi, Indonesia</b>					
<b>Perficom, S.A. de C.V. ; San Juan Del Rio Queretaro Mexico</b>						3905	COMPOSITE	5/32	4.0 TTG	U	A
4512	COMPOSITE	1/8	3.0 TTG	U	A	3906	COMPOSITE	3/16	5.0 TTG	U	A
<b>PFG Industries ; Langley, BC Canada</b>						<b>Pulp Studio Inc. ; Los Angeles, CA</b>					
3538	COMPOSITE	1/8	3.0 TTG	U	A	4685	COMPOSITE	(H)	10 LTG (b)	(.030)	U A
3539	COMPOSITE	5/32	4.0 TTG	U	A	4711	COMPOSITE	(H)	12 LTG (b)	(.075)	U A
3540	COMPOSITE	3/16	5.0 TTG	U	A	<b>Qinhuangdao Detai Tempered Glass Co., Ltd. ; Qinhuangdao City, Hebei China</b>					
3541	COMPOSITE	1/4	6.0 TTG	U	A	4156	COMPOSITE	1/8	3.0 TTG	U	A
3542	COMPOSITE	5/16	8.0 TTG	U	A	<b>Qinhuangdao High-Tech Energy-Saving Dorwin Co Ltd ; Qinhuangdao City, China</b>					
3543	COMPOSITE	3/8	10.0 TTG	U	A	4635	COMPOSITE	1/8	3.0 TTG	U	A
3544	COMPOSITE	1/2	12.0 TTG	U	A	<b>Qinhuangdao Jixiang Glass Industry ; Qinhuangdao, Hebei, China</b>					
3547	COMPOSITE	1/8	3.0 TPG (s)	U	A	2974	COMPOSITE	1/8	3.0 TTG	U	A
3548	COMPOSITE	5/32	4.0 TPG (d)	U	A	3660	COMPOSITE	1/4	6.0 TPG (d)	U	A
3549	COMPOSITE	3/16	5.0 TPG (m)	U	A	<b>Qinhuangdao Kunping Safety Glass Co. Ltd. ; Qinhuangdao City, China</b>					
3711	COMPOSITE	1/4	6.0 TPG (m)	U	A	3730	COMPOSITE	1/8	3.0 TTG	U	A
<b>PGT Industries ; Nokomis, FL</b>						<b>QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, China</b>					
2389	COMPOSITE	1/8	3.0 TTG	U	A	3690	COMPOSITE	1/8	3.0 TTG	U	A
2390	COMPOSITE	3/16	5.0 TTG	U	A						
2391	COMPOSITE	1/4	6.0 TTG	U	A						
3880	COMPOSITE	1/8	3.0 TPG (s)	U	A						
3881	COMPOSITE	3/16	5.0 TPG (s)	U	A						
3482	COMPOSITE	(H)	8-12 LTG (ip)	(.090)	U A						
2426	COMPOSITE	(H)	8-12 LTG (b)	(.060)	U A						

*Certified Products-Alphabetical By Plant*

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>Quaker Window Products, Inc. ; Freeburg, MO</b>						<b>SCHOTT Gemtron - Sweetwater ; Sweetwater, TN</b>					
2985	COMPOSITE	1/8	3.0 TTG	U	A	1334	COMPOSITE	1/8	3.0 TTG	U	A
2986	COMPOSITE	3/16	5.0 TTG	U	A	1332	COMPOSITE	5/32	4.0 TTG	U	A
3485	COMPOSITE	1/4	6.0 TTG	U	A	1201	COMPOSITE	3/16	5.0 TTG	U	A
2968	COMPOSITE	1/8	3.0 TPG (m)	U	A	1477	COMPOSITE	1/4	6.0 TTG	U	A
2969	COMPOSITE	5/32	4.0 TPG (IN)(m)	U	A	1422	COMPOSITE	1/8	3.0 TPG (s)	U	A
3486	COMPOSITE	3/16	5.0 TPG (m)	U	A	1424	COMPOSITE	5/32	4.0 TPG (s)	U	A
2970	COMPOSITE	1/4	6.0 TPG (IN)(m)	U	A	<b>SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada</b>					
<b>Quality Glass &amp; Mirror, Inc. ; Mount Prospect, IL</b>						3067	COMPOSITE	1/8	3.0 TTG	U	A
2981	COMPOSITE	3/16	5.0 TTG	U	A	3659	COMPOSITE	5/32	4.0 TTG	U	A
2982	COMPOSITE	1/4	6.0 TTG	U	A	3636	COMPOSITE	3/16	5.0 TTG	U	A
2983	COMPOSITE	3/8	10.0 TTG	U	A	3637	COMPOSITE	1/4	6.0 TTG	U	A
2984	COMPOSITE	1/2	12.0 TTG	U	A	<b>Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB ; Shanghai, China</b>					
3805	COMPOSITE	3/4	19.0 TTG	U	A	2779	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
<b>Quality Glass and Mirror Service, Inc. ; Omaha, NE</b>						4353	COMPOSITE	(H)	8 LTG (b)	(.030)	U A
4776	COMPOSITE	3/8	10.0 TTG	U	A	2780	COMPOSITE	(H)	10-16+ LTG (b)	(.015)	U A
4777	COMPOSITE	1/2	12.0 TTG	U	A	<b>Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE ; Shanghai, China</b>					
<b>Ready Glass &amp; Mirror, Inc. ; Hialeah, FL</b>						4067	COMPOSITE	5/32	4.0 TTG	U	A
3745	COMPOSITE	3/16	5.0 TTG	U	A	4068	COMPOSITE	3/16	5.0 TTG	U	A
3746	COMPOSITE	1/4	6.0 TTG	U	A	4069	COMPOSITE	1/4	6.0 TTG	U	A
3747	COMPOSITE	3/8	10.0 TTG	U	A	4070	COMPOSITE	5/16	8.0 TTG	U	A
3748	COMPOSITE	1/2	12.0 TTG	U	A	4071	COMPOSITE	3/8	10.0 TTG	U	A
4136	COMPOSITE	3/16	5.0 TPG (s)	U	A	4072	COMPOSITE	1/2	12.0 TTG	U	A
<b>Reem Emirates Glass ; Abu Dhabi, UAE</b>						4073	COMPOSITE	*	15.0 TTG (3)	U	A
4675	COMPOSITE	1/4	6.0 TTG	U	A	4074	COMPOSITE	3/4	19.0 TTG	U	A
4676	COMPOSITE	5/16	8.0 TTG	U	A	<b>Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE ; Tianjin, China</b>					
4677	COMPOSITE	3/8	10.0 TTG	U	A	4075	COMPOSITE	3/16	5.0 TTG	U	A
<b>RF Supply, Inc. ; Bradenton, FL</b>						4076	COMPOSITE	1/4	6.0 TTG	U	A
4222	COMPOSITE	1/8	3.0 TTG	U	A	4077	COMPOSITE	5/16	8.0 TTG	U	A
4224	COMPOSITE	3/16	5.0 TTG	U	A	4078	COMPOSITE	3/8	10.0 TTG	U	A
4225	COMPOSITE	1/4	6.0 TTG	U	A	4079	COMPOSITE	*	12.0 TTG (3)	U	A
4226	COMPOSITE	3/8	10.0 TTG	U	A	4080	COMPOSITE	*	15.0 TTG (3)	U	A
4227	COMPOSITE	1/2	12.0 TTG	U	A	4081	COMPOSITE	3/4	19.0 TTG	U	A
4229	COMPOSITE	3/16	5.0 TPG (d)	U	A	4083	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
4230	COMPOSITE	3/8	10.0 TPG (d)	U	A	4084	COMPOSITE	(H)	8-16+ LTG (b)	(.015)	U A
<b>Richwood Company, Inc. ; Guangdong, China</b>						<b>Shaw Glass Co. ; S. Easton, MA</b>					
4678	COMPOSITE	1/4	6.0 TTG	U	A	3001	COMPOSITE	1/8	3.0 TTG	U	A
4679	COMPOSITE	1/4	6.0 TBG	U	A	1871	COMPOSITE	3/16	5.0 TTG	U	A
<b>Saint Gobain Mexico, S.A. de C.V. ; Morelos, Mexico</b>						1035	COMPOSITE	1/4	6.0 TTG	U	A
2269	ANSI ONLY	(S)	6 LTG (b)	.015(C1)	U B	1036	COMPOSITE	3/8	10.0 TTG	U	A
2743	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	1037	COMPOSITE	1/2	12.0 TTG	U	A
2267	ANSI ONLY	(H)	8-10 LTG (b)	(.015)(C1)	U B	1939	COMPOSITE	3/16	5.0 TPG (s)	U	A
2332	COMPOSITE	(H)	8, 12 LTG (b)	(.030)	U A	<b>Shenzhen Jiayeda Glass Processing Co., LTD ; Shenzhen City, Guangdong, China</b>					
3479	COMPOSITE	(H)	10 LTG (b)	(.090)	U A	4439	COMPOSITE	5/32	4.0 TTG	U	A
<b>Saint-Gobain SOVIS ; Thierry, France</b>						4440	COMPOSITE	1/4	6.0 TTG	U	A
2769	COMPOSITE	1/8	3.0 TTG	U	A	4441	COMPOSITE	5/32	4.0 TPG (s)	U	A
2248	COMPOSITE	1/4	6.0 TTG	U	A						
1992	COMPOSITE	5/32	4.0 TBG	U	A						
2770	COMPOSITE	3/16	5.0 TBG	U	A						
1864	COMPOSITE	1/4	6.0 TBG	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	
<b>SIGCO, Inc. ; Portland, ME</b>							<b>Taiwan Glass Industry Corporation ; Taipei, Taiwan</b>							
2961	COMPOSITE	1/8		3.0 TTG	U	A	3886	COMPOSITE	5/32		4.0 TTG	U	A	
2962	COMPOSITE	5/32		4.0 TTG	U	A	3887	COMPOSITE	3/16		5.0 TTG	U	A	
2963	COMPOSITE	3/16		5.0 TTG	U	A	3888	COMPOSITE	1/4		6.0 TTG	U	A	
2964	COMPOSITE	1/4		6.0 TTG	U	A	3889	COMPOSITE	5/16		8.0 TTG	U	A	
2965	COMPOSITE	3/8		10.0 TTG	U	A	3890	COMPOSITE	3/8		10.0 TTG	U	A	
2966	COMPOSITE	1/2		12.0 TTG	U	A	3891	COMPOSITE	1/2		12.0 TTG	U	A	
4326	COMPOSITE	5/8		16.0 TTG	U	A	3892	COMPOSITE	(S)		6 LTG (b)	(.015)	U	A
4327	COMPOSITE	3/4		19.0 TTG	U	A	3893	COMPOSITE	(H)		12 LTG (b)	(.015)	U	A
4543	COMPOSITE	1/8		3.0 TPG (m)	U	A	<b>Techni-Glass, Inc. ; Surgoinville, TN</b>							
2967	COMPOSITE	5/32		4.0 TPG (m)	U	A	2547	COMPOSITE	1/8		3.0 TTG	U	A	
3028	COMPOSITE	3/16		5.0 TPG (m)	U	A	2548	COMPOSITE	5/32		4.0 TTG	U	A	
4206	COMPOSITE	3/8		10.0 TPG (s)	U	A	2549	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Simonton Windows ; Ellenboro, WV</b>							2975	COMPOSITE	1/4		6.0 TTG	U	A	
2887	COMPOSITE	1/8		3.0 TTG	U	A	3062	COMPOSITE	3/8		10.0 TTG	U	A	
2888	COMPOSITE	3/16		5.0 TTG	U	A	4509	COMPOSITE	1/2		12.0 TTG	U	A	
<b>Solidigm ; Olive Branch, MS</b>							4510	COMPOSITE	5/8		16.0 TTG	U	A	
4725	COMPOSITE	1/8		3.0 TTG	U	A	3061	COMPOSITE	1/8		3.0 TPG (m)	U	A	
4726	COMPOSITE	5/32		4.0 TTG	U	A	2550	COMPOSITE	3/16		5.0 TPG (m)	U	A	
4727	COMPOSITE	3/16		5.0 TTG	U	A	3060	COMPOSITE	1/4		6.0 TPG (m)	U	A	
4728	COMPOSITE	1/4		6.0 TTG	U	A	<b>Tecnoglass S.A. ; Barranquilla, Colombia</b>							
<b>Southwest Glass Products Inc. ; London, Ontario Canada</b>							2133	COMPOSITE	1/8		3.0 TTG	U	A	
3978	COMPOSITE	1/8		3.0 TTG	U	A	2287	COMPOSITE	5/32		4.0 TTG	U	A	
4278	COMPOSITE	5/32		4.0 TTG	U	A	1993	COMPOSITE	3/16		5.0 TTG	U	A	
3979	COMPOSITE	3/16		5.0 TTG	U	A	1994	COMPOSITE	1/4		6.0 TTG	U	A	
3980	COMPOSITE	1/4		6.0 TTG	U	A	2134	COMPOSITE	5/16		8.0 TTG	U	A	
3981	COMPOSITE	3/8		10.0 TTG	U	A	1995	COMPOSITE	3/8		10.0 TTG	U	A	
<b>Spec-Temp, Inc. ; Antwerp, OH</b>							2135	COMPOSITE	1/2		12.0 TTG	U	A	
2684	COMPOSITE	1/8		3.0 TTG	U	A	2365	COMPOSITE	5/8		16.0 TTG	U	A	
2685	COMPOSITE	5/32		4.0 TTG	U	A	2894	COMPOSITE	3/4		19.0 TTG	U	A	
2686	COMPOSITE	3/16		5.0 TTG	U	A	4003	COMPOSITE	(H)		8-16+ LTG (b)	(.030)	U	A
2687	COMPOSITE	1/4		6.0 TTG	U	A	<b>The Original Frameless Shower Door ; Coral Springs, FL</b>							
2688	COMPOSITE	3/8		10.0 TTG	U	A	4661	COMPOSITE	1/4		6.0 TTG	U	A	
3358	COMPOSITE	5/32		4.0 TBG	U	A	4662	COMPOSITE	3/8		10.0 TTG	U	A	
<b>Swift Glass Co., Inc. ; Elmira Heights, NY</b>							4663	COMPOSITE	1/2		12.0 TTG	U	A	
1555	COMPOSITE	1/8		3.0 TTG	U	A	<b>Thermo BSL ; Riv du Loup, QE Canada</b>							
1556	COMPOSITE	3/16		5.0 TTG	U	A	4290	COMPOSITE	1/8		3.0 TTG	U	A	
1557	COMPOSITE	1/4		6.0 TTG	U	A	4291	COMPOSITE	5/32		4.0 TTG	U	A	
1558	COMPOSITE	3/8		10.0 TTG	U	A	4292	COMPOSITE	3/16		5.0 TTG	U	A	
1559	COMPOSITE	1/2		12.0 TTG	U	A	4293	COMPOSITE	1/4		6.0 TTG	U	A	
<b>Syracuse Glass Company ; Syracuse, NY</b>							<b>Thermoseal Industries, LLC ; Gloucester City, NJ</b>							
2654	COMPOSITE	1/8		3.0 TTG	U	A	4468	COMPOSITE	1/8		3.0 TTG	U	A	
2957	COMPOSITE	3/16		5.0 TTG	U	A	4470	COMPOSITE	3/16		5.0 TTG	U	A	
2656	COMPOSITE	1/4		6.0 TTG	U	A	4471	COMPOSITE	1/4		6.0 TTG	U	A	
2958	COMPOSITE	3/8		10.0 TTG	U	A	<b>Tianjin CSG Architectural Glass Co., LTD. ; Tianjin, China</b>							
2657	COMPOSITE	1/2		12.0 TTG	U	A	4021	COMPOSITE	5/32		4.0 TTG	U	A	
<b>Tacoma Glass Mfg. Inc. ; Lakewood, WA</b>							4022	COMPOSITE	3/16		5.0 TTG	U	A	
4730	COMPOSITE	1/4		6.0 TTG	U	A	4023	COMPOSITE	1/4		6.0 TTG	U	A	
4731	COMPOSITE	3/8		10.0 TTG	U	A	4024	COMPOSITE	5/16		8.0 TTG	U	A	
4732	COMPOSITE	1/2		12.0 TTG	U	A	4025	COMPOSITE	3/8		10.0 TTG	U	A	
4733	COMPOSITE	(S)		6 LTG (b)	(.030)	U	4026	COMPOSITE	1/2		12.0 TTG	U	A	
4735	COMPOSITE	(H)		10-12 LTG (b)	(.030)	U	4027	COMPOSITE	*		15.0 TTG (3)	U	A	
<b>Tai Shan City Da Heng Art Glass Ltd. ; Guang Dong, China</b>							4028	COMPOSITE	3/4		19.0 TTG	U	A	
3787	COMPOSITE	1/8		3.0 TTG	U	A	4030	COMPOSITE	(H)		8 LTG (b)	(.030)	U	A
3788	COMPOSITE	5/32		4.0 TTG	U	A	4106	COMPOSITE	(H)		10 LTG (b)	(.045)	U	A
3789	COMPOSITE	3/16		5.0 TTG	U	A	4107	COMPOSITE	(H)		12 LTG (b)	(.060)	U	A
							4108	COMPOSITE	(H)		16+ LTG (b)	(.090)	U	A



