



safety glazing certification council

July 1, 2010

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

July 1, 2010

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>

~ ~ ~

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

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

Superintendent of Documents
PO Box 371954
Pittsburg, PA 15250-7954
www.access.gpo.gov

SGCC "Record of Compliance Testing" to support a manufacturer's CPSC Certificate of Compliance Testing may be obtained, when authorized by the SGCC licensee, at 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

Visit our website @ www.sgcc.org

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

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~ 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 ~

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

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

~ ROSTER ~

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

President	Bernie Herron
Vice President	Peter Weismantle
Secretary	June Willcott
Treasurer	Elaine S. Rodman

~ REPRESENTING PUBLIC INTEREST ~

Mr. William Nugent
Wiss, Janney, Elstner Associates, Inc.
330 Pfingsten Road
Northbrook, IL 60062-2095
Telephone: 847-272-7400
Fax: 847-291-9599

Ms. Elaine S. Rodman
The Rodman Group
1100 Middle Road
Glenshaw, PA 15116
Telephone: 412-486-6384
Fax: 412-486-6387

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

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

Patrick Loughran
Goettsch Partners, Architecture, Interiors,
Planning, Enclosures
224 South Michigan, Floor 17
Chicago, Illinois 60604
Telephone: 312-356-0600

July 1, 2010

~ REPRESENTING INDUSTRY ~

Mr. Kevin Olah
Guardian Industries Corp.
Office of Homologation
2300 Harmon Rd.
Auburn Hills, MI 48326
Phone: (248) 340-2141
Fax: (248) 340-2239

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

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

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

Cliff Monroe
Arch Aluminum & Glass Co.
10200 NW 67th Street
Tamarac, FL 33321
Phone: (800) 432-8132

~ 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:

Bernie Herron, President
SGCC® Board of Directors
Cardinal IG
7201 West Lake St.
Minneapolis, MN 55426
Phone: (952) 929-3134

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

Mr. John G. Kent
Program Administrator
Administrative Management Systems, Inc. (AMS)
P.O. Box 730
100 W. Main St.
Sackets Harbor, NY 13685
Phone: (315) 646-2234
Fax: (315) 646-2297

~ LEGAL COUNSEL ~

William M. Hannay, Esq.
Schiff, Hardin & Waite
7200 Sears Tower
Chicago, IL 60606
Phone: (312) 258-5617
Fax: (312) 258-5600

~ FINANCIAL AUDITORS ~

David Bowles
Kane, Bowles & Moore
209 Second St.
Liverpool, NY 13088
Phone: (315) 451-6167
Fax: (315) 451-6093

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Addis Glass Fabricating Inc.	Kevin Addis		
AGC Flat Glass North America	Mark Cody	Jon Hughes	
AGC Flat Glass North America	Mark Cody	Jon Hughes	
AGC Flat Glass North America	Mark Cody	Jon Hughes	
Al Abbar Architectural Glass	Jean Lelievre		
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
American Shower Door	Tom Hori		
Amsco Windows	Joe Jonely		
Anlin Industries	Andy Peterson		
Anthony International	Matt Rolek	Don Sokol	
Anthony Temperbent, GP LLC	William Wilczynski	Richard Paschel	Sergio Flores
Arch Aluminum & Glass Co. Inc.	Cliff Monroe	Leon Silverstein	Bob Martin
Arch Deco Glass	Mike Blankenship		
Architectural Glass Industries, LLC	David Tofinchio		
Arlene Stained Glass & Door	Son Nguyen		
AVIC Sanxin Co. Ltd.	Wang Jinlin		
Bendheim Wall Systems	Robert Jayson		
Berkowitz, J.E.	Jim Stinsman		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Bernie Herron	Bob Spindler	Oak Moser
Cardinal Tempering	Greg Abrams		
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		
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 Products, Inc.	Eric Reeder		
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		
Desert Glass Products	Dan Haney	Kirk Vaught	
Dillmeier Enterprise, Inc.	Cody Tran		
Dlubak Corporation	David Bazzano		
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		
Eckelt Glas GmbH	Christian Eckelt		
Efco Corp.	Mark Crane		
El Castillo VitroMart	Carlos Benet Trad		
Engineered Glass Products, L.L.C.	Goran Radojevich		
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Thomas Cruz		
Galaxy Glass & Stone	Eugene Negrin	John O'Keefe	
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, Inc.	Bill Folino		
GlassDepot, LLC	Bob Becker		
Glenny Glass Co.	Braxton Smith		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Guangdong Golden Glass Technologies Limited	Wu Congzhen		
Guardian Industries Corp.	Kevin B. Olah	Melissa Matyniak	Carrie Karasiewicz