**Certified Products-Alphabetical By Plant**

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
<b>TianJin Dong Sung Home Building Materials Co. Ltd. ; Tian Jin, China</b>						<b>Trulite Glass &amp; Aluminum Solutions ; Atlanta, GA</b>					
2889	COMPOSITE	1/8	3.0 TTG	U	A	2959	COMPOSITE	1/8	3.0 TTG	U	A
4035	COMPOSITE	5/32	4.0 TTG	U	A	862	COMPOSITE	3/16	5.0 TTG	U	A
2890	COMPOSITE	3/16	5.0 TTG	U	A	863	COMPOSITE	1/4	6.0 TTG	U	A
3094	COMPOSITE	1/4	6.0 TTG	U	A	865	COMPOSITE	3/8	10.0 TTG	U	A
3460	COMPOSITE	5/32	4.0 TPG (d)	U	A	866	COMPOSITE	1/2	12.0 TTG	U	A
3431	COMPOSITE	3/16	5.0 TPG (m)	U	A	4089	COMPOSITE	5/8	16.0 TTG	U	A
<b>Traco (Three Rivers Alum) ; Cranberry Township, PA</b>						<b>Trulite Glass &amp; Aluminum Solutions ; City of Industry, CA</b>					
2488	COMPOSITE	1/8	3.0 TTG	U	A	4090	COMPOSITE	1/8	3.0 TPG (s)	U	A
2489	COMPOSITE	3/16	5.0 TTG	U	A	3554	COMPOSITE	3/16	5.0 TPG (s)	U	A
2490	COMPOSITE	1/4	6.0 TTG	U	A	4555	COMPOSITE	1/4	6.0 TPG (m)	U	A
2678	COMPOSITE	5/16	8.0 TTG	U	A	4554	COMPOSITE	3/8	10.0 TPG (s)	U	A
4394	COMPOSITE	1/8	3.0 TPG (s)	U	A	3536	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
4395	COMPOSITE	3/16	5.0 TPG (s)	U	A	<b>Trulite Glass &amp; Aluminum Solutions ; Columbus, OH</b>					
2714	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	4182	COMPOSITE	1/8	3.0 TTG	U	A
2715	COMPOSITE	(H)	8 & 12 LTG (b)	(.060)	U A	4183	COMPOSITE	5/32	4.0 TTG	U	A
2748	COMPOSITE	(H)	8-12 LTG (ip)	(.090)	U A	4184	COMPOSITE	3/16	5.0 TTG	U	A
2716	COMPOSITE	(H)	10 LTG (b)	(.030)	U A	4185	COMPOSITE	1/4	6.0 TTG	U	A
2719	COMPOSITE	(H)	12 LTG (b)	(.090)	U A	4186	COMPOSITE	3/8	10.0 TTG	U	A
<b>Triple Seal Ltd. ; Toronto, ON Canada</b>						<b>Trulite Glass &amp; Aluminum Solutions ; Detroit, MI</b>					
2481	COMPOSITE	1/8	3.0 TTG	U	A	4187	COMPOSITE	1/2	12.0 TTG	U	A
2482	COMPOSITE	5/32	4.0 TTG	U	A	4522	COMPOSITE	5/8	16.0 TTG	U	A
3023	COMPOSITE	3/16	5.0 TTG	U	A	4371	COMPOSITE	3/4	19.0 TTG	U	A
2484	COMPOSITE	1/4	6.0 TTG	U	A	4188	COMPOSITE	1/8	3.0 TPG (s)	U	A
4356	COMPOSITE	5/16	8.0 TTG	U	A	4372	COMPOSITE	5/32	4.0 TPG (s)	U	A
4357	COMPOSITE	3/8	10.0 TTG	U	A	4373	COMPOSITE	3/16	5.0 TPG (s)	U	A
4358	COMPOSITE	1/2	12.0 TTG	U	A	4189	COMPOSITE	1/4	6.0 TPG (s)	U	A
<b>Tristar Glass Inc. ; Tulsa, OK</b>						<b>Trulite Glass &amp; Aluminum Solutions ; Fort Worth, TX</b>					
4004	COMPOSITE	1/8	3.0 TTG	U	A	4374	COMPOSITE	3/8	10.0 TPG (s)	U	A
4005	COMPOSITE	5/32	4.0 TTG	U	A	4233	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
4006	COMPOSITE	3/16	5.0 TTG	U	A	<b>Trulite Glass &amp; Aluminum Solutions ; Grenada, MS</b>					
4007	COMPOSITE	1/4	6.0 TTG	U	A	2787	COMPOSITE	1/8	3.0 TTG	U	A
4008	COMPOSITE	3/8	10.0 TTG	U	A	2788	COMPOSITE	3/16	5.0 TTG	U	A
4009	COMPOSITE	1/2	12.0 TTG	U	A	2789	COMPOSITE	1/4	6.0 TTG	U	A
4010	COMPOSITE	5/32	4.0 TPG (s)	U	A	2840	COMPOSITE	3/8	10.0 TTG	U	A
4011	COMPOSITE	3/16	5.0 TPG (s)	U	A	4601	COMPOSITE	1/2	12.0 TTG	U	A
4410	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	4794	COMPOSITE	5/32	4.0 TPG (s)	U	A
4411	COMPOSITE	(H)	10-12 LTG (b)	(.030)	U A	4743	COMPOSITE	(S)	5-6 LTG (b)	(.030)	U A
<b>Troy Systems LLC ; Manassas, VA</b>						<b>Trulite Glass &amp; Aluminum Solutions ; Grenada, MS</b>					
4286	COMPOSITE	3/16	5.0 TTG	U	A	4755	COMPOSITE	(H)	8 LTG (b)	(.090)	U A
4061	COMPOSITE	1/4	6.0 TTG	U	A	4744	COMPOSITE	(H)	10-16+ LTG (b)	(.030)	U A
4062	COMPOSITE	3/8	10.0 TTG	U	A						
4063	COMPOSITE	1/2	12.0 TTG	U	A						
4302	COMPOSITE	3/8	10.0 TPG (s)	U	A						

**Certified Products-Alphabetical By Plant**

<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>	<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>
		<i>(THICKNESS CLASS)</i>						<i>(THICKNESS CLASS)</i>			
<b>Trulite Glass &amp; Aluminum Solutions ; Houston, TX</b>						<b>United Plate Glass Co., Inc. ; Butler, PA</b>					
4596	COMPOSITE	1/8	3.0 TTG	U	A	2467	COMPOSITE	1/8	3.0 TTG	U	A
3925	COMPOSITE	3/16	5.0 TTG	U	A	2468	COMPOSITE	3/16	5.0 TTG	U	A
3926	COMPOSITE	1/4	6.0 TTG	U	A	2469	COMPOSITE	1/4	6.0 TTG	U	A
3927	COMPOSITE	3/8	10.0 TTG	U	A	2470	COMPOSITE	3/8	10.0 TTG	U	A
3928	COMPOSITE	1/2	12.0 TTG	U	A	2471	COMPOSITE	1/2	12.0 TTG	U	A
3929	COMPOSITE	3/4	19.0 TTG	U	A	2472	COMPOSITE	3/4	19.0 TTG	U	A
3930	COMPOSITE	1/8	3.0 TPG (s)	U	A	2473	COMPOSITE	1/8	3.0 TPG (d)	U	A
3931	COMPOSITE	3/16	5.0 TPG (s)	U	A	2683	COMPOSITE	5/32	4.0 TPG (d)	U	A
4666	COMPOSITE	(S)	6 LTG (b)	(.030) U	A	2474	COMPOSITE	3/16	5.0 TPG (d)	U	A
4667	COMPOSITE	(H)	12 LTG (b)	(.030) U	A	2475	COMPOSITE	1/4	6.0 TPG (m)	U	A
<b>Trulite Glass &amp; Aluminum Solutions ; Indianapolis, IN</b>						<b>United Plate Glass Company of Charlotte ; Lincolnton, NC</b>					
4749	COMPOSITE	1/8	3.0 TTG	U	A	3948	COMPOSITE	1/8	3.0 TTG	U	A
4752	COMPOSITE	5/32	4.0 TTG	U	A	4197	COMPOSITE	5/32	4.0 TTG	U	A
4754	COMPOSITE	3/8	10.0 TTG	U	A	3949	COMPOSITE	3/16	5.0 TTG	U	A
4753	COMPOSITE	1/2	12.0 TTG	U	A	3950	COMPOSITE	1/4	6.0 TTG	U	A
4750	COMPOSITE	3/16	5.0 TPG (s)	U	A	3951	COMPOSITE	3/8	10.0 TTG	U	A
4751	COMPOSITE	3/8	10.0 TPG (s)	U	A	3952	COMPOSITE	1/2	12.0 TTG	U	A
<b>Trulite Glass &amp; Aluminum Solutions ; Las Vegas, NV</b>						<b>Vetreteria Valentini S.R.L. ; Brescia, Italy</b>					
4210	COMPOSITE	1/8	3.0 TTG	U	A	2423	ANSI ONLY	5/32	4.0 TTG	U	A
4211	COMPOSITE	5/32	4.0 TTG	U	A	4246	ANSI ONLY	5/32	4.0 TBG	U	A
4212	COMPOSITE	3/16	5.0 TTG	U	A	2898	ANSI ONLY	1/4	6.0 TBG	U	A
4213	COMPOSITE	1/4	6.0 TTG	U	A	<b>Vidrios El Castillo SC de RL de CV ; Escobedo Nuevo Leon Mexico</b>					
4214	COMPOSITE	3/8	10.0 TTG	U	A	3984	COMPOSITE	1/8	3.0 TTG	U	A
4215	COMPOSITE	1/2	12.0 TTG	U	A	3985	COMPOSITE	1/4	6.0 TTG	U	A
4216	COMPOSITE	3/4	19.0 TTG	U	A	3986	COMPOSITE	3/8	10.0 TTG	U	A
4217	COMPOSITE	1/8	3.0 TPG (s)	U	A	3987	COMPOSITE	1/2	12.0 TTG	U	A
4218	COMPOSITE	5/32	4.0 TPG (m)	U	A	3988	COMPOSITE	3/4	19.0 TTG	U	A
4219	COMPOSITE	3/16	5.0 TPG (m)	U	A	4712	COMPOSITE	(S)	6 LTG (b)	(.015) U	B
4220	COMPOSITE	1/4	6.0 TPG (m)	U	A	4713	COMPOSITE	(S)	6 LTG (b)	(.030) U	A
4221	COMPOSITE	3/8	10.0 TPG (s)	U	A	<b>Vidrios Marte SA de CV ; Azcapotzalco Mexico City, Mexico</b>					
<b>Trulite Glass &amp; Aluminum Solutions ; New Berlin, WI</b>						<b>Viracon, Inc. ; Owatonna, MN</b>					
3430	COMPOSITE	(S)	6 LTG (b)	(.030) U	A	4041	COMPOSITE	1/8	3.0 TTG	U	A
<b>Trulite Glass &amp; Aluminum Solutions ; Orlando, FL</b>						<b>Viracon, Inc. ; St. George, UT</b>					
3461	COMPOSITE	(S)	6 LTG (b)	(.030) U	A	4036	COMPOSITE	3/16	5.0 TTG	U	A
<b>Trulite Glass &amp; Aluminum Solutions ; Pittsburgh, PA</b>						<b>Viracon, Inc. ; St. George, UT</b>					
1784	COMPOSITE	1/8	3.0 TTG	U	A	4037	COMPOSITE	1/4	6.0 TTG	U	A
1785	COMPOSITE	3/16	5.0 TTG	U	A	4038	COMPOSITE	5/16	8.0 TTG	30x60 U	A
1786	COMPOSITE	1/4	6.0 TTG	U	A	4039	COMPOSITE	3/8	10.0 TTG	U	A
3495	COMPOSITE	5/16	8.0 TTG	U	A	4287	COMPOSITE	1/2	12.0 TTG	U	A
1787	COMPOSITE	3/8	10.0 TTG	U	A	4741	COMPOSITE	(S)	6 LTG (b)	(.030) U	A
1788	COMPOSITE	1/2	12.0 TTG	U	A	4442	COMPOSITE	(H)	10-16+ LTG (b)	(.030) U	A
4134	COMPOSITE	5/8	16.0 TTG	U	A	<b>Viracon, Inc. ; St. George, UT</b>					
4135	COMPOSITE	3/4	19.0 TTG	U	A	4036	COMPOSITE	3/16	5.0 TTG	U	A
4452	COMPOSITE	1/8	3.0 TPG (s)	U	A	4037	COMPOSITE	1/4	6.0 TTG	U	A
1790	COMPOSITE	3/16	5.0 TPG (s)	U	A	4038	COMPOSITE	5/16	8.0 TTG	30x60 U	A
4453	COMPOSITE	3/8	10.0 TPG (s)	U	A	4039	COMPOSITE	3/8	10.0 TTG	U	A
<b>Trulite Glass &amp; Aluminum Solutions ; Youngsville, NC</b>						<b>Viracon, Inc. ; St. George, UT</b>					
4437	COMPOSITE	(S)	6 LTG (b)	(.030) U	A	4287	COMPOSITE	1/2	12.0 TTG	U	A
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</b>					
						<b>Viracon, Inc. ; St. George, UT</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	
<b>Viracon, Inc. ; Statesboro, GA</b>							<b>XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.) ; GuangDong, China</b>							
2314	COMPOSITE	3/16		5.0 TTG	U	A	3085	COMPOSITE	3/16		5.0 TTG	U	A	
2310	COMPOSITE	1/4		6.0 TTG	U	A	3053	COMPOSITE	1/4		6.0 TTG	U	A	
4720	COMPOSITE	5/16		8.0 TTG	U	A	4648	COMPOSITE	5/16		8.0 TTG	U	A	
2311	COMPOSITE	3/8		10.0 TTG	U	A	3054	COMPOSITE	3/8		10.0 TTG	U	A	
4778	COMPOSITE	(S)		6 LTG (b)	(.030)	U	3055	COMPOSITE	1/2		12.0 TTG	U	A	
4779	COMPOSITE	(H)		8-16+ LTG (b)	(.030)	U	4179	COMPOSITE	*		15.0 TTG (3)	U	A	
4784	COMPOSITE	(H)		12 LTG (ip)	(.090)	U	3056	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
<b>Virginia Glass Products Corp. ; Martinsville, VA</b>							<b>3489 COMPOSITE (H) 8-16+ LTG (b) (.030) U A</b>							
12	COMPOSITE	3/16		5.0 TTG	U	A	<b>Yao Xiang Glass Product Co. Ltd. ; Guang Dong China</b>							
14	COMPOSITE	1/4		6.0 TTG	U	A	3736	COMPOSITE	5/32		4.0 TTG	U	A	
93	COMPOSITE	3/8		10.0 TTG	U	A	3737	COMPOSITE	3/16		5.0 TTG	U	A	
94	COMPOSITE	1/2		12.0 TTG	U	A	3738	COMPOSITE	1/4		6.0 TTG	U	A	
2182	COMPOSITE	5/8		16.0 TTG	U	A	3739	COMPOSITE	5/16		8.0 TTG	U	A	
95	COMPOSITE	3/4		19.0 TTG	U	A	3740	COMPOSITE	3/8		10.0 TTG	U	A	
<b>Vitra Vidrios Transformados SA de CV ; Cortes, Honduras</b>							<b>3741 COMPOSITE 1/2 12.0 TTG U A</b>							
4651	COMPOSITE	3/16		5.0 TTG	U	A	3742	COMPOSITE	3/16		5.0 TBG	U	A	
4652	COMPOSITE	1/4		6.0 TTG	U	A	3743	COMPOSITE	1/4		6.0 TBG	U	A	
4653	COMPOSITE	5/16		8.0 TTG	U	A	<b>Yitian (Cattis) Glass Product Co., Ltd ; Foshan City, Guangdong China</b>							
4654	COMPOSITE	3/8		10.0 TTG	U	A	4690	COMPOSITE	5/32		4.0 TTG	U	A	
4655	COMPOSITE	1/2		12.0 TTG	U	A	4691	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Vitraform, Inc. ; Denver, CO</b>							<b>4692 COMPOSITE 1/4 6.0 TTG U A</b>							
4274	CPSC ONLY	(H)		10, 19+ LTG (lc)	(.020)	U	4693	COMPOSITE	5/16		8.0 TTG	U	A	
<b>Viwinco, Inc. ; Morgantown, PA</b>							<b>4694 COMPOSITE 3/16 5.0 TBG U A</b>							
3074	COMPOSITE	1/8		3.0 TTG	U	A	4695	COMPOSITE	1/4		6.0 TBG	U	A	
3405	COMPOSITE	3/16		5.0 TTG	U	A	<b>Zhangjiagang Weiyu Fabricated Glass Co. Ltd. ; Zhangjiagang JiangSu, China</b>							
3406	COMPOSITE	(S)		6 LTG (b)	(.090)	U	4093	COMPOSITE	1/8		3.0 TTG	U	A	
3408	COMPOSITE	(H)		8 LTG (b)	(.090)	U	4602	COMPOSITE	5/32		4.0 TTG	U	A	
<b>W.A. Wilson ; Wheeling, WV</b>							<b>4094 COMPOSITE 3/16 5.0 TTG U A</b>							
4169	COMPOSITE	1/8		3.0 TTG	U	A	4095	COMPOSITE	1/4		6.0 TTG	U	A	
4170	COMPOSITE	3/16		5.0 TTG	U	A	<b>White Aluminum Enterprises LLC ; Abu Dhabi, UAE</b>							
4171	COMPOSITE	1/4		6.0 TTG	U	A	4598	COMPOSITE	1/4		6.0 TTG	U	A	
4172	COMPOSITE	3/8		10.0 TTG	U	A	4597	COMPOSITE	5/16		8.0 TTG	U	A	
4173	COMPOSITE	1/2		12.0 TTG	U	A	<b>Wholesale Glass Dist. ; Memphis, TN</b>							
4174	COMPOSITE	1/8		3.0 TPG (d)	U	A	4379	COMPOSITE	3/16		5.0 TTG	U	A	
4175	COMPOSITE	3/16		5.0 TPG (d)	U	A	4380	COMPOSITE	1/4		6.0 TTG	U	A	
4176	COMPOSITE	3/8		10.0 TPG (s)	U	A	4381	COMPOSITE	3/8		10.0 TTG	U	A	
<b>White Aluminum Enterprises LLC ; Abu Dhabi, UAE</b>							<b>4382 COMPOSITE 1/2 12.0 TTG U A</b>							
4598	COMPOSITE	1/4		6.0 TTG	U	A	<b>WSD Glass, Inc. ; Winston-Salem, NC</b>							
4597	COMPOSITE	5/16		8.0 TTG	U	A	4048	COMPOSITE	3/16		5.0 TTG	U	A	
<b>Wholesale Glass Dist. ; Memphis, TN</b>							<b>4049 COMPOSITE 1/4 6.0 TTG U A</b>							
4379	COMPOSITE	3/16		5.0 TTG	U	A	4052	COMPOSITE	3/8		10.0 TTG	U	A	
4380	COMPOSITE	1/4		6.0 TTG	U	A	4050	COMPOSITE	1/2		12.0 TTG	U	A	
4381	COMPOSITE	3/8		10.0 TTG	U	A	4051	COMPOSITE	3/16		5.0 TPG (s)	U	A	
4382	COMPOSITE	1/2		12.0 TTG	U	A								
<b>WSD Glass, Inc. ; Winston-Salem, NC</b>														
4048	COMPOSITE	3/16		5.0 TTG	U	A								
4049	COMPOSITE	1/4		6.0 TTG	U	A								
4052	COMPOSITE	3/8		10.0 TTG	U	A								
4050	COMPOSITE	1/2		12.0 TTG	U	A								
4051	COMPOSITE	3/16		5.0 TPG (s)	U	A								

## CERTIFIED PRODUCTS KEY

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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
U	UNLIMITED SIZE CATEGORY
A	ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP
B	ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP
(S)	STANDARD THICKNESS CLASS FOR LAMINATED GLASS
(H)	HEAVY THICKNESS CLASS FOR LAMINATED GLASS
(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
(s)	SHALLOW PATTERN
(m)	MEDIUM PATTERN
(d)	DEEP PATTERN
(b)	POLY VINYL BUTRAL INTERLAYER
(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
(c1)	CPSC CAT 1 ONLY
(IN)	INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing this certification period due to inactive production)

*Certified Products-By Product Type*

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<b><u>Tempered Transparent Glass</u></b>						
<i>1/8 Inch Tempered Transparent Glass</i>						
Addis Glass	Hamilton, OH	4139	COMPOSITE	200	U	A
AGC Flat Glass North America	Fall River, MA	1518	COMPOSITE	400	U	A
AGC Flat Glass North America	Marietta, GA	1405	COMPOSITE	285	U	A
AGC Flat Glass North America	Greenland, TN	598	COMPOSITE	285	U	A
AGC Flat Glass North America	Knoxville, TN	4209	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	2899	COMPOSITE	550	U	A
AGC Flat Glass North America	Spring Hill, KS	1702	COMPOSITE	500	U	A
AGC Flat Glass North America	Richmond, VA	2521	COMPOSITE	100	U	A
AGC Flat Glass North America	Quakertown, PA	2507	COMPOSITE	100	U	A
AGC Flat Glass North America	Jacksonville, FL	3006	COMPOSITE	285	U	A
AGC Flat Glass North America	Hebron, OH	3663	COMPOSITE	200	U	A
AGC Flat Glass North America	San Antonio, TX	3645	COMPOSITE	550	U	A
AGC Flat Glass North America	Salt Lake City, UT	4265	COMPOSITE	250	U	A
AGC Flat Glass North America	Alvarado, TX	3677	COMPOSITE	175	U	A
AGP, LLC	Miramar, FL	4715	COMPOSITE	285	U	A
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE	750	U	A
Anlin Industries	Clovis, CA	3360	COMPOSITE	125	U	A
Anthony International	San Fernando, CA	520	ANSI ONLY	250	U	A
Anthony International	Madison, GA	3249	COMPOSITE	400	U	A
Architectural Glass Products, LLC	St. Louis, MO	4571	COMPOSITE	100	U	A
Arlene Stained Glass & Door	Houston, TX	4589	COMPOSITE	550	U	A
Cardinal CG	Spring Green, WI	2067	COMPOSITE	500	U	A
Cardinal CG	Buford, GA	1921	COMPOSITE	185	U	A
Cardinal CG	Northfield, MN	1985	COMPOSITE	150	U	A
Cardinal CG	Moreno Valley, CA	2293	CPSC ONLY	250	U	
Cardinal CG	Loveland, CO	3579	COMPOSITE	900	U	A
Cardinal CG	Casa Grande, AZ	2878	COMPOSITE	250	U	A
Cardinal CG	Galt, CA	2357	COMPOSITE	125	U	A
Cardinal CG	Tumwater, WA	2007	CPSC ONLY	195	U	
Cardinal CG	Waxahachie, TX	2699	COMPOSITE	550	U	A
Cardinal FG	Durant, OK	2909	COMPOSITE	900	U	A
Cardinal IG	Spring Green, WI	1831	COMPOSITE	500	U	A
Cardinal IG	Waxahachie, TX	2328	COMPOSITE	900	U	A
Cardinal IG	Fargo, ND	2235	COMPOSITE	150	U	A
Cardinal IG	Hood River, OR	2831	COMPOSITE	750	U	A
Cardinal IG	Vinton, VA	2919	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2317	COMPOSITE	600	U	A
Cardinal IG	Fremont, IN	2176	COMPOSITE	150	U	A
Cardinal IG	Greenfield, IA	1827	COMPOSITE	500	U	A
Cardinal IG	Mountain Top, PA	3068	COMPOSITE	100	U	A
Cardinal LG	Ocala, FL	3505	COMPOSITE	285	U	A
Cardinal Solar Technologies	Mazomanie, WI	4780	COMPOSITE	150	U	A
Cardinal TG	Tomah, WI	1804	COMPOSITE	600	U	A
Cardinal TG	Chehalis, WA	3455	COMPOSITE	750	U	A
Catalina Tempering	Mount Airy, NC	4578	COMPOSITE	185	U	A
Catalina Tempering	Easton, PA	4756	COMPOSITE	100	U	A
Catalina Tempering Ohio	Utica, Ohio	4620	COMPOSITE	100	U	A
Changshu Hard Glass Co., Ltd.	Jiangsu, China	2904	COMPOSITE	125	U	A
Changshu Lier Building Materials Co. Ltd.	Changshu City Jiangsu China	4260	COMPOSITE	550	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu Province, China	4657	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>
<i>1/8 Inch Tempered Transparent Glass</i>						
Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	2432	COMPOSITE	750	U	A
Cleer Vision Tempered Glass	Elkhart, IN	4546	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4328	COMPOSITE	285	U	A
Commercial Insulating Glass Co.	Cumberland City, TN	3806	COMPOSITE	200	U	A
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285	30x76	A
Consolidated Glass Corp.	New Castle, PA	1998	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	1680	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3464	COMPOSITE	250	U	A
Coral Industries	Tuscaloosa, AL	3420	COMPOSITE	550	U	A
Cuda Glass & Metals	Wixom, MI	4198	COMPOSITE	150	U	A
Dalian Huaying Glass Products Co., Ltd.	Dalian,Liao Ning, China	3856	COMPOSITE	900	U	A
Dallas Flat Glass Distributors, Inc.	Carrollton, TX	4790	COMPOSITE	175	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, China	4055	COMPOSITE	750	U	A
Efco Corp.	Monett, MO	4121	COMPOSITE	175	U	A
Engineered Glass Products, L.L.C.	Chicago, IL	4388	COMPOSITE	200	L	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3822	COMPOSITE	285	U	A
General Glass	Portland, OR	4031	COMPOSITE	750	U	A
Glass Dynamics, Inc.	Stoneville, NC	2728	COMPOSITE	285	U	A
Glasser SA de CV	Estado de Mexico, Mexico	4541	COMPOSITE	550	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	COMPOSITE	285	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2444	COMPOSITE	750	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2801	COMPOSITE	400	U	A
Guardian Industries Corp.	Carleton, MI	933	COMPOSITE	200	U	A
Guardian Industries Corp.	Galax, VA	4604	COMPOSITE	285	U	A
Guardian Industries Corp.	Richburg, SC	1630	COMPOSITE	285	U	A
Guardian Industries Corp.	DeWitt, IA	2020	COMPOSITE	500	U	A
Guardian Industries Corp.	Kingsburg, CA	968	COMPOSITE	125	U	A
Guardian Industries Corp.	Corsicana, TX	1248	COMPOSITE	550	U	A
Guardian Industries Corp.	Geneva, NY	2259	COMPOSITE	400	U	A
Guardian Millbury Corp.	Millbury, OH	2616	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	300	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3859	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	4473	COMPOSITE	150	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2572	COMPOSITE	200	U	A
Intigral	Walton Hills, OH	2050	COMPOSITE	200	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3957	COMPOSITE	125	U	A
Kohler Company	Union City, TN	1979	COMPOSITE	550	U	A
Maryland Glass & Mirror	Baltimore, MD	4318	COMPOSITE	100	U	A
MLC Windows & Glass	Shelby Township, MI	3852	COMPOSITE	200	U	A
Multiver	Vanier, QC Canada	2498	COMPOSITE	400	U	A
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMPOSITE	285	U	A
New Angle Beveling	Hyde, PA	4593	COMPOSITE	100	U	A
Northwest Glass	Billings, MT	3649	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3310	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3191	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3329	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	1996	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3156	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3144	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>
<i>1/8 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope™	Indianapolis, IN	2210	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3180	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3250	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3116	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1546	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	1608	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3496	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3219	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3128	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3276	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3104	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3137	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3263	COMPOSITE (IN)	750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3439	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3095	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3167	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3286	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3233	COMPOSITE	100	U	A
Patio Enclosures	Macedonia, OH	2056	COMPOSITE	200	U	A
Perficom, S.A. de C.V.	San Juan Del Rio Queretaro Mexico	4512	COMPOSITE	175	U	A
PFG Industries	Langley, BC Canada	3538	COMPOSITE	750	U	A
PGT Industries	Nokomis, FL	2389	COMPOSITE	285	U	A
PPG Inds., Inc.	Burlington, IA	1605	COMPOSITE	500	U	A
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	550	U	A
PPG Inds., Inc.	Carlisle, PA	250	COMPOSITE	400	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2034	COMPOSITE	100	U	A
Qinhuangdao Detai Tempered Glass Co., Ltd.	Qinhuangdao City, Hebei China	4156	COMPOSITE	100	U	A
Qinhuangdao High-Tech Energy- Saving Dorwin Co Ltd	Qinhuangdao City, China	4635	COMPOSITE	100	U	A
Qinhuangdao Jixiang Glass Industry	Qinhuangdao, Hebei, China	2974	COMPOSITE	750	U	A
Qinhuangdao Kunping Safety Glass Co. Ltd.	Qinhuangdao City, China	3730	COMPOSITE	100	U	A
QinHuangDao Tianrui Tempered Technology Glass Co.	Qinhuangdao, China	3690	COMPOSITE	100	U	A
Quaker Window Products, Inc.	Freeburg, MO	2985	COMPOSITE	150	U	A
RF Supply, Inc.	Bradenton, FL	4222	COMPOSITE	185	U	A
Saint-Gobain SOVIS	Thierry, France	2769	COMPOSITE	400	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1334	COMPOSITE	285	U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3067	COMPOSITE	100	U	A
Shaw Glass Co.	S. Easton, MA	3001	COMPOSITE	100	U	A
SIGCO, Inc.	Portland, ME	2961	COMPOSITE	100	U	A
Simonton Windows	Ellenboro, WV	2887	COMPOSITE	100	U	A
Soladigm	Olive Branch, MS	4725	COMPOSITE	175	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3978	COMPOSITE	400	U	A
Spec-Temp, Inc.	Antwerp, OH	2684	COMPOSITE	500	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE	400	U	A
Syracuse Glass Company	Syracuse, NY	2654	COMPOSITE	400	U	A
Tai Shan City Da Heng Art Glass Ltd.	Guang Dong, China	3787	COMPOSITE	750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMPOSITE	285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMPOSITE	285	U	A
Thermo BSL	Riv du Loup, QE Canada	4290	COMPOSITE	400	U	A

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<i>1/8 Inch Tempered Transparent Glass</i>						
Thermoseal Industries, LLC	Gloucester City, NJ	4468	COMPOSITE	100	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	2889	COMPOSITE	250	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	2488	COMPOSITE	100	U	A
Triple Seal Ltd.	Toronto, ON Canada	2481	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4004	COMPOSITE	175	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1784	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	2959	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	2787	COMPOSITE	500	U	A
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4749	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4210	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4182	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	2217	COMPOSITE	900	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	4596	COMPOSITE	550	U	A
Trulite Glass & Aluminum Solutions	Columbus, OH	4745	COMPOSITE	285	U	A
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE	100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3948	COMPOSITE	185	U	A
Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	3984	COMPOSITE	550	U	A
Vidrios Marte SA de CV	Azcapotzalco Mexico City, Mexico	4041	COMPOSITE	900	U	A
Viwinco, Inc.	Morgantown, PA	3074	COMPOSITE	100	U	A
W.A. Wilson	Wheeling, WV	4169	COMPOSITE	200	U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang JiangSu, China	4093	COMPOSITE	250	U	A
<i>5/32 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1703	COMPOSITE	500	U	A
AGC Flat Glass North America	Greenland, TN	955	COMPOSITE	285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4478	COMPOSITE	250	U	A
AGC Flat Glass North America	Fall River, MA	3553	COMPOSITE	400	U	A
AGC Flat Glass North America	Hebron, OH	3091	COMPOSITE	200	U	A
AGC Flat Glass North America	Quakertown, PA	3421	COMPOSITE	100	U	A
AGC Flat Glass North America	Marietta, GA	1967	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	3705	COMPOSITE	550	U	A
AGC Flat Glass North America	Richmond, VA	2480	COMPOSITE	100	U	A
AGC Flat Glass North America	San Antonio, TX	3646	COMPOSITE	550	U	A
AGC Flat Glass North America	Jacksonville, FL	3786	COMPOSITE	285	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	100	U	A
Amsco Windows	Salt Lake City, UT	4643	COMPOSITE	750	U	A
Anthony International	San Fernando, CA	2289	ANSI ONLY	250	U	A
Anthony International	Madison, GA	3027	COMPOSITE	400	U	A
Cardinal CG	Casa Grande, AZ	2879	COMPOSITE	250	U	A
Cardinal CG	Galt, CA	2358	COMPOSITE	125	U	A
Cardinal CG	Loveland, CO	3580	COMPOSITE	900	U	A
Cardinal CG	Waxahachie, TX	2700	COMPOSITE	550	U	A
Cardinal CG	Moreno Valley, CA	2294	CPSC ONLY	250	U	
Cardinal CG	Spring Green, WI	2068	COMPOSITE	500	U	A
Cardinal CG	Buford, GA	1922	COMPOSITE	185	U	A
Cardinal CG	Tumwater, WA	2008	CPSC ONLY	195	U	
Cardinal CG	Northfield, MN	1986	COMPOSITE	150	U	A
Cardinal FG	Durant, OK	2910	COMPOSITE	900	U	A
Cardinal IG	Greenfield, IA	1828	CPSC ONLY	500	U	
Cardinal IG	Waxahachie, TX	2329	COMPOSITE	900	U	A



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<i>5/32 Inch Tempered Transparent Glass</i>						
Cardinal IG	Hood River, OR	2858	COMPOSITE	750	U	A
Cardinal IG	Fremont, IN	2177	COMPOSITE	150	U	A
Cardinal IG	Tomah, WI	2318	COMPOSITE	600	U	A
Cardinal IG	Mountain Top, PA	3069	COMPOSITE	100	U	A
Cardinal IG	Fargo, ND	2234	COMPOSITE	150	U	A
Cardinal IG	Vinton, VA	2920	COMPOSITE	100	U	A
Cardinal IG	Spring Green, WI	1832	COMPOSITE	500	U	A
Cardinal LG	Ocala, FL	3506	COMPOSITE	285	U	A
Cardinal Solar Technologies	Mazomanie, WI	4781	COMPOSITE	150	U	A
Cardinal Tempering	Louisville, KY	3871	COMPOSITE	900	U	A
Cardinal TG	Chehalis, WA	3456	COMPOSITE	750	U	A
Cardinal TG	Tomah, WI	1805	COMPOSITE	600	U	A
Catalina Tempering	Easton, PA	4757	COMPOSITE	100	U	A
Catalina Tempering	Mount Airy, NC	4579	COMPOSITE	185	U	A
Catalina Tempering Ohio	Utica, Ohio	4621	COMPOSITE	100	U	A
Changshu Hard Glass Co., Ltd.	Jiangsu, China	2987	COMPOSITE	125	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3086	COMPOSITE	200	U	A
Cleer Vision Tempered Glass	Elkhart, IN	4547	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4329	COMPOSITE	285	U	A
Consolidated Glass Corp.	New Castle, PA	1999	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4285	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3465	COMPOSITE	250	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, China	4056	COMPOSITE	750	U	A
Diamond Sea Glaze	Langley, BC Canada	4499	COMPOSITE	750	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3932	COMPOSITE	125	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 Jinyaochang Tempered Glass Company Limited	Zhangcha Town, Foshan Guangdong	4737	COMPOSITE	285	U	A
General Glass	Portland, OR	4032	COMPOSITE	750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2928	COMPOSITE	100	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2445	COMPOSITE	750	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2802	COMPOSITE	400	U	A
Guardian Industries Corp.	Corsicana, TX	1249	COMPOSITE	550	U	A
Guardian Industries Corp.	Richburg, SC	1631	COMPOSITE	285	U	A
Guardian Industries Corp.	DeWitt, IA	2021	COMPOSITE	500	U	A
Guardian Industries Corp.	Galax, VA	4605	COMPOSITE	285	U	A
Guardian Industries Corp.	Geneva, NY	2260	COMPOSITE	400	U	A
Guardian Industries Corp.	Carleton, MI	934	COMPOSITE	200	U	A
Guardian Industries Corp.	Kingsburg, CA	969	COMPOSITE	125	U	A
Guardian Millbury Corp.	Millbury, OH	1575	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	1607	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3860	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	4474	COMPOSITE	150	U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4682	COMPOSITE	100	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2573	COMPOSITE	200	U	A
Intigral	Walton Hills, OH	2051	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4303	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3958	COMPOSITE	125	U	A
Kohler Company	Union City, TN	1980	COMPOSITE	550	U	A

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<i>5/32 Inch Tempered Transparent Glass</i>						
MLC Windows & Glass	Shelby Township, MI	3853	COMPOSITE	200	U	A
Multiver	Vanier, QC Canada	2629	COMPOSITE	400	U	A
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMPOSITE	285	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2691	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	1609	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	4247	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3181	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3311	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3168	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3264	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3105	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3251	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3234	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3330	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3192	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3287	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3157	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3145	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2216	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3096	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3138	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3129	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3220	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3440	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3462	COMPOSITE	100	U	A
Patio Enclosures	Macedonia, OH	2057	COMPOSITE	200	U	A
PPG Industries	Langley, BC Canada	3539	COMPOSITE	750	U	A
PPG Inds., Inc.	Burlington, IA	1606	COMPOSITE	500	U	A
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE	550	U	A
PPG Inds., Inc.	Carlisle, PA	675	COMPOSITE	400	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2035	COMPOSITE	100	U	A
PT Abebersa Pratama	Bekasi, Indonesia	3905	COMPOSITE	125	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1332	COMPOSITE	285	U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3659	COMPOSITE	100	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4067	COMPOSITE	125	U	A
Shenzhen Jiayeda Glass Processing Co., LTD	Shenzhen City, Guangdong, China	4439	COMPOSITE	285	U	A
SIGCO, Inc.	Portland, ME	2962	COMPOSITE	100	U	A
Soladigm	Olive Branch, MS	4726	COMPOSITE	175	U	A
Southwest Glass Products Inc.	London, Ontario Canada	4278	COMPOSITE	400	U	A
Spec-Temp, Inc.	Antwerp, OH	2685	COMPOSITE	500	U	A
Tai Shan City Da Heng Art Glass Ltd.	Guang Dong, China	3788	COMPOSITE	750	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3886	COMPOSITE	750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMPOSITE	285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMPOSITE	285	U	A
Thermo BSL	Riv du Loup, QE Canada	4291	COMPOSITE	400	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4021	COMPOSITE	100	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	4035	COMPOSITE	250	U	A
Triple Seal Ltd.	Toronto, ON Canada	2482	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4005	COMPOSITE	175	U	A