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Haida Safety Glass Ltd.	David Zhu		
Industrial Tempering Glass	Alexander Weinberger		
Insulated Glass of America	Derek Spears		
Insulite Glass Co., Inc.	Larry Vasholz		
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
Laurier Glass Ltd.	Caroline Mercier		
M/M Tempering Inc.	Joseph L. Stevens		
Maryland Glass & Mirror	Matthew Dalbke		
Mega Tempering	Ioannis Mariollis		
Mercer Glass Fab LLC	Thomas Wenczel		
Milgard Tempering, Inc.	Jeff Tregoning	Mike Campbell	
MLC Windows & Glass	Michele Lochirco		
Multiver	Edgar Cormier	Chantel Theriault	
Nashville Tempered Glass Corp.	Dan Haney	Richard Paschel	
Northwest Glass	Bill Pollack		
Oldcastle Glass	Rick Wright	Robert Williams	
Oldcastle Glass CPG	Rick Wright	John Bush	Robert Williams
Patio Enclosures, Inc.	Jack Garforth	Craig Cox	
Pennsylvania Insulating Glass	Tim Wilkins		
PFG Industries	Steve Nielsen		
PGT Industries	Rod Hershberger		
PPG Inds., Inc.	Paul W. Bush	Wayne Boor	Kevin Ramus
Prelco, Inc.	Stephane Mercier		
PT Abebersa Pratama	Mahud Malim		
PT Surya Adhitia Fortuna Glass c/o Vetro Inc.	Reynold Deeb		
QBP Co., Ltd.	Lisa Chang		
Qinhuangdao Dawei Glass Products Co. Ltd.	Cui Songwu		
Qinhuangdao Detai Tempered Glass Co., Ltd.	Yijing Wang		
Qinhuangdao GaoPeng Foam Plastic Co. Ltd.	Yu Na		
Qinhuangdao High-Tech Energy-Saving Dorwin Co	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		
Ready Glass & Mirror, Inc.	Silverio Perez		
Refrigeration & Display Components LLC	Nickolas Deltaan		
RF Supply, Inc.	Mike Hoelle		
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 Haojing Glass Co. Ltd.	Wang Xdiang Yang		
Shanghai Yaohua Pilkington Glass Co. Shanghai	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	
Southern Wholesale Glass, Inc.	Mark Michael		
Southwest Glass Products Inc.	Laverne Sinden		
Sovis North America, Inc.	Mark A. Durfield	Luc-Michel Riblier	
Spec-Temp, Inc.	T. Copsey		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Company	John Dwyer		
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		
Tempered Glass, Inc.	Douglas Sampsel	Joel Wrenn	
Tianjin CSG Architectural Glass Co., LTD.	Zaida Liu		
TianJin Dong Sung Home Building Materials Co.	Sang Kuy Lee		
Traco (Three Rivers Alum)	Dale Pittman		
Triple Seal Ltd.	Steve Callahan		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Tristar Glass Inc.	Tim Kelley		
Troy Systems LLC	Ali Guney		
Tweddell's Inc.	Corey Myer		
United Glass Corporation	Dickey Clinton	Ed Paul	Maria Tavarez
United Glass Corporation	Carl Edwards	Bob Perkins	
United Plate Glass Co., Inc.	Darin Vietmeier		
United Plate Glass Company of Charlotte	Matt Anderson		
Vetzeria Valentini S.R.L.	Claudio Valentini		
Vidrios Marte SA de CV	Hugo Hernandez		
Viracon, Inc.	Brian Louks	Don Boutelle	
Virginia Glass Products Corp.	Benjamin Beeler	W. Chris Beeler	
Vitraform, Inc.	Jerry Fein		
Vitro America, Inc.	Larry Vonada	Rick Dashley	
Vitro America, Inc.	Carl Hood		
Viwinco, Inc.	Michael Duncan		
W.A. Wilson	Robert Hartong		
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		
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Xuxiang Dongly		