***Certified Products-By Product Type***

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<i>5/32 Inch Tempered Transparent Glass</i>						
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4752	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4211	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4183	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	2695	COMPOSITE	900	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4197	COMPOSITE	185	U	A
Vetzeria Valentini S.R.L.	Brescia, Italy	2423	ANSI ONLY	400	U	A
Viracon, Inc.	Owatonna, MN	4354	COMPOSITE	150	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3736	COMPOSITE	285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China	4690	COMPOSITE	125	U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang JiangSu, China	4602	COMPOSITE	250	U	A
<i>3/16 Inch Tempered Transparent Glass</i>						
Addis Glass	Hamilton, OH	4724	COMPOSITE	200	U	A
AGC Flat Glass North America	Spring Hill, KS	1704	COMPOSITE	500	U	A
AGC Flat Glass North America	Jacksonville, FL	3007	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	2900	COMPOSITE	550	U	A
AGC Flat Glass North America	Knoxville, TN	4152	COMPOSITE	285	U	A
AGC Flat Glass North America	Greenland, TN	220	COMPOSITE	285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4266	COMPOSITE	250	U	A
AGC Flat Glass North America	Alvarado, TX	3814	COMPOSITE	175	U	A
AGC Flat Glass North America	San Antonio, TX	3839	COMPOSITE	550	U	A
AGC Flat Glass North America	Hebron, OH	2197	COMPOSITE	200	U	A
AGC Flat Glass North America	Quakertown, PA	2509	COMPOSITE	100	U	A
AGC Flat Glass North America	Marietta, GA	1230	COMPOSITE	285	U	A
AGC Flat Glass North America	Richmond, VA	2522	COMPOSITE	100	U	A
AGC Flat Glass North America	Fall River, MA	3648	COMPOSITE	400	U	A
AGP, LLC	Miramar, FL	4716	COMPOSITE	285	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE	100	U	A
American Shower Door	Los Angeles, CA	4616	COMPOSITE	250	U	A
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE	750	U	A
Anlin Industries	Clovis, CA	3079	COMPOSITE	125	U	A
Anthony International	Madison, GA	2352	COMPOSITE	400	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	550	U	A
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE	500	U	A
Cardinal CG	Moreno Valley, CA	2295	CPSC ONLY	250	U	
Cardinal CG	Spring Green, WI	2069	COMPOSITE	500	U	A
Cardinal CG	Loveland, CO	3581	COMPOSITE	900	U	A
Cardinal CG	Buford, GA	1923	COMPOSITE	185	U	A
Cardinal CG	Tumwater, WA	2009	CPSC ONLY	195	U	
Cardinal CG	Casa Grande, AZ	2880	COMPOSITE	250	U	A
Cardinal CG	Waxahachie, TX	2701	COMPOSITE	550	U	A
Cardinal CG	Northfield, MN	1987	COMPOSITE	150	U	A
Cardinal CG	Galt, CA	2359	COMPOSITE	125	U	A
Cardinal FG	Durant, OK	2911	COMPOSITE	900	U	A
Cardinal IG	Spring Green, WI	1833	COMPOSITE	500	U	A
Cardinal IG	Waxahachie, TX	2330	COMPOSITE	900	U	A
Cardinal IG	Tomah, WI	2319	COMPOSITE	600	U	A
Cardinal IG	Greenfield, IA	1829	CPSC ONLY	500	U	
Cardinal IG	Fremont, IN	2178	COMPOSITE	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>3/16 Inch Tempered Transparent Glass</i>						
Cardinal IG	Mountain Top, PA	3070	COMPOSITE	100	U	A
Cardinal IG	Fargo, ND	2233	COMPOSITE	150	U	A
Cardinal IG	Vinton, VA	2921	COMPOSITE	100	U	A
Cardinal IG	Hood River, OR	2833	COMPOSITE	750	U	A
Cardinal LG	Ocala, FL	3507	COMPOSITE	285	U	A
Cardinal Solar Technologies	Mazomanie, WI	4782	COMPOSITE	150	U	A
Cardinal Tempering	Louisville, KY	3872	COMPOSITE	900	U	A
Cardinal TG	Tomah, WI	1806	COMPOSITE	600	U	A
Cardinal TG	Chehalis, WA	3458	COMPOSITE	750	U	A
Catalina Tempering	Easton, PA	4758	COMPOSITE	100	U	A
Catalina Tempering	Mount Airy, NC	4580	COMPOSITE	185	U	A
Catalina Tempering Ohio	Utica, Ohio	4622	COMPOSITE	100	U	A
Changshu Hard Glass Co., Ltd.	Jiangsu, China	2988	COMPOSITE	125	U	A
Changshu Lier Building Materials Co. Ltd.	Changshu City Jiangsu China	4261	COMPOSITE	550	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3087	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4330	COMPOSITE	285	U	A
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE	285	30x76	A
Commercial Insulating Glass Co.	Cumberland City, TN	3807	COMPOSITE	200	U	A
Consolidated Glass Corp.	New Castle, PA	2005	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	1678	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3466	COMPOSITE	250	U	A
Coral Industries	Tuscaloosa, AL	1910	COMPOSITE	550	U	A
Cuda Glass & Metals	Wixom, MI	4199	COMPOSITE	150	U	A
Dallas Flat Glass Distributors, Inc.	Carrollton, TX	4763	COMPOSITE	175	U	A
Denver Glass Interiors, Inc.	Englewood, CO	3865	COMPOSITE	175	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, China	4057	COMPOSITE	750	U	A
Diamond Sea Glaze	Langley, BC Canada	4500	COMPOSITE	750	U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3912	COMPOSITE	900	U	A
Dong Sung Glass Korea, Co., Ltd.	Inchon, Korea	2709	COMPOSITE	250	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3933	COMPOSITE	125	U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE	285	U	A
Efco Corp.	Monett, MO	1901	COMPOSITE	175	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, Inc.	Jacksonville, FL	3823	COMPOSITE	285	U	A
Foshan Jinyaochang Tempered Glass Company Limited	Zhangcha Town, Foshan Guangdong	4738	COMPOSITE	285	U	A
General Glass	Portland, OR	4033	COMPOSITE	750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE	100	U	A
Glass Dynamics, Inc.	Stoneville, NC	2730	COMPOSITE	285	U	A
Glass Enterprises, Inc.	Bensalem, PA	4628	COMPOSITE	100	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	COMPOSITE	285	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2446	COMPOSITE	750	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2803	COMPOSITE	400	U	A
Guardian Industries Corp.	Kingsburg, CA	970	COMPOSITE	125	U	A
Guardian Industries Corp.	Corsicana, TX	1250	COMPOSITE	550	U	A
Guardian Industries Corp.	Galax, VA	4606	COMPOSITE	285	U	A
Guardian Industries Corp.	Geneva, NY	2261	COMPOSITE	400	U	A

*Certified Products-By Product Type*

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<i>3/16 Inch Tempered Transparent Glass</i>						
Guardian Industries Corp.	Richburg, SC	1632	COMPOSITE	285	U	A
Guardian Industries Corp.	DeWitt, IA	2022	COMPOSITE	500	U	A
Guardian Industries Corp.	Carleton, MI	631	COMPOSITE	200	U	A
Guardian Millbury Corp.	Millbury, OH	1576	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	1216	COMPOSITE	100	U	A
Industrial Tempering Glass	Brooklyn, NY	3386	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3861	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	3714	COMPOSITE	150	U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4683	COMPOSITE	100	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2574	COMPOSITE	200	U	A
Intigral	Walton Hills, OH	2052	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4304	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3959	COMPOSITE	125	U	A
Kohler Company	Union City, TN	1981	COMPOSITE	550	U	A
Maryland Glass & Mirror	Baltimore, MD	4319	COMPOSITE	100	U	A
MLC Windows & Glass	Shelby Township, MI	3854	COMPOSITE	200	U	A
Multiver	Vanier, QC Canada	4524	COMPOSITE	400	U	A
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMPOSITE	285	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2692	COMPOSITE	285	U	A
New Angle Beveling	Hyde, PA	4594	COMPOSITE	100	U	A
Northwest Glass	Billings, MT	3650	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3312	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3130	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3146	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3118	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3265	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1547	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3288	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	630	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3106	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3139	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3277	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	1997	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3097	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3497	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3193	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3252	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3221	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3182	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3593	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2211	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3441	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3158	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3169	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3235	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3331	COMPOSITE	100	U	A
Patio Enclosures	Macedonia, OH	2058	COMPOSITE	200	U	A
PFG Industries	Langley, BC Canada	3540	COMPOSITE	750	U	A
PGT Industries	Nokomis, FL	2390	COMPOSITE	285	U	A
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE	550	U	A
PPG Inds., Inc.	Carlisle, PA	249	COMPOSITE	400	U	A

*Certified Products-By Product Type*

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<i>3/16 Inch Tempered Transparent Glass</i>						
PPG Inds., Inc.	Burlington, IA	1603	COMPOSITE	500	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2713	COMPOSITE	100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4639	COMPOSITE	550	U	A
PT Abebersa Pratama	Bekasi, Indonesia	3906	COMPOSITE	125	U	A
Quaker Window Products, Inc.	Freeburg, MO	2986	COMPOSITE	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
RF Supply, Inc.	Bradenton, FL	4224	COMPOSITE	185	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1201	COMPOSITE	285	U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3636	COMPOSITE	100	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4068	COMPOSITE	125	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4075	COMPOSITE	125	U	A
Shaw Glass Co.	S. Easton, MA	1871	COMPOSITE	100	U	A
SIGCO, Inc.	Portland, ME	2963	COMPOSITE	100	U	A
Simonton Windows	Ellenboro, WV	2888	COMPOSITE	100	U	A
Soladigm	Olive Branch, MS	4727	COMPOSITE	175	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3979	COMPOSITE	400	U	A
Spec-Temp, Inc.	Antwerp, OH	2686	COMPOSITE	500	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE	400	U	A
Syracuse Glass Company	Syracuse, NY	2957	COMPOSITE	400	U	A
Tai Shan City Da Heng Art Glass Ltd.	Guang Dong, China	3789	COMPOSITE	750	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3887	COMPOSITE	750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMPOSITE	285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMPOSITE	285	U	A
Thermo BSL	Riv du Loup, QE Canada	4292	COMPOSITE	400	U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4470	COMPOSITE	100	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4022	COMPOSITE	100	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	2890	COMPOSITE	250	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	2489	COMPOSITE	100	U	A
Triple Seal Ltd.	Toronto, ON Canada	3023	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4006	COMPOSITE	175	U	A
Troy Systems LLC	Manassas, VA	4286	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4184	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3925	COMPOSITE	550	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	2218	COMPOSITE	900	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	2788	COMPOSITE	500	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	862	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Columbus, OH	4746	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1785	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4212	COMPOSITE	250	U	A
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE	100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3949	COMPOSITE	185	U	A
Viracon, Inc.	St. George, UT	4036	COMPOSITE	125	U	A
Viracon, Inc.	Owatonna, MN	1403	COMPOSITE	150	U	A
Viracon, Inc.	Statesboro, GA	2314	COMPOSITE	100	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

***Certified Products-By Product Type***

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<i>3/16 Inch Tempered Transparent Glass</i>						
W.A. Wilson	Wheeling, WV	4170	COMPOSITE	200	U	A
Wholesale Glass Dist.	Memphis, TN	4379	COMPOSITE	150	U	A
WSD Glass, Inc.	Winston-Salem, NC	4048	COMPOSITE	100	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3085	COMPOSITE	125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3737	COMPOSITE	285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China	4691	COMPOSITE	125	U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang JiangSu, China	4094	COMPOSITE	250	U	A
<i>1/4 Inch Tempered Transparent Glass</i>						
A Plus Glass Services	Medley, FL	4771	COMPOSITE	285	U	A
Addis Glass	Hamilton, OH	3810	COMPOSITE	200	U	A
AGC Flat Glass North America	Knoxville, TN	4153	COMPOSITE	285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4267	COMPOSITE	250	U	A
AGC Flat Glass North America	Quakertown, PA	2666	COMPOSITE	100	U	A
AGC Flat Glass North America	Spring Hill, KS	1705	COMPOSITE	500	U	A
AGC Flat Glass North America	Jacksonville, FL	3008	COMPOSITE	285	U	A
AGC Flat Glass North America	Hebron, OH	2198	COMPOSITE	200	U	A
AGC Flat Glass North America	Richmond, VA	1957	COMPOSITE	100	U	A
AGC Flat Glass North America	Marietta, GA	1231	COMPOSITE	285	U	A
AGC Flat Glass North America	Alvarado, TX	1710	COMPOSITE	175	U	A
AGC Flat Glass North America	Opelousas, LA	2901	COMPOSITE	550	U	A
AGC Flat Glass North America	Fall River, MA	1520	COMPOSITE	400	U	A
AGC Flat Glass North America	San Antonio, TX	3326	COMPOSITE	550	U	A
AGC Flat Glass North America	Greenland, TN	89	COMPOSITE	285	U	A
AGP, LLC	Miramar, FL	4717	COMPOSITE	285	U	A
Al Abbar Architectural Glass	Dubai UAE	3556	COMPOSITE	100	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1756	COMPOSITE	100	U	A
Alyusuf Thermo Glass W.L.L.	Manama, Bahrain	4495	COMPOSITE	285	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	400	U	A
Architectural Glass Products, LLC	St. Louis, MO	4573	COMPOSITE	100	U	A
Arlene Stained Glass & Door	Houston, TX	3584	COMPOSITE	550	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3567	COMPOSITE	285	U	A
Beijing Northglass Safety Glass Co. Ltd.	Beijing, China	4680	COMPOSITE	175	U	A
Berkowitz, J.E.	Pedricktown, NJ	1990	COMPOSITE	100	U	A
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE	500	U	A
Cardinal CG	Galt, CA	2360	COMPOSITE	125	U	A
Cardinal CG	Spring Green, WI	2070	COMPOSITE	500	U	A
Cardinal CG	Buford, GA	1924	COMPOSITE	185	U	A
Cardinal CG	Waxahachie, TX	2702	COMPOSITE	550	U	A
Cardinal CG	Casa Grande, AZ	2881	COMPOSITE	250	U	A
Cardinal CG	Tumwater, WA	2010	CPSC ONLY	195	U	
Cardinal CG	Loveland, CO	3555	COMPOSITE	900	U	A
Cardinal CG	Moreno Valley, CA	2296	CPSC ONLY	250	U	
Cardinal CG	Northfield, MN	1988	COMPOSITE	150	U	A
Cardinal FG	Durant, OK	2912	COMPOSITE	900	U	A
Cardinal IG	Fremont, IN	2179	COMPOSITE	150	U	A
Cardinal IG	Hood River, OR	2834	COMPOSITE	750	U	A
Cardinal IG	Waxahachie, TX	2331	COMPOSITE	900	U	A

*Certified Products-By Product Type*

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<i>1/4 Inch Tempered Transparent Glass</i>						
Cardinal IG	Fargo, ND	2232	COMPOSITE	150	U	A
Cardinal IG	Greenfield, IA	1830	CPSC ONLY	500	U	
Cardinal IG	Spring Green, WI	1834	COMPOSITE	500	U	A
Cardinal IG	Mountain Top, PA	3071	COMPOSITE	100	U	A
Cardinal IG	Vinton, VA	2922	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2320	COMPOSITE	600	U	A
Cardinal LG	Ocala, FL	3508	COMPOSITE	285	U	A
Cardinal Solar Technologies	Mazomanie, WI	4783	COMPOSITE	150	U	A
Cardinal Tempering	Louisville, KY	3873	COMPOSITE	900	U	A
Cardinal TG	Tomah, WI	1807	COMPOSITE	600	U	A
Cardinal TG	Chehalis, WA	3459	COMPOSITE	750	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, China	4235	COMPOSITE	195	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3088	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4331	COMPOSITE	285	U	A
Commercial Insulating Glass Co.	Cumberland City, TN	3808	COMPOSITE	200	U	A
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE	285	30x76	A
Consolidated Glass Corp.	New Castle, PA	2002	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	1677	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3467	COMPOSITE	250	U	A
Coral Industries	Tuscaloosa, AL	1911	COMPOSITE	550	U	A
Cuda Glass & Metals	Wixom, MI	4200	COMPOSITE	150	U	A
Custom Glass Designs	Columbus, OH	4697	COMPOSITE	200	U	A
Custom Glass Products, Inc.	Weston, WI	4002	COMPOSITE	150	U	A
D3 Glass, LLC	Fort Myers, FL	4795	COMPOSITE	285	U	A
Dallas Flat Glass Distributors, Inc.	Carrollton, TX	3701	COMPOSITE	175	U	A
Denver Glass Interiors, Inc.	Englewood, CO	3866	COMPOSITE	175	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, 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	900	U	A
Dlubak Corporation	Blairsville, PA	3017	COMPOSITE	100	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3934	COMPOSITE	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 Corp.	Monett, MO	1902	COMPOSITE	175	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, Inc.	Jacksonville, FL	3824	COMPOSITE	285	U	A
Foshan Jinyaochang Tempered Glass Company Limited	Zhangcha Town, Foshan Guangdong	4739	COMPOSITE	285	U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC Canada	4419	COMPOSITE	750	U	A
General Glass	Portland, OR	4034	COMPOSITE	750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE	100	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
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	COMPOSITE	285	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2447	COMPOSITE	750	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3941	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 Canada Corp.	Rexdale, ON Canada	2804	COMPOSITE	400	U	A
Guardian Industries Corp.	Kingsburg, CA	971	COMPOSITE	125	U	A
Guardian Industries Corp.	Carleton, MI	131	COMPOSITE	200	U	A
Guardian Industries Corp.	Geneva, NY	2262	COMPOSITE	400	U	A
Guardian Industries Corp.	Corsicana, TX	1251	COMPOSITE	550	U	A
Guardian Industries Corp.	Galax, VA	4607	COMPOSITE	285	U	A
Guardian Industries Corp.	DeWitt, IA	2023	COMPOSITE	500	U	A
Guardian Industries Corp.	Richburg, SC	1633	COMPOSITE	285	U	A
Guardian Millbury Corp.	Millbury, OH	1577	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	662	COMPOSITE	100	U	A
Hangzhou Zhongtian Glass Co. Ltd.	Hangzhou, China	4513	COMPOSITE	195	U	A
Industrial Tempering Glass	Brooklyn, NY	3387	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3862	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	3715	COMPOSITE	150	U	A
Insulpane Inc.	Hamden, CT	4523	COMPOSITE	400	U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4684	COMPOSITE	100	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2575	COMPOSITE	200	U	A
Intigral	Walton Hills, OH	2055	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4305	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3960	COMPOSITE	125	U	A
Kohler Company	Union City, TN	1982	COMPOSITE	550	U	A
M/M Tempering Inc.	Loganville, GA	4280	COMPOSITE	285	U	A
Maryland Glass & Mirror	Baltimore, MD	4320	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
MLC Windows & Glass	Shelby Township, MI	3855	COMPOSITE	200	U	A
Multiver	Vanier, QC Canada	2499	COMPOSITE	400	U	A
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMPOSITE	285	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2693	COMPOSITE	285	U	A
New Angle Beveling	Hyde, PA	4595	COMPOSITE	100	U	A
Northwest Glass	Billings, MT	3651	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3253	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3332	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1382	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3236	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1548	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3498	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3278	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3313	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3442	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3289	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3266	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2212	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3098	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3107	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3119	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3131	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3140	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3147	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3159	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>1/4 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope™	Los Angeles, CA	514	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3170	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3194	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3183	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2543	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3222	COMPOSITE	750	U	A
Patio Enclosures	Macedonia, OH	3015	COMPOSITE	200	U	A
PPG Industries	Langley, BC Canada	3541	COMPOSITE	750	U	A
PGT Industries	Nokomis, FL	2391	COMPOSITE	285	U	A
PPG Inds., Inc.	Wichita Falls, TX	1113	COMPOSITE	550	U	A
PPG Inds., Inc.	Burlington, IA	1604	COMPOSITE	500	U	A
PPG Inds., Inc.	Carlisle, PA	382	ANSI ONLY	400	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2015	COMPOSITE	100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4645	COMPOSITE	550	U	A
Quaker Window Products, Inc.	Freeburg, MO	3485	COMPOSITE	150	U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2982	COMPOSITE	500	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3746	COMPOSITE	285	U	A
Reem Emirates Glass	Abu Dhabi, UAE	4675	COMPOSITE	150	U	A
RF Supply, Inc.	Bradenton, FL	4225	COMPOSITE	185	U	A
Richwood Company, Inc.	Guangdong, China	4678	COMPOSITE	250	U	A
Saint-Gobain SOVIS	Thierry, France	2248	COMPOSITE	400	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1477	COMPOSITE	285	U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3637	COMPOSITE	100	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4069	COMPOSITE	125	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4076	COMPOSITE	125	U	A
Shaw Glass Co.	S. Easton, MA	1035	COMPOSITE	100	U	A
Shenzhen Jiayeda Glass Processing Co., LTD	Shenzhen City, Guangdong, China	4440	COMPOSITE	285	U	A
SIGCO, Inc.	Portland, ME	2964	COMPOSITE	100	U	A
Soladigm	Olive Branch, MS	4728	COMPOSITE	175	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3980	COMPOSITE	400	U	A
Spec-Temp, Inc.	Antwerp, OH	2687	COMPOSITE	500	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE	400	U	A
Syracuse Glass Company	Syracuse, NY	2656	COMPOSITE	400	U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4730	COMPOSITE	195	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3888	COMPOSITE	750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2975	COMPOSITE	285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMPOSITE	285	U	A
The Original Frameless Shower Door	Coral Springs, FL	4661	COMPOSITE	285	U	A
Thermo BSL	Riv du Loup, QE Canada	4293	COMPOSITE	400	U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4471	COMPOSITE	100	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4023	COMPOSITE	100	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	3094	COMPOSITE	250	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	2490	COMPOSITE	100	U	A
Triple Seal Ltd.	Toronto, ON Canada	2484	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4007	COMPOSITE	175	U	A
Troy Systems LLC	Manassas, VA	4061	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4185	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	2789	COMPOSITE	500	U	A