Certification Committee Chairman - Mark Cody

Member by virtue of being a director

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

July 1, 2010

~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 Z97.1-2004 or 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 (For example GANA TD 101-04) 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. 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.

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 Z97.1-2004 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 Z97.1-2004 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 10/21/05)

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)

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.

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.

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) (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 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. (Revised 4/2/08)

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)

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

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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.

~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 Z97.1-2004 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.

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 Z97.1-2004	ANSI Z97.1-2004	ANSI Z97.1-2004
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 Z97.1-2004	ANSI Z97.1-2004
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 Z97.1-2004" or the characters "ANSI Z97.1-2004."
- 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 10/21/05)

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.

January 1, 2010

CLASSIFIED TEMPERED GLASS PATTERNS

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, 2010

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
12	Virginia Glass Products Corp.	1231	AGC Flat Glass North America	1576	Guardian Millbury Corp.
14	Virginia Glass Products Corp.	1232	AGC Flat Glass North America	1577	Guardian Millbury Corp.
24	AGC Flat Glass North America	1235	Guardian Webster, Inc.	1578	Milgard Tempering, Inc.
28	AGC Flat Glass North America	1248	Guardian Industries Corp.	1603	PPG Inds., Inc.
89	AGC Flat Glass North America	1249	Guardian Industries Corp.	1604	PPG Inds., Inc.
90	AGC Flat Glass North America	1250	Guardian Industries Corp.	1605	PPG Inds., Inc.
93	Virginia Glass Products Corp.	1251	Guardian Industries Corp.	1606	PPG Inds., Inc.
94	Virginia Glass Products Corp.	1253	Guardian Industries Corp.	1607	Guardian Webster, Inc.
95	Virginia Glass Products Corp.	1301	Guardian Industries Corp.	1608	Oldcastle BuildingEnvelope™
131	Guardian Industries Corp.	1303	Guardian Industries Corp.	1609	Oldcastle BuildingEnvelope™
220	AGC Flat Glass North America	1304	Guardian Industries Corp.	1616	Guardian Glass of Rogers Corp.
249	PPG Inds., Inc.	1332	SCHOTT Gemtron - Sweetwater	1630	Guardian Industries Corp.
250	PPG Inds., Inc.	1334	SCHOTT Gemtron - Sweetwater	1631	Guardian Industries Corp.
300	Guardian Webster, Inc.	1355	Guardian Glass of Rogers Corp.	1632	Guardian Industries Corp.
382	PPG Inds., Inc.	1356	Guardian Glass of Rogers Corp.	1633	Guardian Industries Corp.
400	Vitro America, Inc.	1357	Guardian Glass of Rogers Corp.	1634	Guardian Industries Corp.
402	Vitro America, Inc.	1358	Guardian Glass of Rogers Corp.	1635	Guardian Industries Corp.
471	Guardian Webster, Inc.	1359	Guardian Glass of Rogers Corp.	1637	Viracon, Inc.
514	Oldcastle BuildingEnvelope™	1382	Oldcastle BuildingEnvelope™	1642	Vitro America, Inc.
515	Oldcastle BuildingEnvelope™	1383	Oldcastle BuildingEnvelope™	1643	Vitro America, Inc.
516	Oldcastle BuildingEnvelope™	1384	Oldcastle BuildingEnvelope™	1644	Vitro America, Inc.
520	Anthony International	1390	AGC Flat Glass North America	1645	Vitro America, Inc.
587	AGC Flat Glass North America	1403	Viracon, Inc.	1677	Contour Industries, Inc.
598	AGC Flat Glass North America	1404	Viracon, Inc.	1678	Contour Industries, Inc.
630	Oldcastle BuildingEnvelope™	1405	AGC Flat Glass North America	1680	Contour Industries, Inc.
631	Guardian Industries Corp.	1406	AGC Flat Glass North America	1683	Guardian Industries Corp.
662	Guardian Webster, Inc.	1414	AGC Flat Glass North America	1702	AGC Flat Glass North America
675	PPG Inds., Inc.	1416	Nashville Tempered Glass Corp.	1703	AGC Flat Glass North America
862	Tempered Glass, Inc.	1417	Nashville Tempered Glass Corp.	1704	AGC Flat Glass North America
863	Tempered Glass, Inc.	1422	SCHOTT Gemtron - Sweetwater	1705	AGC Flat Glass North America
865	Tempered Glass, Inc.	1424	SCHOTT Gemtron - Sweetwater	1710	AGC Flat Glass North America
866	Tempered Glass, Inc.	1428	AGC Flat Glass North America	1711	AGC Flat Glass North America
933	Guardian Industries Corp.	1467	Nashville Tempered Glass Corp.	1712	AGC Flat Glass North America
934	Guardian Industries Corp.	1477	SCHOTT Gemtron - Sweetwater	1714	AGC Flat Glass North America
935	Oldcastle BuildingEnvelope™	1508	Viracon, Inc.	1728	Vitro America, Inc.
949	AGC Flat Glass North America	1509	Viracon, Inc.	1754	All Team Glass & Mirror, Ltd.
955	AGC Flat Glass North America	1518	AGC Flat Glass North America	1755	All Team Glass & Mirror, Ltd.
968	Guardian Industries Corp.	1520	AGC Flat Glass North America	1756	All Team Glass & Mirror, Ltd.
969	Guardian Industries Corp.	1521	AGC Flat Glass North America	1757	All Team Glass & Mirror, Ltd.
970	Guardian Industries Corp.	1522	AGC Flat Glass North America	1758	All Team Glass & Mirror, Ltd.
971	Guardian Industries Corp.	1523	AGC Flat Glass North America	1784	United Glass Corporation
999	Anthony International	1536	Oldcastle BuildingEnvelope™	1785	United Glass Corporation
1000	Anthony International	1546	Oldcastle BuildingEnvelope™	1786	United Glass Corporation
1035	Shaw Glass Co.	1547	Oldcastle BuildingEnvelope™	1787	United Glass Corporation
1036	Shaw Glass Co.	1548	Oldcastle BuildingEnvelope™	1788	United Glass Corporation
1037	Shaw Glass Co.	1549	Oldcastle BuildingEnvelope™	1790	United Glass Corporation
1107	Vitro America, Inc.	1550	Oldcastle BuildingEnvelope™	1803	Guardian Industries Corp.
1108	Vitro America, Inc.	1551	Oldcastle BuildingEnvelope™	1804	Cardinal TG
1110	PPG Inds., Inc.	1555	Swift Glass Co., Inc.	1805	Cardinal TG
1111	PPG Inds., Inc.	1556	Swift Glass Co., Inc.	1806	Cardinal TG
1112	PPG Inds., Inc.	1557	Swift Glass Co., Inc.	1807	Cardinal TG
1113	PPG Inds., Inc.	1558	Swift Glass Co., Inc.	1826	Guardian Industries Corp.
1139	AGC Flat Glass North America	1559	Swift Glass Co., Inc.	1827	Cardinal IG
1201	SCHOTT Gemtron - Sweetwater	1563	Anthony Temperbent, GP LLC	1828	Cardinal IG
1216	Guardian Webster, Inc.	1564	Anthony Temperbent, GP LLC	1829	Cardinal IG
1225	Vitro America, Inc.	1565	Anthony Temperbent, GP LLC	1830	Cardinal IG
1230	AGC Flat Glass North America	1575	Guardian Millbury Corp.	1831	Cardinal IG