**Certified Products-By Product Type**

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<i>1/4 Inch Tempered Transparent Glass</i>						
Trulite Glass & Aluminum Solutions	Atlanta, GA	863	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	2219	COMPOSITE	900	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4213	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3926	COMPOSITE	550	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1786	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	Columbus, OH	4747	COMPOSITE	285	U	A
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE	100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3950	COMPOSITE	185	U	A
Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	3985	COMPOSITE	550	U	A
Vidrios Marte SA de CV	Azcapotzalco Mexico City, Mexico	4042	COMPOSITE	900	U	A
Viracon, Inc.	St. George, UT	4037	COMPOSITE	125	U	A
Viracon, Inc.	Owatonna, MN	1404	COMPOSITE	150	U	A
Viracon, Inc.	Statesboro, GA	2310	COMPOSITE	100	U	A
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE	100	U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4652	COMPOSITE	285	U	A
W.A. Wilson	Wheeling, WV	4171	COMPOSITE	200	U	A
White Aluminum Enterprises LLC	Abu Dhabi, UAE	4598	COMPOSITE	150	U	A
Wholesale Glass Dist.	Memphis, TN	4380	COMPOSITE	150	U	A
WSD Glass, Inc.	Winston-Salem, NC	4049	COMPOSITE	100	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3053	COMPOSITE	125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3738	COMPOSITE	285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China	4692	COMPOSITE	125	U	A
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang JiangSu, China	4095	COMPOSITE	250	U	A
<i>5/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	4046	COMPOSITE	285	U	A
Al Abbar Architectural Glass	Dubai UAE	3557	COMPOSITE	100	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	2790	COMPOSITE	100	U	A
Alyusuf Thermo Glass W.L.L.	Manama, Bahrain	4496	COMPOSITE	285	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3568	COMPOSITE	285	U	A
Cardinal CG	Northfield, MN	4775	COMPOSITE	150	U	A
Cardinal IG	Hood River, OR	4564	COMPOSITE	750	U	A
Consolidated Glass Corp.	New Castle, PA	3635	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4701	COMPOSITE	285	U	A
Diamond Sea Glaze	Langley, BC Canada	4502	COMPOSITE	750	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3935	COMPOSITE	125	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4132	ANSI ONLY	285	U	A
Eckelt Glas GmbH	Steyr, Austria	2851	COMPOSITE	100	U	A
Efco Corp.	Monett, MO	4154	COMPOSITE	175	U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4428	COMPOSITE	285	U	A
Foshan Jinyaochang Tempered Glass Company Limited	Zhangcha Town, Foshan Guangdong	4740	COMPOSITE	285	U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan City, Guangdong China	4802	COMPOSITE	285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	4248	COMPOSITE	100	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3942	COMPOSITE	125	U	A
Guardian Industries Corp.	Richburg, SC	2382	COMPOSITE	285	U	A
Guardian Industries Corp.	Geneva, NY	3672	COMPOSITE	400	U	A
Guardian Industries Corp.	DeWitt, IA	2024	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>
<i>5/16 Inch Tempered Transparent Glass</i>						
Guardian Industries Corp.	Galax, VA	4608	COMPOSITE	285	U	A
Guardian Industries Corp.	Corsicana, TX	1826	COMPOSITE	550	U	A
Hangzhou Zhongtian Glass Co. Ltd.	Hangzhou, China	4514	COMPOSITE	195	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	3025	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4306	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3961	COMPOSITE	125	U	A
Kohler Company	Union City, TN	4668	COMPOSITE	550	U	A
Mercer Glass Fab LLC	Trenton, NJ	4530	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3796	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3141	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	4443	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	4787	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4400	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3290	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3254	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3171	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	4180	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3267	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3594	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3223	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3443	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2884	COMPOSITE	100	U	A
PPG Industries	Langley, BC Canada	3542	COMPOSITE	750	U	A
PPG Inds., Inc.	Wichita Falls, TX	3577	COMPOSITE	550	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2751	COMPOSITE	100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4788	COMPOSITE	550	U	A
Reem Emirates Glass	Abu Dhabi, UAE	4676	COMPOSITE	150	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4070	COMPOSITE	125	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4077	COMPOSITE	125	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3889	COMPOSITE	750	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMPOSITE	285	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4024	COMPOSITE	100	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	2678	COMPOSITE	100	U	A
Triple Seal Ltd.	Toronto, ON Canada	4356	COMPOSITE	400	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	3495	COMPOSITE	100	U	A
Vidrios Marte SA de CV	Azcapotzalco Mexico City, Mexico	4762	COMPOSITE	900	U	A
Viracon, Inc.	Statesboro, GA	4720	COMPOSITE	100	U	A
Viracon, Inc.	St. George, UT	4038	COMPOSITE	125	30x60	A
Viracon, Inc.	Owatonna, MN	3689	COMPOSITE	150	U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4653	COMPOSITE	285	U	A
White Aluminum Enterprises LLC	Abu Dhabi, UAE	4597	COMPOSITE	150	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	4648	COMPOSITE	125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3739	COMPOSITE	285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China	4693	COMPOSITE	125	U	A
<i>3/8 Inch Tempered Transparent Glass</i>						
A Plus Glass Services	Medley, FL	4772	COMPOSITE	285	U	A
Addis Glass	Hamilton, OH	3811	COMPOSITE	200	U	A
AGC Flat Glass North America	San Antonio, TX	3327	COMPOSITE	550	U	A

*Certified Products-By Product Type*

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<i>3/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Alvarado, TX	1711	COMPOSITE	175	U	A
AGC Flat Glass North America	Jacksonville, FL	3009	COMPOSITE	285	U	A
AGC Flat Glass North America	Knoxville, TN	4158	COMPOSITE	285	U	A
AGC Flat Glass North America	Fall River, MA	1521	COMPOSITE	400	U	A
AGC Flat Glass North America	Greenland, TN	90	COMPOSITE	285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4268	COMPOSITE	250	U	A
AGC Flat Glass North America	Richmond, VA	1958	COMPOSITE	100	U	A
AGC Flat Glass North America	Hebron, OH	2199	COMPOSITE	200	U	A
AGC Flat Glass North America	Marietta, GA	1232	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	3706	COMPOSITE	550	U	A
AGP, LLC	Miramar, FL	4718	COMPOSITE	285	U	A
Al Abbar Architectural Glass	Dubai UAE	3558	COMPOSITE	100	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1757	COMPOSITE	100	U	A
Alyusuf Thermo Glass W.L.L.	Manama, Bahrain	4497	COMPOSITE	285	U	A
American Shower Door	Los Angeles, CA	3040	COMPOSITE	250	U	A
Anthony International	Madison, GA	2453	COMPOSITE	400	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3569	COMPOSITE	285	U	A
Berkowitz, J.E.	Pedricktown, NJ	2646	COMPOSITE	100	U	A
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMPOSITE	500	U	A
Cardinal CG	Northfield, MN	4137	COMPOSITE	150	U	A
Cardinal IG	Hood River, OR	4565	COMPOSITE	750	U	A
Cardinal LG	Ocala, FL	4316	COMPOSITE	285	U	A
Cardinal Tempering	Louisville, KY	3874	COMPOSITE	900	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3089	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4335	COMPOSITE	285	U	A
Consolidated Glass Corp.	New Castle, PA	2003	COMPOSITE	285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4702	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3469	COMPOSITE	250	U	A
Coral Industries	Tuscaloosa, AL	2144	COMPOSITE	550	U	A
Cuda Glass & Metals	Wixom, MI	4201	COMPOSITE	150	U	A
Custom Glass Designs	Columbus, OH	4698	COMPOSITE	200	U	A
D3 Glass, LLC	Fort Myers, FL	4792	COMPOSITE	285	U	A
Dallas Flat Glass Distributors, Inc.	Carrollton, TX	4566	COMPOSITE	175	U	A
Denver Glass Interiors, Inc.	Englewood, CO	3867	COMPOSITE	175	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, 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	900	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3936	COMPOSITE	125	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4125	ANSI ONLY	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
Fairis C.A.	Ambato, Tungurahua, Ecuador	4429	COMPOSITE	285	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3825	COMPOSITE	285	U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan City, Guangdong China	4803	COMPOSITE	285	U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC Canada	4420	COMPOSITE	750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE	100	U	A
Glass Design of Miami, Inc.	Miami, FL	3454	COMPOSITE	285	U	A
Glass Dynamics, Inc.	Stoneville, NC	2729	COMPOSITE	285	U	A
Glaz-Tech Industries	Englewood, CO	2188	COMPOSITE	250	U	A

***Certified Products-By Product Type***

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<i>3/8 Inch Tempered Transparent Glass</i>						
Glenny Glass Co.	Milford, OH	3845	COMPOSITE	200	U	A
Global Security Glazing	Selma, AL	4767	COMPOSITE	285	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2448	COMPOSITE	750	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3943	COMPOSITE	125	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2805	COMPOSITE	400	U	A
Guardian Industries Corp.	Geneva, NY	2519	COMPOSITE	400	U	A
Guardian Industries Corp.	DeWitt, IA	2545	COMPOSITE	500	U	A
Guardian Industries Corp.	Corsicana, TX	1253	COMPOSITE	550	U	A
Guardian Industries Corp.	Richburg, SC	1634	COMPOSITE	285	U	A
Guardian Industries Corp.	Galax, VA	4609	COMPOSITE	285	U	A
Guardian Webster, Inc.	Webster, MA	471	COMPOSITE	100	U	A
Hangzhou Zhongtian Glass Co. Ltd.	Hangzhou, China	4515	COMPOSITE	195	U	A
Hartung Glass Industries Tempered Industrial Tempering Glass	Wilsonville, OR	4686	COMPOSITE (IN)	750	U	A
Insulated Glass of America	Brooklyn, NY	3418	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Dallas, NC	3863	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	3716	COMPOSITE	150	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2576	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4307	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3962	COMPOSITE	125	U	A
Kohler Company	Union City, TN	2434	COMPOSITE	550	U	A
M/M Tempering Inc.	Loganville, GA	4281	COMPOSITE	285	U	A
Maryland Glass & Mirror	Baltimore, MD	4321	COMPOSITE	100	U	A
Mega Tempering	Brooklyn, NY	4300	COMPOSITE	100	U	A
Mercer Glass Fab LLC	Trenton, NJ	4255	COMPOSITE	100	U	A
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMPOSITE	285	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2694	COMPOSITE	285	U	A
New Angle Beveling	Hyde, PA	4591	COMPOSITE	100	U	A
Northwest Glass	Billings, MT	3652	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3160	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Alberville, MN	3108	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3148	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3291	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3444	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3172	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3132	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3314	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3184	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3120	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2213	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	515	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3142	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1383	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3255	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3224	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3279	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3268	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1549	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3499	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3333	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3237	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3099	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>3/8 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2544	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3195	COMPOSITE	125	U	A
PPG Industries	Langley, BC Canada	3543	COMPOSITE	750	U	A
PPG Inds., Inc.	Wichita Falls, TX	3578	COMPOSITE	550	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2381	COMPOSITE	100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4640	COMPOSITE	550	U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2983	COMPOSITE	500	U	A
Quality Glass and Mirror Service, Inc.	Omaha, NE	4776	COMPOSITE	500	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3747	COMPOSITE	285	U	A
Reem Emirates Glass	Abu Dhabi, UAE	4677	COMPOSITE	150	U	A
RF Supply, Inc.	Bradenton, FL	4226	COMPOSITE	185	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4071	COMPOSITE	125	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4078	COMPOSITE	125	U	A
Shaw Glass Co.	S. Easton, MA	1036	COMPOSITE	100	U	A
SIGCO, Inc.	Portland, ME	2965	COMPOSITE	100	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3981	COMPOSITE	400	U	A
Spec-Temp, Inc.	Antwerp, OH	2688	COMPOSITE	500	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1558	COMPOSITE	400	U	A
Syracuse Glass Company	Syracuse, NY	2958	COMPOSITE	400	U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4731	COMPOSITE	195	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3890	COMPOSITE	750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	3062	COMPOSITE	285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	1995	COMPOSITE	285	U	A
The Original Frameless Shower Door	Coral Springs, FL	4662	COMPOSITE	285	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4025	COMPOSITE	100	U	A
Triple Seal Ltd.	Toronto, ON Canada	4357	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4008	COMPOSITE	175	U	A
Troy Systems LLC	Manassas, VA	4062	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3927	COMPOSITE	550	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	4366	COMPOSITE	900	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	865	COMPOSITE	285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4214	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1787	COMPOSITE	100	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4186	COMPOSITE	250	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	2840	COMPOSITE	500	U	A
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4754	COMPOSITE	285	U	A
United Plate Glass Co., Inc.	Butler, PA	2470	COMPOSITE	100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3951	COMPOSITE	185	U	A
Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	3986	COMPOSITE	550	U	A
Viracon, Inc.	Owatonna, MN	1508	COMPOSITE	150	U	A
Viracon, Inc.	St. George, UT	4039	COMPOSITE	125	U	A
Viracon, Inc.	Statesboro, GA	2311	COMPOSITE	100	U	A
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE	100	U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4654	COMPOSITE	285	U	A
W.A. Wilson	Wheeling, WV	4172	COMPOSITE	200	U	A
Wholesale Glass Dist.	Memphis, TN	4381	COMPOSITE	150	U	A
WSD Glass, Inc.	Winston-Salem, NC	4052	COMPOSITE	100	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3054	COMPOSITE	125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3740	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>						
A Plus Glass Services	Medley, FL	4773	COMPOSITE	285	U	A
Addis Glass	Hamilton, OH	3812	COMPOSITE	200	U	A
AGC Flat Glass North America	Fall River, MA	1522	COMPOSITE	400	U	A
AGC Flat Glass North America	Alvarado, TX	1712	COMPOSITE	175	U	A
AGC Flat Glass North America	Marietta, GA	1406	COMPOSITE	285	U	A
AGC Flat Glass North America	Hebron, OH	2200	COMPOSITE	200	U	A
AGC Flat Glass North America	San Antonio, TX	4277	COMPOSITE	550	U	A
AGC Flat Glass North America	Knoxville, TN	4159	COMPOSITE	285	U	A
AGC Flat Glass North America	Jacksonville, FL	3010	COMPOSITE	285	U	A
AGC Flat Glass North America	Richmond, VA	1959	COMPOSITE	100	U	A
AGC Flat Glass North America	Opelousas, LA	3707	COMPOSITE	550	U	A
AGC Flat Glass North America	Salt Lake City, UT	4269	COMPOSITE	250	U	A
AGP, LLC	Miramar, FL	4719	COMPOSITE	285	U	A
Al Abbar Architectural Glass	Dubai UAE	4590	COMPOSITE	100	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	100	U	A
Alyusuf Thermo Glass W.L.L.	Manama, Bahrain	4498	COMPOSITE	285	U	A
American Shower Door	Los Angeles, CA	3041	COMPOSITE	250	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3570	COMPOSITE	285	U	A
Berkowitz, J.E.	Pedricktown, NJ	1991	COMPOSITE	100	U	A
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMPOSITE	500	U	A
Cardinal CG	Northfield, MN	4630	COMPOSITE	150	U	A
Cardinal LG	Ocala, FL	4317	COMPOSITE	285	U	A
Cardinal Tempering	Louisville, KY	3875	COMPOSITE	900	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3090	COMPOSITE	200	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4336	COMPOSITE	285	U	A
Consolidated Glass Corp.	New Castle, PA	2004	COMPOSITE	285	U	A
Contractors Wardrobe	Valencia, CA	3470	COMPOSITE	250	U	A
Coral Industries	Tuscaloosa, AL	2145	COMPOSITE	550	U	A
Cuda Glass & Metals	Wixom, MI	4202	COMPOSITE	150	U	A
D3 Glass, LLC	Fort Myers, FL	4793	COMPOSITE	285	U	A
Dallas Flat Glass Distributors, Inc.	Carrollton, TX	4567	COMPOSITE	175	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	900	U	A
Dlubak Corporation	Blairsville, PA	3018	COMPOSITE	100	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4126	ANSI ONLY	285	U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE	285	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3826	COMPOSITE	285	U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC Canada	4421	COMPOSITE	750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE	100	U	A
Glass Design of Miami, Inc.	Miami, FL	3607	COMPOSITE	285	U	A
Glass Dynamics, Inc.	Stoneville, NC	2733	COMPOSITE	285	U	A
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	COMPOSITE	285	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMPOSITE	750	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3944	COMPOSITE	125	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2806	COMPOSITE	400	U	A
Guardian Industries Corp.	Geneva, NY	3673	COMPOSITE	400	U	A
Guardian Industries Corp.	Galax, VA	4610	COMPOSITE	285	U	A
Guardian Industries Corp.	Corsicana, TX	1803	COMPOSITE	550	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>						
Guardian Industries Corp.	DeWitt, IA	2649	COMPOSITE	500	U	A
Guardian Webster, Inc.	Webster, MA	1235	COMPOSITE	100	U	A
Industrial Tempering Glass	Brooklyn, NY	3419	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3864	COMPOSITE	100	U	A
Insulite Glass Co., Inc.	Olathe, KS	3717	COMPOSITE	150	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2577	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4308	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3963	COMPOSITE	125	U	A
Kohler Company	Union City, TN	4012	COMPOSITE (IN)	550	U	A
M/M Tempering Inc.	Loganville, GA	4282	COMPOSITE (IN)	285	U	A
Maryland Glass & Mirror	Baltimore, MD	4322	COMPOSITE	100	U	A
Mega Tempering	Brooklyn, NY	4301	COMPOSITE	100	U	A
Mercer Glass Fab LLC	Trenton, NJ	4256	COMPOSITE	100	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	4148	COMPOSITE	285	U	A
New Angle Beveling	Hyde, PA	4592	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3109	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3292	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3445	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3185	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1550	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3121	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2214	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3173	COMPOSITE	600	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3315	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3143	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3149	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3161	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3133	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3500	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3225	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3269	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3238	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3280	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2062	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3100	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3334	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3196	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3256	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	516	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1384	COMPOSITE	200	U	A
PFG Industries	Langley, BC Canada	3544	COMPOSITE	750	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2048	COMPOSITE	100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4641	COMPOSITE	550	U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2984	COMPOSITE	500	U	A
Quality Glass and Mirror Service, Inc.	Omaha, NE	4777	COMPOSITE	500	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3748	COMPOSITE	285	U	A
RF Supply, Inc.	Bradenton, FL	4227	COMPOSITE	185	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4072	COMPOSITE	125	U	A
Shaw Glass Co.	S. Easton, MA	1037	COMPOSITE	100	U	A
SIGCO, Inc.	Portland, ME	2966	COMPOSITE	100	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1559	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>
<i>1/2 Inch Tempered Transparent Glass</i>							
Syracuse Glass Company	Syracuse, NY	2657	COMPOSITE		400	U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4732	COMPOSITE		195	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3891	COMPOSITE		750	U	A
Techni-Glass, Inc.	Surgoinsville, TN	4509	COMPOSITE		285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMPOSITE		285	U	A
The Original Frameless Shower Door	Coral Springs, FL	4663	COMPOSITE		285	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4026	COMPOSITE		100	U	A
Triple Seal Ltd.	Toronto, ON Canada	4358	COMPOSITE		400	U	A
Tristar Glass Inc.	Tulsa, OK	4009	COMPOSITE		175	U	A
Troy Systems LLC	Manassas, VA	4063	COMPOSITE		100	U	A
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4753	COMPOSITE		285	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	866	COMPOSITE		285	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	4367	COMPOSITE		900	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4187	COMPOSITE		250	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3928	COMPOSITE		550	U	A
Trulite Glass & Aluminum Solutions	Columbus, OH	4748	COMPOSITE		285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4215	COMPOSITE		250	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	4601	COMPOSITE		500	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1788	COMPOSITE		100	U	A
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE		100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3952	COMPOSITE		185	U	A
Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	3987	COMPOSITE		550	U	A
Viracon, Inc.	St. George, UT	4287	COMPOSITE		125	U	A
Viracon, Inc.	Owatonna, MN	1509	COMPOSITE		150	U	A
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE		100	U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4655	COMPOSITE		285	U	A
W.A. Wilson	Wheeling, WV	4173	COMPOSITE		200	U	A
Wholesale Glass Dist.	Memphis, TN	4382	COMPOSITE		150	U	A
WSD Glass, Inc.	Winston-Salem, NC	4050	COMPOSITE		100	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3055	COMPOSITE		125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3741	COMPOSITE		285	U	A
<i>12 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>							
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3937	COMPOSITE	(3)	125	U	A
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	(3)	100	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4079	COMPOSITE	(3)	125	U	A
<i>15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>							
Al Abbar Architectural Glass	Dubai UAE	3976	COMPOSITE	(4)	100	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3571	COMPOSITE	(3)	285	U	A
Diamond Sea Glaze	Langley, BC Canada	4505	COMPOSITE		750	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3938	COMPOSITE	(3)	125	U	A
Eckelt Glas GmbH	Steyr, Austria	2854	COMPOSITE	(3)	100	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3945	COMPOSITE	(3)	125	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4309	COMPOSITE	(3)	125	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4073	COMPOSITE	(3)	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>15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>							
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4080	COMPOSITE	(3)	125	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4027	COMPOSITE	(3)	100	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	4179	COMPOSITE	(3)	125	U	A
<i>5/8 Inch Tempered Transparent Glass</i>							
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	4355	COMPOSITE		100	U	A
Cuda Glass & Metals	Wixom, MI	4203	COMPOSITE		150	U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3916	COMPOSITE		900	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3857	COMPOSITE		100	U	A
Glass Dynamics, Inc.	Stoneville, NC	2731	COMPOSITE		285	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3239	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	4458	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3270	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3110	COMPOSITE		150	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3293	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2063	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	4054	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	4181	COMPOSITE		400	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3446	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4387	COMPOSITE		125	U	A
SIGCO, Inc.	Portland, ME	4326	COMPOSITE		100	U	A
Techni-Glass, Inc.	Surgoinsville, TN	4510	COMPOSITE		285	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMPOSITE		285	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	4134	COMPOSITE		100	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4522	COMPOSITE		250	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	4089	COMPOSITE		285	U	A
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE		100	U	A
<i>3/4 Inch Tempered Transparent Glass</i>							
Al Abbar Architectural Glass	Dubai UAE	3977	COMPOSITE		100	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	3656	COMPOSITE		100	U	A
American Shower Door	Los Angeles, CA	4615	COMPOSITE		250	U	A
AVIC Sanxin Co. Ltd.	Shenzhen, China	3572	COMPOSITE		285	U	A
Beijing Northglass Safety Glass Co. Ltd.	Beijing, China	4681	COMPOSITE		175	U	A
Berkowitz, J.E.	Pedricktown, NJ	2647	COMPOSITE		100	U	A
Contractors Wardrobe	Valencia, CA	3472	COMPOSITE		250	U	A
Coral Industries	Tuscaloosa, AL	2644	COMPOSITE		550	U	A
Cuda Glass & Metals	Wixom, MI	4204	COMPOSITE		150	U	A
Diamond Sea Glaze	Langley, BC Canada	4506	COMPOSITE		750	U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3917	COMPOSITE		900	U	A
Dlubak Corporation	Blairsville, PA	3019	COMPOSITE		100	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3939	COMPOSITE		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
Flat Glass Distributors, Inc.	Jacksonville, FL	3827	COMPOSITE		285	U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC Canada	4422	COMPOSITE		750	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3858	COMPOSITE		100	U	A
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE		285	U	A
Glaz-Tech Industries	Englewood, CO	2190	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>
<i>3/4 Inch Tempered Transparent Glass</i>							
Guangdong Golden Glass Technologies Limited	Shantou, China	3946	COMPOSITE		125	U	A
Guardian Industries Corp.	Galax, VA	4611	COMPOSITE		285	U	A
Hartung Glass Industries Tempered Industrial Tempering Glass	Wilsonville, OR	4631	COMPOSITE		750	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Brooklyn, NY	4240	COMPOSITE		100	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4310	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3111	COMPOSITE		150	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3257	COMPOSITE		175	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3271	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3197	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3294	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3595	COMPOSITE		200	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3240	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3174	COMPOSITE		600	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1551	COMPOSITE		400	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	2074	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Denver, CO	4245	COMPOSITE		550	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3447	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3335	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2885	COMPOSITE		100	U	A
Productos De Valor Agregado	Tlalnepantla, Edo Mexico	4642	COMPOSITE		550	U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	3805	COMPOSITE		500	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4074	COMPOSITE		125	U	A
Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4081	COMPOSITE		125	U	A
SIGCO, Inc.	Portland, ME	4327	COMPOSITE		100	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2894	COMPOSITE		285	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4028	COMPOSITE		100	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	2960	COMPOSITE		285	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	4135	COMPOSITE		100	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3929	COMPOSITE		550	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4371	COMPOSITE		250	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4216	COMPOSITE		250	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	4368	COMPOSITE		900	U	A
United Plate Glass Co., Inc.	Butler, PA	2472	COMPOSITE		100	U	A
Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	3988	COMPOSITE		550	U	A
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE		100	U	A
<i>7/8 Inch Tempered Transparent Glass</i>							
Guangdong Golden Glass Technologies Limited	Shantou, China	4535	COMPOSITE		125	U	A
<i>1 Inch Tempered Transparent Glass</i>							
GGI Glass Distributors Corp.	Secaucus, NJ	4774	COMPOSITE		100	U	A
<b><u>Tempered Patterned Glass</u></b>							
<i>1/8 Inch Tempered Patterned Glass</i>							
Addis Glass	Hamilton, OH	4687	COMPOSITE	(s)	200	U	A
AGC Flat Glass North America	Hebron, OH	3768	COMPOSITE	(m)	200	U	A
AGC Flat Glass North America	Greenland, TN	587	COMPOSITE	(s)	285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4270	COMPOSITE	(s)	250	U	A
AGC Flat Glass North America	San Antonio, TX	3818	COMPOSITE	(s)	550	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>							
AGC Flat Glass North America	Opelousas, LA	2902	COMPOSITE (s)		550	U	A
AGC Flat Glass North America	Alvarado, TX	3815	COMPOSITE (m)		175	U	A
AGC Flat Glass North America	Knoxville, TN	4207	COMPOSITE (s)		285	U	A
AGC Flat Glass North America	Quakertown, PA	2510	COMPOSITE (m)		100	U	A
AGC Flat Glass North America	Kingsport, TN	1414	COMPOSITE (m)		285	U	A
AGC Flat Glass North America	Jacksonville, FL	3011	COMPOSITE (s)		285	U	A
AGC Flat Glass North America	Richmond, VA	4649	COMPOSITE (s)		100	U	A
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE (s)		750	U	A
Anlin Industries	Clovis, CA	3076	COMPOSITE (m)		125	U	A
Cardinal CG	Tumwater, WA	2954	CPSC ONLY (s)		195	U	
Cardinal CG	Casa Grande, AZ	4103	COMPOSITE (s)		250	U	A
Cardinal CG	Galt, CA	3599	COMPOSITE (s)		125	U	A
Cardinal CG	Buford, GA	2146	COMPOSITE (s)		185	U	A
Cardinal CG	Loveland, CO	4343	COMPOSITE (s)		900	U	A
Cardinal CG	Spring Green, WI	2071	COMPOSITE (s)		500	U	A
Cardinal CG	Northfield, MN	2011	COMPOSITE (s)		150	U	A
Cardinal IG	Mountain Top, PA	3073	COMPOSITE (s)		100	U	A
Cardinal IG	Tomah, WI	2321	COMPOSITE (m)		600	U	A
Cardinal IG	Hood River, OR	2857	COMPOSITE (m)		750	U	A
Cardinal IG	Fremont, IN	2203	COMPOSITE (s)		150	U	A
Cardinal IG	Spring Green, WI	1844	COMPOSITE (s)		500	U	A
Cardinal IG	Fargo, ND	2231	COMPOSITE (s)		150	U	A
Cardinal IG	Greenfield, IA	1841	CPSC ONLY (s)		500	U	
Cardinal IG	Waxahachie, TX	2397	COMPOSITE (m)		900	U	A
Cardinal IG	Vinton, VA	2923	COMPOSITE (s)		100	U	A
Cardinal LG	Ocala, FL	4584	COMPOSITE (m)		285	U	A
Catalina Tempering	Easton, PA	4759	COMPOSITE (s)		100	U	A
Catalina Tempering	Mount Airy, NC	4581	COMPOSITE (s)		185	U	A
Catalina Tempering Ohio	Utica, Ohio	4623	COMPOSITE (s)		100	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4332	COMPOSITE (s)		285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4703	COMPOSITE (s)		285	U	A
Contractors Wardrobe	Valencia, CA	3473	COMPOSITE (m)		250	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3828	COMPOSITE (s)		285	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	4537	COMPOSITE (s)		400	U	A
Guardian Industries Corp.	DeWitt, IA	4238	COMPOSITE (s)		500	U	A
Guardian Industries Corp.	Corsicana, TX	2458	COMPOSITE (m)		550	U	A
Guardian Industries Corp.	Richburg, SC	1683	COMPOSITE (m)		285	U	A
Guardian Industries Corp.	Kingsburg, CA	1303	COMPOSITE (d)		125	U	A
Guardian Industries Corp.	Galax, VA	4612	COMPOSITE (s)		285	U	A
Guardian Webster, Inc.	Webster, MA	3604	COMPOSITE (s)		100	U	A
Intigral	Walton Hills, OH	3631	COMPOSITE (m)		200	U	A
Kohler Company	Union City, TN	1983	COMPOSITE (m)		550	U	A
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMPOSITE (s)		285	U	A
Northwest Glass	Billings, MT	3653	COMPOSITE (s)		750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3425	COMPOSITE (s)		175	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3336	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3501	COMPOSITE (s)		285	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	4384	COMPOSITE (s)		150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3151	COMPOSITE (s)		500	u	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3242	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3134	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3295	COMPOSITE (m)		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>1/8 Inch Tempered Patterned Glass</i>							
Oldcastle BuildingEnvelope™	Concord, ON Canada	4423	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3199	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3186	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3317	COMPOSITE (s)		550	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3272	COMPOSITE (m)(IN)		750	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3281	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3226	COMPOSITE (s)		750	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3101	COMPOSITE (m)		175	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3122	COMPOSITE (s)		185	U	A
PGF Industries	Langley, BC Canada	3547	COMPOSITE (s)		750	U	A
PGT Industries	Nokomis, FL	3880	COMPOSITE (s)		285	U	A
Quaker Window Products, Inc.	Freeburg, MO	2968	COMPOSITE (m)		150	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1422	COMPOSITE (s)		285	U	A
SIGCO, Inc.	Portland, ME	4543	COMPOSITE (m)		100	U	A
Techni-Glass, Inc.	Surgoinsville, TN	3061	COMPOSITE (m)		285	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	4394	COMPOSITE (s)		100	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	4369	COMPOSITE (s)		900	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3930	COMPOSITE (s)		550	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4188	COMPOSITE (s)		250	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	4090	COMPOSITE (s)		285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4217	COMPOSITE (s)		250	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	4452	COMPOSITE (s)		100	U	A
United Plate Glass Co., Inc.	Butler, PA	2473	COMPOSITE (d)		100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3954	COMPOSITE (d)		185	U	A
W.A. Wilson	Wheeling, WV	4174	COMPOSITE (d)		200	U	A
<i>5/32 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Alvarado, TX	2406	COMPOSITE (m)		175	U	A
AGC Flat Glass North America	Hebron, OH	2768	COMPOSITE (m)		200	U	A
AGC Flat Glass North America	Fall River, MA	2160	COMPOSITE (s)		400	U	A
AGC Flat Glass North America	Greenland, TN	2980	COMPOSITE (m)		285	U	A
AGC Flat Glass North America	Marietta, GA	1428	COMPOSITE (s)		285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4271	COMPOSITE (s)		250	U	A
AGC Flat Glass North America	Opelousas, LA	3708	COMPOSITE (d)		550	U	A
AGC Flat Glass North America	Kingsport, TN	2249	COMPOSITE (m)		285	U	A
AGC Flat Glass North America	San Antonio, TX	3647	COMPOSITE (m)		550	U	A
Anlin Industries	Clovis, CA	3077	COMPOSITE (d)		125	U	A
Arlene Stained Glass & Door	Houston, TX	3585	COMPOSITE (s)		550	U	A
Cardinal CG	Loveland, CO	4344	COMPOSITE (d)		900	U	A
Cardinal CG	Waxahachie, TX	4047	COMPOSITE (m)		550	U	A
Cardinal CG	Galt, CA	4347	COMPOSITE (m)		125	U	A
Cardinal CG	Northfield, MN	2012	COMPOSITE (s)		150	U	A
Cardinal CG	Tumwater, WA	2955	CPSC ONLY (d)		195	U	
Cardinal CG	Casa Grande, AZ	4104	COMPOSITE (d)		250	U	A
Cardinal IG	Mountain Top, PA	3115	COMPOSITE (s)		100	U	A
Cardinal IG	Greenfield, IA	1842	CPSC ONLY (d)		500	U	
Cardinal IG	Fremont, IN	2204	COMPOSITE (d)		150	U	A
Cardinal IG	Spring Green, WI	1845	COMPOSITE (m)		500	U	A
Cardinal IG	Vinton, VA	2924	COMPOSITE (d)		100	U	A
Cardinal IG	Tomah, WI	2322	COMPOSITE (d)		600	U	A
Cardinal IG	Hood River, OR	2832	COMPOSITE (d)		750	U	A
Cardinal IG	Waxahachie, TX	4091	COMPOSITE (d)		900	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>							
Cardinal IG	Fargo, ND	2285	COMPOSITE (m)		150	U	A
Catalina Tempering	Easton, PA	4760	COMPOSITE (d)		100	U	A
Catalina Tempering	Mount Airy, NC	4742	COMPOSITE (m)		185	U	A
Catalina Tempering Ohio	Utica, Ohio	4624	COMPOSITE (s)		100	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4333	COMPOSITE (d)		285	U	A
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE (m)		285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4704	COMPOSITE (s)		285	U	A
Contractors Wardrobe	Valencia, CA	3474	COMPOSITE (d)		250	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3829	COMPOSITE (d)		285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3970	COMPOSITE (s)		100	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	4538	COMPOSITE (s)		400	U	A
Guardian Industries Corp.	Richburg, SC	1635	COMPOSITE (m)		285	U	A
Guardian Industries Corp.	Corsicana, TX	2459	COMPOSITE (m)		550	U	A
Guardian Industries Corp.	Kingsburg, CA	1301	COMPOSITE (m)		125	U	A
Guardian Webster, Inc.	Webster, MA	2451	COMPOSITE (m)		100	U	A
Intigral	Walton Hills, OH	4588	COMPOSITE (m)		200	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	4161	COMPOSITE (m)		125	U	A
Kohler Company	Union City, TN	3532	COMPOSITE (m)		550	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3296	COMPOSITE (d)		750	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3135	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3273	COMPOSITE (d)		750	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3337	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3112	COMPOSITE (s)		150	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3187	COMPOSITE (d)		100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3318	COMPOSITE (d)		550	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3102	COMPOSITE (m)		175	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3227	COMPOSITE (d)		750	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3200	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3152	COMPOSITE (s)		500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3163	COMPOSITE (d)		175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3177	COMPOSITE (d)		600	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	4396	COMPOSITE (d)		100	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3426	COMPOSITE (m)		175	U	A
PFG Industries	Langley, BC Canada	3548	COMPOSITE (d)		750	U	A
Quaker Window Products, Inc.	Freeburg, MO	2969	COMPOSITE (IN)(m)		150	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1424	COMPOSITE (s)		285	U	A
Shenzhen Jiayeda Glass Processing Co., LTD	Shenzhen City, Guangdong, China	4441	COMPOSITE (s)		285	U	A
SIGCO, Inc.	Portland, ME	2967	COMPOSITE (m)		100	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	3460	COMPOSITE (d)		250	U	A
Tristar Glass Inc.	Tulsa, OK	4010	COMPOSITE (s)		175	U	A
Trulite Glass & Aluminum Solutions	Grenada, MS	4794	COMPOSITE (s)		500	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4218	COMPOSITE (m)		250	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4372	COMPOSITE (s)		250	U	A
United Plate Glass Co., Inc.	Butler, PA	2683	COMPOSITE (d)		100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4636	COMPOSITE (d)		185	U	A
<i>3/16 Inch Tempered Patterned Glass</i>							
Addis Glass	Hamilton, OH	4688	COMPOSITE (m)		200	U	A
AGC Flat Glass North America	Richmond, VA	2999	COMPOSITE (m)		100	U	A
AGC Flat Glass North America	Fall River, MA	1523	COMPOSITE (s)		400	U	A
AGC Flat Glass North America	San Antonio, TX	4342	COMPOSITE (d)		550	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>							
AGC Flat Glass North America	Opelousas, LA	2903	COMPOSITE (d)		550	U	A
AGC Flat Glass North America	Hebron, OH	2592	COMPOSITE (d)		200	U	A
AGC Flat Glass North America	Alvarado, TX	1714	COMPOSITE (s)		175	U	A
AGC Flat Glass North America	Knoxville, TN	4160	COMPOSITE (d)		285	U	A
AGC Flat Glass North America	Jacksonville, FL	3785	COMPOSITE (d)		285	U	A
AGC Flat Glass North America	Greenland, TN	1139	COMPOSITE (s)		285	U	A
AGC Flat Glass North America	Marietta, GA	2054	COMPOSITE (d)		285	U	A
AGC Flat Glass North America	Salt Lake City, UT	4272	COMPOSITE (m)		250	U	A
AGC Flat Glass North America	Quakertown, PA	3698	COMPOSITE (m)		100	U	A
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE (m)		750	U	A
Anlin Industries	Clovis, CA	3078	COMPOSITE (m)		125	U	A
Architectural Glass Products, LLC	St. Louis, MO	4574	COMPOSITE (s)		100	U	A
Cardinal CG	Casa Grande, AZ	4105	COMPOSITE (s)		250	U	A
Cardinal CG	Northfield, MN	2013	COMPOSITE (s)		150	U	A
Cardinal CG	Loveland, CO	4345	COMPOSITE (m)		900	U	A
Cardinal CG	Tumwater, WA	2956	CPSC ONLY (m)		195	U	
Cardinal CG	Galt, CA	3601	COMPOSITE (m)		125	U	A
Cardinal CG	Buford, GA	4599	COMPOSITE (s)		185	U	A
Cardinal CG	Waxahachie, TX	2705	COMPOSITE (m)		550	U	A
Cardinal IG	Fremont, IN	2205	COMPOSITE (s)		150	U	A
Cardinal IG	Spring Green, WI	1846	COMPOSITE (s)		500	U	A
Cardinal IG	Vinton, VA	3619	COMPOSITE (s)		100	U	A
Cardinal IG	Hood River, OR	2859	COMPOSITE (m)		750	U	A
Cardinal IG	Mountain Top, PA	3072	COMPOSITE (s)		100	U	A
Cardinal IG	Fargo, ND	2286	COMPOSITE (s)		150	U	A
Cardinal IG	Waxahachie, TX	2399	COMPOSITE (m)		900	U	A
Cardinal IG	Tomah, WI	2323	COMPOSITE (d)		600	U	A
Cardinal IG	Greenfield, IA	1843	CPSC ONLY (s)		500	U	
Catalina Tempering	Mount Airy, NC	4582	COMPOSITE (s)		185	U	A
Catalina Tempering	Easton, PA	4761	COMPOSITE (d)		100	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4334	COMPOSITE (d)		285	U	A
Consolidated Glass Corp.	New Castle, PA	2354	COMPOSITE (m)		285	U	A
Contour Industries, Inc.	Surgoinsville, TN	4705	COMPOSITE (s)		285	U	A
Contractors Wardrobe	Valencia, CA	3475	COMPOSITE (d)		250	U	A
Coral Industries	Tuscaloosa, AL	1964	COMPOSITE (d)		550	U	A
Denver Glass Interiors, Inc.	Englewood, CO	4101	COMPOSITE (s)		175	U	A
Downey Glass Industries, LLC	Pompano Beach, FL	3487	COMPOSITE (s)		285	U	A
Efco Corp.	Monett, MO	2143	COMPOSITE (s)		175	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3830	COMPOSITE (d)(IN)		285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3971	COMPOSITE (s)		100	U	A
Glaz-Tech Industries	Englewood, CO	2193	COMPOSITE (s)		250	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	4539	COMPOSITE (s)		400	U	A
Guardian Industries Corp.	Galax, VA	4613	COMPOSITE (m)		285	U	A
Guardian Industries Corp.	Corsicana, TX	2460	COMPOSITE (m)		550	U	A
Guardian Industries Corp.	DeWitt, IA	4600	COMPOSITE (s)		500	U	A
Guardian Industries Corp.	Kingsburg, CA	1304	COMPOSITE (m)		125	U	A
Guardian Industries Corp.	Richburg, SC	1865	COMPOSITE (m)		285	U	A
Guardian Webster, Inc.	Webster, MA	2603	COMPOSITE (m)		100	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	4162	COMPOSITE (m)		125	U	A
Kohler Company	Union City, TN	1984	COMPOSITE (s)		550	U	A
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMPOSITE (s)		285	U	A
Northwest Glass	Billings, MT	3655	COMPOSITE (m)		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 Patterned Glass</i>							
Oldcastle BuildingEnvelope™	Covington, GA	3338	COMPOSITE (m)		100	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3153	COMPOSITE (m)		500	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	935	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3297	COMPOSITE (d)		750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3319	COMPOSITE (m)		550	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3124	COMPOSITE (m)		185	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3228	COMPOSITE (m)		750	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3103	COMPOSITE (m)		175	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3502	COMPOSITE (m)		285	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3188	COMPOSITE (m)		100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3113	COMPOSITE (s)		150	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2215	COMPOSITE (s)		150	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3596	COMPOSITE (m)		200	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3243	COMPOSITE (m)		100	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3164	COMPOSITE (m)		175	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	4424	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3178	COMPOSITE (d)		600	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3274	COMPOSITE (d)		750	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3201	COMPOSITE (m)		125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3283	COMPOSITE (d)		100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	3492	COMPOSITE (d)		400	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3136	COMPOSITE (m)		125	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3427	COMPOSITE (s)		175	U	A
PGF Industries	Langley, BC Canada	3549	COMPOSITE (m)		750	U	A
PGT Industries	Nokomis, FL	3881	COMPOSITE (s)		285	U	A
Quaker Window Products, Inc.	Freeburg, MO	3486	COMPOSITE (m)		150	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	4136	COMPOSITE (s)		285	U	A
RF Supply, Inc.	Bradenton, FL	4229	COMPOSITE (d)		185	U	A
Shaw Glass Co.	S. Easton, MA	1939	COMPOSITE (s)		100	U	A
SIGCO, Inc.	Portland, ME	3028	COMPOSITE (m)		100	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMPOSITE (m)		285	U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tian Jin, China	3431	COMPOSITE (m)		250	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	4395	COMPOSITE (s)		100	U	A
Tristar Glass Inc.	Tulsa, OK	4011	COMPOSITE (s)		175	U	A
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4750	COMPOSITE (s)		285	U	A
Trulite Glass & Aluminum Solutions	Detroit, MI	4370	COMPOSITE (s)		900	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	1790	COMPOSITE (s)		100	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4219	COMPOSITE (m)		250	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	3554	COMPOSITE (s)		285	U	A
Trulite Glass & Aluminum Solutions	Houston, TX	3931	COMPOSITE (s)		550	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4373	COMPOSITE (s)		250	U	A
United Plate Glass Co., Inc.	Butler, PA	2474	COMPOSITE (d)		100	U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3955	COMPOSITE (d)		185	U	A
W.A. Wilson	Wheeling, WV	4175	COMPOSITE (d)		200	U	A
WSD Glass, Inc.	Winston-Salem, NC	4051	COMPOSITE (s)		100	U	A
<i>7/32 Inch Tempered Patterned Glass</i>							
Guardian Webster, Inc.	Webster, MA	3024	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	4386	COMPOSITE (d)		150	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3114	COMPOSITE (s)		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>1/4 Inch Tempered Patterned Glass</i>							
Addis Glass	Hamilton, OH	4689	COMPOSITE	(s)	200	U	A
AGC Flat Glass North America	San Antonio, TX	3819	COMPOSITE	(s)	550	U	A
AGC Flat Glass North America	Hebron, OH	3081	COMPOSITE	(d)	200	U	A
AGC Flat Glass North America	Opelousas, LA	3709	COMPOSITE	(s)	550	U	A
American Shower Door	Los Angeles, CA	3042	COMPOSITE	(s)	250	U	A
Cardinal LG	Ocala, FL	4587	COMPOSITE	(s)	285	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, China	4237	COMPOSITE	(s)	195	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4338	COMPOSITE	(m)	285	U	A
Consolidated Glass Corp.	New Castle, PA	4714	COMPOSITE	(m)	285	U	A
Contractors Wardrobe	Valencia, CA	3476	COMPOSITE	(m)	250	U	A
Coral Industries	Tuscaloosa, AL	2944	COMPOSITE	(d)	550	U	A
Denver Glass Interiors, Inc.	Englewood, CO	4507	COMPOSITE	(s)	175	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3972	COMPOSITE	(s)	100	U	A
Guardian Industries Corp.	Kingsburg, CA	1882	COMPOSITE	(m)	125	U	A
Guardian Industries Corp.	Richburg, SC	3002	COMPOSITE	(m)	285	U	A
Guardian Webster, Inc.	Webster, MA	4656	COMPOSITE	(s)	100	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	4163	COMPOSITE	(s)	125	U	A
Kohler Company	Union City, TN	2918	COMPOSITE	(m)	550	U	A
Mercer Glass Fab LLC	Trenton, NJ	4257	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3339	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3320	COMPOSITE	(s)	550	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3284	COMPOSITE	(d)	100	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4133	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3597	COMPOSITE	(d)	200	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3244	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3229	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3561	COMPOSITE	(s)	150	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3179	COMPOSITE	(d)	600	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3999	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3165	COMPOSITE	(m)	175	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3907	COMPOSITE	(m)	125	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3154	COMPOSITE	(m)	500	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3275	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3125	COMPOSITE	(m)	185	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3189	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	4477	COMPOSITE	(d)	285	U	A
PFG Industries	Langley, BC Canada	3711	COMPOSITE	(m)	750	U	A
Qinhuangdao Jixiang Glass Industry	Qinhuangdao, Hebei, China	3660	COMPOSITE	(d)	750	U	A
Quaker Window Products, Inc.	Freeburg, MO	2970	COMPOSITE	(IN)(m)	150	U	A
Techni-Glass, Inc.	Surgoinsville, TN	3060	COMPOSITE	(m)	285	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	4555	COMPOSITE	(m)	285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4220	COMPOSITE	(m)	250	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4189	COMPOSITE	(s)	250	U	A
United Plate Glass Co., Inc.	Butler, PA	2475	COMPOSITE	(m)	100	U	A
<i>3/8 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Opelousas, LA	3710	COMPOSITE	(s)	550	U	A
AGC Flat Glass North America	San Antonio, TX	3820	COMPOSITE	(s)	550	U	A
AGC Flat Glass North America	Hebron, OH	3082	COMPOSITE	(d)	200	U	A
AGC Flat Glass North America	Salt Lake City, UT	4479	COMPOSITE	(s)	250	U	A
American Shower Door	Los Angeles, CA	3043	COMPOSITE	(s)	250	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4339	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>
<i>3/8 Inch Tempered Patterned Glass</i>							
Consolidated Glass Corp.	New Castle, PA	4785	COMPOSITE	(s)	285	U	A
Contractors Wardrobe	Valencia, CA	3477	COMPOSITE	(s)	250	U	A
Coral Industries	Tuscaloosa, AL	2945	COMPOSITE	(d)	550	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, Inc.	Jacksonville, FL	4638	COMPOSITE	(s)	285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3973	COMPOSITE	(s)	100	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	4540	COMPOSITE	(s)	400	U	A
Guardian Industries Corp.	Galax, VA	4627	COMPOSITE	(s)	285	U	A
Guardian Industries Corp.	Richburg, SC	3003	COMPOSITE	(m)	285	U	A
Mercer Glass Fab LLC	Trenton, NJ	4258	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3598	COMPOSITE	(d)	200	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	3793	COMPOSITE	(d)	125	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3729	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	4340	COMPOSITE	(s)	185	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	4710	COMPOSITE	(s)	750	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3127	COMPOSITE	(m)	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3155	COMPOSITE	(d)	500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3166	COMPOSITE	(s)	175	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3190	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Fremont, CA	3203	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3262	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3245	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	3259	COMPOSITE	(s)	150	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3285	COMPOSITE	(d)	100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3503	COMPOSITE	(s)	285	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3340	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3230	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3428	COMPOSITE	(s)	175	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3448	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3321	COMPOSITE	(s)	550	U	A
RF Supply, Inc.	Bradenton, FL	4230	COMPOSITE	(d)	185	U	A
SIGCO, Inc.	Portland, ME	4206	COMPOSITE	(s)	100	U	A
Troy Systems LLC	Manassas, VA	4302	COMPOSITE	(s)	100	U	A
Trulite Glass & Aluminum Solutions	City of Industry, CA	4374	COMPOSITE	(s)	250	U	A
Trulite Glass & Aluminum Solutions	Pittsburgh, PA	4453	COMPOSITE	(s)	100	U	A
Trulite Glass & Aluminum Solutions	Atlanta, GA	4554	COMPOSITE	(s)	285	U	A
Trulite Glass & Aluminum Solutions	Las Vegas, NV	4221	COMPOSITE	(s)	250	U	A
Trulite Glass & Aluminum Solutions	Indianapolis, IN	4751	COMPOSITE	(s)	285	U	A
W.A. Wilson	Wheeling, WV	4176	COMPOSITE	(s)	200	U	A
<i>1/2 Inch Tempered Patterned Glass</i>							
Coral Industries	Tuscaloosa, AL	3817	COMPOSITE	(m)	550	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3974	COMPOSITE	(s)	100	U	A
<b><u>Tempered Bent Patterned Glass</u></b>							
<i>3/16 Inch Tempered Bent Patterned Glass</i>							
JYC Glass Co. Ltd.	Zhangcha, Foshan China	4165	COMPOSITE	(m)	125	U	A
<i>1/4 Inch Tempered Bent Patterned Glass</i>							
JYC Glass Co. Ltd.	Zhangcha, Foshan China	4166	COMPOSITE	(s)	125	U	A
<b><u>Tempered Bent Glass</u></b>							