July 1, 2010

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
1832	Cardinal IG	2009	Cardinal CG	2187	Glass, Inc.
1833	Cardinal IG	2010	Cardinal CG	2188	Glass, Inc.
1834	Cardinal IG	2011	Cardinal CG	2189	Glass, Inc.
1841	Cardinal IG	2012	Cardinal CG	2190	Glass, Inc.
1842	Cardinal IG	2013	Cardinal CG	2193	Glass, Inc.
1843	Cardinal IG	2015	Prelco, Inc.	2197	AGC Flat Glass North America
1844	Cardinal IG	2020	Guardian Industries Corp.	2198	AGC Flat Glass North America
1845	Cardinal IG	2021	Guardian Industries Corp.	2199	AGC Flat Glass North America
1846	Cardinal IG	2022	Guardian Industries Corp.	2200	AGC Flat Glass North America
1864	Saint-Gobain SOVIS	2023	Guardian Industries Corp.	2203	Cardinal IG
1865	Guardian Industries Corp.	2024	Guardian Industries Corp.	2204	Cardinal IG
1871	Shaw Glass Co.	2032	Cameron Glass, Inc.	2205	Cardinal IG
1882	Guardian Industries Corp.	2033	Cameron Glass, Inc.	2206	AGC Flat Glass North America
1889	Commercial Insulating Glass Co.	2034	Prelco, Inc.	2210	Oldcastle BuildingEnvelope™
1890	Commercial Insulating Glass Co.	2035	Prelco, Inc.	2211	Oldcastle BuildingEnvelope™
1891	Commercial Insulating Glass Co.	2048	Prelco, Inc.	2212	Oldcastle BuildingEnvelope™
1901	Efco Corp.	2050	Intigral	2213	Oldcastle BuildingEnvelope™
1902	Efco Corp.	2051	Intigral	2214	Oldcastle BuildingEnvelope™
1910	Coral Industries	2052	Intigral	2215	Oldcastle BuildingEnvelope™
1911	Coral Industries	2053	Oldcastle BuildingEnvelope™	2216	Oldcastle BuildingEnvelope™
1919	Vitro America, Inc.	2054	AGC Flat Glass North America	2217	United Glass Corporation
1921	Cardinal CG	2055	Intigral	2218	United Glass Corporation
1922	Cardinal CG	2056	Patio Enclosures, Inc.	2219	United Glass Corporation
1923	Cardinal CG	2057	Patio Enclosures, Inc.	2226	GGI Glass Distributors Corp.
1924	Cardinal CG	2058	Patio Enclosures, Inc.	2227	GGI Glass Distributors Corp.
1939	Shaw Glass Co.	2062	Oldcastle BuildingEnvelope™	2228	GGI Glass Distributors Corp.
1957	AGC Flat Glass North America	2063	Oldcastle BuildingEnvelope™	2231	Cardinal IG
1958	AGC Flat Glass North America	2067	Cardinal CG	2232	Cardinal IG
1959	AGC Flat Glass North America	2068	Cardinal CG	2233	Cardinal IG
1964	Coral Industries	2069	Cardinal CG	2234	Cardinal IG
1967	AGC Flat Glass North America	2070	Cardinal CG	2235	Cardinal IG
1979	Kohler Company	2071	Cardinal CG	2248	Saint-Gobain SOVIS
1980	Kohler Company	2074	Oldcastle BuildingEnvelope™	2249	AGC Flat Glass North America
1981	Kohler Company	2077	Vitro America, Inc.	2259	Guardian Industries Corp.
1982	Kohler Company	2133	Tecnoglass S.A.	2260	Guardian Industries Corp.
1983	Kohler Company	2134	Tecnoglass S.A.	2261	Guardian Industries Corp.
1984	Kohler Company	2135	Tecnoglass S.A.	2262	Guardian Industries Corp.
1985	Cardinal CG	2141	Guardian Walled Lake Fabrication Inc.	2267	Saint Gobain Mexico, S.A. de C.V.
1986	Cardinal CG			2269	Saint Gobain Mexico, S.A. de C.V.
1987	Cardinal CG	2142	Guardian Walled Lake Fabrication Inc.	2282	GGI Glass Distributors Corp.
1988	Cardinal CG			2285	Cardinal IG
1990	Berkowitz, J.E.	2143	Efco Corp.	2286	Cardinal IG
1991	Berkowitz, J.E.	2144	Coral Industries	2287	Tecnoglass S.A.
1992	Saint-Gobain SOVIS	2145	Coral Industries	2289	Anthony International
1993	Tecnoglass S.A.	2146	Cardinal CG	2293	Cardinal CG
1994	Tecnoglass S.A.	2148	Cardinal CG	2294	Cardinal CG
1995	Tecnoglass S.A.	2157	United Glass Corporation	2295	Cardinal CG
1996	Oldcastle BuildingEnvelope™	2158	United Glass Corporation	2296	Cardinal CG
1997	Oldcastle BuildingEnvelope™	2159	United Glass Corporation	2302	Virginia Glass Products Corp.
1998	Consolidated Glass Corp.	2160	AGC Flat Glass North America	2305	Sovis North America, Inc.
1999	Consolidated Glass Corp.	2176	Cardinal IG	2306	Sovis North America, Inc.
2002	Consolidated Glass Corp.	2177	Cardinal IG	2307	Sovis North America, Inc.
2003	Consolidated Glass Corp.	2178	Cardinal IG	2308	Oldcastle BuildingEnvelope™
2004	Consolidated Glass Corp.	2179	Cardinal IG	2310	Viracon, Inc.
2005	Consolidated Glass Corp.	2182	Virginia Glass Products Corp.	2311	Viracon, Inc.
2007	Cardinal CG	2185	Glass, Inc.	2314	Viracon, Inc.
2008	Cardinal CG	2186	Glass, Inc.	2317	Cardinal IG