**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 Bent Glass</i>								
Anthony International	Madison, GA		2727	COMPOSITE		400	U	A
Contour Industries, Inc.	Surgoinville, TN		4706	COMPOSITE		285	U	A
<i>5/32 Inch Tempered Bent Glass</i>								
Anthony International	Madison, GA		2305	COMPOSITE		400	U	A
Contour Industries, Inc.	Surgoinville, TN		4707	COMPOSITE		285	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China		3991	COMPOSITE		125	U	A
Saint-Gobain SOVIS	Thierry, France		1992	COMPOSITE		400	U	A
Spec-Temp, Inc.	Antwerp, OH		3358	COMPOSITE		500	U	A
Vetreria Valentini S.R.L.	Brescia, Italy		4246	ANSI ONLY		400	U	A
<i>3/16 Inch Tempered Bent Glass</i>								
Anthony International	Madison, GA		2306	COMPOSITE		400	U	A
Contour Industries, Inc.	Surgoinville, TN		4708	COMPOSITE		285	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China		3992	COMPOSITE		125	U	A
Saint-Gobain SOVIS	Thierry, France		2770	COMPOSITE		400	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China		3742	COMPOSITE		285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China		4694	COMPOSITE		125	U	A
<i>1/4 Inch Tempered Bent Glass</i>								
Anthony International	Madison, GA		2307	COMPOSITE		400	U	A
Contour Industries, Inc.	Surgoinville, TN		4709	COMPOSITE		285	U	A
Jiaxing B&C Corporation	Jiaxing, Zhejiang, China		4389	COMPOSITE		125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China		3993	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL		2308	COMPOSITE		200	U	A
Richwood Company, Inc.	Guangdong, China		4679	COMPOSITE		250	U	A
Saint-Gobain SOVIS	Thierry, France		1864	COMPOSITE		400	U	A
Vetreria Valentini S.R.L.	Brescia, Italy		2898	ANSI ONLY		400	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China		3743	COMPOSITE		285	U	A
Yitian (Cattis) Glass Product Co., Ltd	Foshan City, Guangdong China		4695	COMPOSITE		125	U	A
<i>6 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>								
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany		2570	COMPOSITE	(2)	100	20x76	A
<i>7 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>								
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany		2569	COMPOSITE	(2)	100	16x76	A
<i>5/16 Inch Tempered Bent Glass</i>								
JYC Glass Co. Ltd.	Zhangcha, Foshan China		3994	COMPOSITE		125	U	A
<i>3/8 Inch Tempered Bent Glass</i>								
Oldcastle BuildingEnvelope™	Bensenville, IL		1536	COMPOSITE		200	U	A
<i>1/2 Inch Tempered Bent Glass</i>								
Oldcastle BuildingEnvelope™	Bensenville, IL		2053	COMPOSITE		200	U	A
<i>3/4 Inch Tempered Bent Glass</i>								
Oldcastle BuildingEnvelope™	Bensenville, IL		3671	COMPOSITE		200	U	A
<b><u>Laminated Transparent Glass</u></b>								
<i>(S) Laminated Transparent Glass</i>								
4-6mm Guardian Industries Canada Corp.	Rexdale, ON Canada		2808	COMPOSITE	(.030) (b)	400	U	A
4mm Guardian Industries Corp.	Galax, VA		4632	COMPOSITE	.015(C1) (b)	285	U	B
<i>(S) Laminated Transparent Glass</i>								
5-6mm Cardinal LG	Ocala, FL		4361	COMPOSITE	(.035) (ip)	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>(S) Laminated Transparent Glass</i>							
5mm Cardinal LG	Amery, WI	4120	COMPOSITE	.015(C1) (b)	150	U	B
5-6mm Cardinal LG	Amery, WI	4350	COMPOSITE	(.060) (ip)	150	U	A
5-6mm Cardinal LG	Amery, WI	2976	COMPOSITE	(.030) (b)	150	U	A
5-6mm Guardian Fabrication, Inc.	Reedley, CA	4360	COMPOSITE	(.030) (b)	125	U	A
5-6mm Guardian Fabrication, Inc.	Reedley, CA	4583	COMPOSITE	(.015)(C1) (b)	125	U	B
5mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4562	COMPOSITE	(.015) (b)	125	U	A
5-6mm Pennsylvania Insulating Glass	Lewistown, PA	3918	COMPOSITE	(.030) (b)	100	U	A
5-6mm Trulite Glass & Aluminum Solutions	Grenada, MS	4743	COMPOSITE	(.030) (b)	500	U	A
<i>(S) Laminated Transparent Glass</i>							
6mm AGC Flat Glass North America	Jacksonville, FL	4144	COMPOSITE	(.015) (b)	285	U	B
6mm AGC Flat Glass North America	Jacksonville, FL	4145	COMPOSITE	(.030) (b)	285	U	A
6mm AGC Flat Glass North America	Carbondale, PA	4644	COMPOSITE	(.030) (b)	100	U	A
6mm Berkowitz, J.E.	Pedricktown, NJ	3749	COMPOSITE	(.030) (b)	100	U	A
6mm Cardinal LG	Ocala, FL	3509	COMPOSITE	(.030) (b)	285	U	A
6mm Cuda Glass & Metals	Wixom, MI	4412	COMPOSITE	(.030) (ev)	150	U	A
6mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4722	COMPOSITE	(.030) (b)	285	U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4413	COMPOSITE	(.035) (ip)	285	U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4375	COMPOSITE	(.030) (b)	285	U	A
6mm Global Security Glazing	Selma, AL	4769	COMPOSITE	(.030) (b)	285	U	A
6mm Guardian Industries Corp.	Galax, VA	4800	COMPOSITE	(.075) (b)(p)(el)6	285	U	A
6mm Guardian Industries Corp.	Galax, VA	4633	COMPOSITE	(.030) (b)	285	U	A
6mm Insulite Glass Co., Inc.	Olathe, KS	3718	COMPOSITE	(.030) (b)	150	U	A
6mm Oldcastle BuildingEnvelope™	Miami, FL	4397	COMPOSITE	(.030) (ip)	285	U	A
6mm Oldcastle BuildingEnvelope™	Tampa, FL	4448	COMPOSITE	(.030) (b)	185	U	A
6mm Oldcastle BuildingEnvelope™	Denver, CO	4533	COMPOSITE	(.030) (b)	550	U	A
6mm Oldcastle BuildingEnvelope™	Schofield, WI	3176	COMPOSITE	(.030) (b)	600	U	A
6mm Oldcastle BuildingEnvelope™	Hauppauge, NY	3392	COMPOSITE	(.030) (b)	400	U	A
6mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4346	COMPOSITE	(.030) (b)	125	U	A
6mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4576	COMPOSITE	(.035) (ip)	125	U	A
6mm Oldcastle BuildingEnvelope™	Grand Prairie, TX	3258	COMPOSITE	(.030) (b)	175	U	A
6mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4700	COMPOSITE	(.030) (b)	100	U	A
6mm Oldcastle BuildingEnvelope™	Tampa, FL	4450	COMPOSITE	(.030) (ip)	185	U	A
6mm Oldcastle BuildingEnvelope™	Fremont, CA	4457	COMPOSITE	(.060) (ip)	125	U	A
6mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4434	COMPOSITE	(.015) (b)	100	U	A
6mm Oldcastle BuildingEnvelope™	Langley, BC Canada	4475	COMPOSITE	(.015) (b)	750	U	A
6mm Oldcastle BuildingEnvelope™	Fremont, CA	4531	COMPOSITE	(.030) (b)	125	U	A
6mm Oldcastle BuildingEnvelope™	Miami, FL	4001	COMPOSITE	(.030) (b)	285	U	A
6mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4432	COMPOSITE	(.035) (ip)	100	U	A
6mm Oldcastle BuildingEnvelope™	Denver, CO	4455	COMPOSITE	(.035) (ip)	550	U	A
6mm Oldcastle BuildingEnvelope™	Wright City, MO	4528	COMPOSITE	(.035) (ip)	150	U	A
6mm Oldcastle BuildingEnvelope™	Wright City, MO	4526	COMPOSITE	(.030) (b)	150	U	A
6mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2743	COMPOSITE	(.030) (b)	400	U	A
6mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2269	ANSI ONLY	.015(C1) (b)	400	U	B
6mm Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2779	COMPOSITE	(.030) (b)	125	U	A
6mm Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4083	COMPOSITE	(.030) (b)	125	U	A
6mm Tacoma Glass Mfg. Inc.	Lakewood, WA	4733	COMPOSITE	(.030) (b)	195	U	A
6mm Taiwan Glass Industry Corporation	Taipei, Taiwan	3892	COMPOSITE	(.015) (b)	750	U	A

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		<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 Traco (Three Rivers Alum)	Cranberry Township, PA	2714	COMPOSITE	(.030) (b)	100	U	A
6mm Tristar Glass Inc.	Tulsa, OK	4410	COMPOSITE	(.030) (b)	175	U	A
6mm Trulite Glass & Aluminum Solutions	City of Industry, CA	4233	COMPOSITE	(.030) (b)	250	U	A
6mm Trulite Glass & Aluminum Solutions	Youngsville, NC	4437	COMPOSITE	(.030) (b)	285	U	A
6mm Trulite Glass & Aluminum Solutions	Fort Worth, TX	3603	COMPOSITE	(.030) (b)	175	U	A
6mm Trulite Glass & Aluminum Solutions	Atlanta, GA	3536	COMPOSITE	(.030) (b)	285	U	A
6mm Trulite Glass & Aluminum Solutions	Houston, TX	4666	COMPOSITE	(.030) (b)	550	U	A
6mm Trulite Glass & Aluminum Solutions	Orlando, FL	3461	COMPOSITE	(.030) (b)	285	U	A
6mm Trulite Glass & Aluminum Solutions	New Berlin, WI	3430	COMPOSITE	(.030) (b)	150	U	A
6mm Trulite Glass & Aluminum Solutions	Columbus, OH	3407	COMPOSITE	(.030) (b)	285	U	A
6mm Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	4713	COMPOSITE	(.030) (b)	550	U	A
6mm Vidrios El Castillo SC de RL de CV	Escobedo Nuevo Leon Mexico	4712	COMPOSITE	(.015) (b)	550	U	B
6mm Viracon, Inc.	St. George, UT	4741	COMPOSITE	(.030) (b)	125	U	A
6mm Viracon, Inc.	Statesboro, GA	4778	COMPOSITE	(.030) (b)	100	U	A
6mm Viracon, Inc.	Owatonna, MN	1637	COMPOSITE	(.030) (b)	150	U	A
6mm Viwinco, Inc.	Morgantown, PA	3406	COMPOSITE	(.090) (b)	100	U	A
6mm XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3056	COMPOSITE	(.030) (b)	125	U	A
<i>(H) Laminated Transparent Glass</i>							
8-12mm AGC Flat Glass North America	Jacksonville, FL	4142	COMPOSITE	(.090) (ip)	285	U	A
8-12, 19+mm AGC Flat Glass North America	Jacksonville, FL	4141	COMPOSITE	(.030) (b)	285	U	A
8-12mm Cardinal LG	Ocala, FL	4362	COMPOSITE	(.035) (ip)	285	U	A
8-12mm Cardinal LG	Ocala, FL	3510	COMPOSITE	(.030) (b)	285	U	A
8-12mm Cardinal LG	Amery, WI	4351	COMPOSITE	(.060) (ip)	150	U	A
8-12mm Cardinal LG	Amery, WI	2462	COMPOSITE	(.030) (b)	150	U	A
8mm Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	4363	COMPOSITE	(.090) (b)	750	U	A
8, 12mm Coastal Glass Distributors Inc.	Charleston, SC	4337	COMPOSITE	(.060) (lu)	285	U	A
8-12mm Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	4167	COMPOSITE	(.030) (b)	125	U	A
8-12mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4123	COMPOSITE	(.030) (b)	285	U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4376	COMPOSITE	(.030) (b)	285	U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4414	COMPOSITE	(.035) (ip)	285	U	A
8-12mm Guardian Fabrication, Inc.	Reedley, CA	4557	COMPOSITE	(.030) (b)	125	U	A
8-16+mm Guardian Industries Canada Corp.	Rexdale, ON Canada	3608	COMPOSITE	(.030) (b)	400	U	A
8mm Guardian Industries Corp.	Galax, VA	4658	COMPOSITE	(.030) (b)	285	U	A
8mm Insulite Glass Co., Inc.	Olathe, KS	3720	COMPOSITE	(.060) (b)	150	U	A
8-10, 16+mm Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4312	COMPOSITE	(.030) (b)	125	U	A
8-16+mm Oldcastle BuildingEnvelope™	Wright City, MO	4527	COMPOSITE	(.030) (b)	150	U	A
8-16+mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4563	COMPOSITE	(.030) (b)	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>(H) Laminated Transparent Glass</i>							
8-16+mm Oldcastle BuildingEnvelope™	Schofield, WI	4558	COMPOSITE	(.030) (b)	600	U	A
8-16+mm Oldcastle BuildingEnvelope™	Wright City, MO	4529	COMPOSITE	(.035) (ip)	150	U	A
8-16+mm Oldcastle BuildingEnvelope™	Tampa, FL	4451	COMPOSITE	(.030) (ip)	185	U	A
8-16+mm Oldcastle BuildingEnvelope™	Houston, TX	4402	COMPOSITE	(.030) (b)	175	U	A
8, 12-16+mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4433	COMPOSITE	(.035) (ip)	100	U	A
8-16+mm Oldcastle BuildingEnvelope™	Miami, FL	4399	COMPOSITE	(.030) (ip)	285	U	A
8-16+mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4444	COMPOSITE	(.035) (ip)	100	U	A
8-16+mm Oldcastle BuildingEnvelope™	Tampa, FL	4449	COMPOSITE	(.030) (b)	185	U	A
8-16+mm Oldcastle BuildingEnvelope™	Miami, FL	4398	COMPOSITE	(.030) (b)	285	U	A
8-10mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4435	COMPOSITE	(.015) (b)	100	U	A
8-16+mm Oldcastle BuildingEnvelope™	Denver, CO	4456	COMPOSITE	(.035) (ip)	550	U	A
8-16+mm Oldcastle BuildingEnvelope™	Fremont, CA	4460	COMPOSITE	(.030) (b)	125	U	A
8-16+mm Oldcastle BuildingEnvelope™	Fremont, CA	4461	COMPOSITE	(.060) (ip)	125	U	A
8-16+mm Oldcastle BuildingEnvelope™	Langley, BC Canada	4476	COMPOSITE	(.015) (b)	750	U	A
8-16+mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4446	COMPOSITE	(.030) (b)	100	U	A
8-10mm Pennsylvania Insulating Glass	Lewistown, PA	3919	COMPOSITE	(.030) (b)	100	U	A
8-12mm PGT Industries	Nokomis, FL	3482	COMPOSITE	(.090) (ip)	285	U	A
8-12mm PGT Industries	Nokomis, FL	2426	COMPOSITE	(.060) (b)	285	U	A
8-10mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2267	ANSI ONLY	(.015)(C1) (b)	400	U	B
8, 12mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2332	COMPOSITE	(.030) (b)	400	U	A
8mm Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	4353	COMPOSITE	(.030) (b)	125	U	A
8-16+mm Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	Tianjin, China	4084	COMPOSITE	(.015) (b)	125	U	A
8-16+mm Tecnoglass S.A.	Barranquilla, Colombia	4003	COMPOSITE	(.030) (b)	285	U	A
8mm Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4030	COMPOSITE	(.030) (b)	100	U	A
8-12mm Traco (Three Rivers Alum)	Cranberry Township, PA	2748	COMPOSITE	(.090) (ip)	100	U	A
8 & 12mm Traco (Three Rivers Alum)	Cranberry Township, PA	2715	COMPOSITE	(.060) (b)	100	U	A
8mm Trulite Glass & Aluminum Solutions	Grenada, MS	4755	COMPOSITE	(.090) (b)	500	U	A
8-16+mm Viracon, Inc.	Statesboro, GA	4779	COMPOSITE	(.030) (b)	100	U	A
8-16+mm Viracon, Inc.	Owatonna, MN	4249	COMPOSITE	(.030) (b)	150	U	A
8mm Viwinco, Inc.	Morgantown, PA	3408	COMPOSITE	(.090) (b)	100	U	A
8-16+mm XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3489	COMPOSITE	(.030) (b)	125	U	A
<i>(H) Laminated Transparent Glass</i>							
10-12mm AGC Flat Glass North America	Carbondale, PA	4232	COMPOSITE	(.030) (b)	100	U	A
10-12mm American Shower Door	Los Angeles, CA	4647	COMPOSITE	(.030) (ev)	250	U	A
10-12mm Berkowitz, J.E.	Pedricktown, NJ	3750	COMPOSITE	(.030) (b)	100	U	A
10mm Bestroom Co., Ltd.	Gangwon Do, Korea	4786	COMPOSITE	(.045) (lu)	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>(H) Laminated Transparent Glass</i>							
10-16+mm Cuda Glass & Metals	Wixom, MI	4315	COMPOSITE	(.030) (ev)	150	U	A
10-12mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4430	COMPOSITE	(.030) (b)	285	U	A
10-16+mm Guangdong Golden Glass Technologies Limited	Shantou, China	3947	COMPOSITE	(.030) (b)	125	U	A
10-12mm Insulite Glass Co., Inc.	Olathe, KS	3723	COMPOSITE	(.030) (b)	150	U	A
10-16+mm Oldcastle BuildingEnvelope™	Denver, CO	4454	COMPOSITE	(.030) (b)	550	U	A
10-16+mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4561	COMPOSITE	(.035) (ip)	125	U	A
10-16+mm Oldcastle BuildingEnvelope™	Hauppauge, NY	4618	COMPOSITE	(.030) (b)	400	U	A
10mm Pulp Studio Inc.	Los Angeles, CA	4685	COMPOSITE	(.030) (b)	250	U	A
10mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	3479	COMPOSITE	(.090) (b)	400	U	A
10-16+mm Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2780	COMPOSITE	(.015) (b)	125	U	A
10-12mm Tacoma Glass Mfg. Inc.	Lakewood, WA	4735	COMPOSITE	(.030) (b)	195	U	A
10mm Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4106	COMPOSITE	(.045) (b)	100	U	A
10mm Traco (Three Rivers Alum)	Cranberry Township, PA	2716	COMPOSITE	(.030) (b)	100	U	A
10-12mm Tristar Glass Inc.	Tulsa, OK	4411	COMPOSITE	(.030) (b)	175	U	A
10-16+mm Trulite Glass & Aluminum Solutions	Grenada, MS	4744	COMPOSITE	(.030) (b)	500	U	A
10-16+mm Viracon, Inc.	St. George, UT	4442	COMPOSITE	(.030) (b)	125	U	A
10, 19+mm Vitraform, Inc.	Denver, CO	4274	CPSC ONLY	(.020) (lc)	500	U	
<i>(H) Laminated Transparent Glass</i>							
12mm AGP, LLC	Miramar, FL	4789	COMPOSITE	(.090) (lu)	285	U	A
12mm Al Abbar Architectural Glass	Dubai UAE	3560	COMPOSITE	(.030) (b)	100	U	A
12+mm AVIC Sanxin Co. Ltd.	Shenzhen, China	3573	COMPOSITE	(.030) (b)	285	U	A
12mm Dolphin Glass Specialists, LLC	Hialeah, FL	4729	COMPOSITE	(.030) (b)	285	U	A
12-16+mm Galaxy Glass & Stone	Fairfield, NJ	3661	COMPOSITE	(.060) (lu)	100	U	A
12mm Global Security Glazing	Selma, AL	4770	COMPOSITE	(.060) (b)	285	U	A
12mm Hangzhou Zhongtian Glass Co. Ltd.	Hangzhou, China	4516	COMPOSITE	(.060) (b)	195	U	A
12mm Oldcastle BuildingEnvelope™	Houston, TX	4401	COMPOSITE	(.090) (ip)	175	U	A
12-16+mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4436	COMPOSITE	(.030) (b)	100	U	A
12-16+mm Oldcastle BuildingEnvelope™	Hauppauge, NY	4619	COMPOSITE	(.035) (ip)	400	U	A
12mm Pulp Studio Inc.	Los Angeles, CA	4711	COMPOSITE	(.075) (b)	250	U	A
12mm Taiwan Glass Industry Corporation	Taipei, Taiwan	3893	COMPOSITE	(.015) (b)	750	U	A
12mm Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4107	COMPOSITE	(.060) (b)	100	U	A
12mm Traco (Three Rivers Alum)	Cranberry Township, PA	2719	COMPOSITE	(.090) (b)	100	U	A
12mm Trulite Glass & Aluminum Solutions	Houston, TX	4667	COMPOSITE	(.030) (b)	550	U	A
12-16+mm Viracon, Inc.	Owatonna, MN	4250	COMPOSITE	(.060) (ip)	150	U	A
12mm Viracon, Inc.	Statesboro, GA	4784	COMPOSITE	(.090) (ip)	100	U	A
<i>(H) Laminated Transparent Glass</i>							
16mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4124	COMPOSITE	(.030) (b)	285	U	A
16+mm Guangdong Golden Glass Technologies Limited	Shantou, China	4723	COMPOSITE	(.015) (ip)	125	U	A
16+mm Hartung Glass Industries Lami	Langley, BC Canada	4431	COMPOSITE	(.060) (ip)	750	U	A



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<i>(H) Laminated Transparent Glass</i>							
16+mm Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong, China	4575	COMPOSITE	(.060) (ip)	125	U	A
16+mm Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4108	COMPOSITE	(.090) (b)	100	U	A
<i>(H) Laminated Transparent Glass</i>							
22+mm Beijing Northglass Safety Glass Co. Ltd.	Beijing, China	4279	COMPOSITE	(.060) (ip)	175	U	A
<b><u>Laminated Patterned Glass</u></b>							
<i>(S) Laminated Patterned Glass</i>							
6mm Guardian Industries Corp.	Galax, VA	4634	COMPOSITE	(.030) (b)(s)	285	U	A
<i>(H) Laminated Patterned Glass</i>							
8mm Guardian Industries Corp.	Galax, VA	4659	COMPOSITE	(.030) (b)(s)	285	U	A