July 1, 2010

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2318	Cardinal IG	2479	AGC Flat Glass North America	2657	Syracuse Glass Company
2319	Cardinal IG	2480	AGC Flat Glass North America	2660	Downey Glass Industries, LLC
2320	Cardinal IG	2481	Triple Seal Ltd.	2661	Downey Glass Industries, LLC
2321	Cardinal IG	2482	Triple Seal Ltd.	2662	Downey Glass Industries, LLC
2322	Cardinal IG	2484	Triple Seal Ltd.	2663	Downey Glass Industries, LLC
2323	Cardinal IG	2488	Traco (Three Rivers Alum)	2664	Downey Glass Industries, LLC
2328	Cardinal IG	2489	Traco (Three Rivers Alum)	2665	Downey Glass Industries, LLC
2329	Cardinal IG	2490	Traco (Three Rivers Alum)	2666	AGC Flat Glass North America
2330	Cardinal IG	2494	Nashville Tempered Glass Corp.	2667	Guardian Industries Corp.
2331	Cardinal IG	2497	Nashville Tempered Glass Corp.	2668	Guardian Industries Corp.
2332	Saint Gobain Mexico, S.A. de C.V.	2498	Multiver	2678	Traco (Three Rivers Alum)
2352	Sovis North America, Inc.	2499	Multiver	2679	Anthony Temperbent, GP LLC
2353	Sovis North America, Inc.	2501	Cameron Glass, Inc.	2680	Anthony Temperbent, GP LLC
2354	Consolidated Glass Corp.	2507	AGC Flat Glass North America	2681	Anthony Temperbent, GP LLC
2355	Consolidated Glass Corp.	2509	AGC Flat Glass North America	2682	Anthony Temperbent, GP LLC
2357	Cardinal CG	2510	AGC Flat Glass North America	2683	United Plate Glass Co., Inc.
2358	Cardinal CG	2519	Guardian Industries Corp.	2684	Spec-Temp, Inc.
2359	Cardinal CG	2521	AGC Flat Glass North America	2685	Spec-Temp, Inc.
2360	Cardinal CG	2522	AGC Flat Glass North America	2686	Spec-Temp, Inc.
2365	Tecnoglass S.A.	2543	Oldcastle BuildingEnvelope™	2687	Spec-Temp, Inc.
2381	Prelco, Inc.	2544	Oldcastle BuildingEnvelope™	2688	Spec-Temp, Inc.
2382	Guardian Industries Corp.	2545	Guardian Industries Corp.	2689	Spec-Temp, Inc.
2389	PGT Industries	2547	Techni-Glass, Inc.	2691	Nashville Tempered Glass L.L.C.
2390	PGT Industries	2548	Techni-Glass, Inc.	2692	Nashville Tempered Glass L.L.C.
2391	PGT Industries	2549	Techni-Glass, Inc.	2693	Nashville Tempered Glass L.L.C.
2397	Cardinal IG	2550	Techni-Glass, Inc.	2694	Nashville Tempered Glass L.L.C.
2399	Cardinal IG	2566	Guardian Walled Lake Fabrication Inc.	2695	United Glass Corporation
2406	AGC Flat Glass North America	2567	Guardian Walled Lake Fabrication Inc.	2696	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB
2417	Nashville Tempered Glass Corp.			2698	Engineered Glass Products, L.L.C.
2418	Vitro America, Inc.	2569	Bendheim Wall Systems	2699	Cardinal CG
2420	Nashville Tempered Glass Corp.	2570	Bendheim Wall Systems	2700	Cardinal CG
2423	Vetzeria Valentini S.R.L.	2572	Intex Glass (Xiamen) Co., Ltd.	2701	Cardinal CG
2426	PGT Industries	2573	Intex Glass (Xiamen) Co., Ltd.	2702	Cardinal CG
2432	Changshu Zhongxin Bldg. Mat. Co.	2574	Intex Glass (Xiamen) Co., Ltd.	2705	Cardinal CG
2434	Kohler Company	2575	Intex Glass (Xiamen) Co., Ltd.	2709	Dong Sung Glass Korea, Co., Ltd.
2444	Goldray Industries Ltd.	2576	Intex Glass (Xiamen) Co., Ltd.	2713	Prelco, Inc.
2445	Goldray Industries Ltd.	2577	Intex Glass (Xiamen) Co., Ltd.	2714	Traco (Three Rivers Alum)
2446	Goldray Industries Ltd.	2578	Amsco Windows	2715	Traco (Three Rivers Alum)
2447	Goldray Industries Ltd.	2580	Amsco Windows	2716	Traco (Three Rivers Alum)
2448	Goldray Industries Ltd.	2581	Amsco Windows	2719	Traco (Three Rivers Alum)
2449	Goldray Industries Ltd.	2582	Amsco Windows	2720	Laurier Glass Ltd.
2451	Guardian Webster, Inc.	2583	Amsco Windows	2721	Laurier Glass Ltd.
2453	Sovis North America, Inc.	2584	Amsco Windows	2727	Sovis North America, Inc.
2455	Cameron Glass, Inc.	2589	Engineered Glass Products, L.L.C.	2728	Glass Dynamics, Inc.
2458	Guardian Industries Corp.	2590	Engineered Glass Products, L.L.C.	2729	Glass Dynamics, Inc.
2459	Guardian Industries Corp.	2592	AGC Flat Glass North America	2730	Glass Dynamics, Inc.
2460	Guardian Industries Corp.	2603	Guardian Webster, Inc.	2731	Glass Dynamics, Inc.
2462	Cardinal LG	2616	Guardian Millbury Corp.	2732	Glass Dynamics, Inc.
2467	United Plate Glass Co., Inc.	2629	Multiver	2733	Glass Dynamics, Inc.
2468	United Plate Glass Co., Inc.	2644	Coral Industries	2734	Glass Dynamics, Inc.
2469	United Plate Glass Co., Inc.	2646	Berkowitz, J.E.	2743	Saint Gobain Mexico, S.A. de C.V.
2470	United Plate Glass Co., Inc.	2647	Berkowitz, J.E.	2746	Vitro America, Inc.
2471	United Plate Glass Co., Inc.	2648	Vitro America, Inc.	2748	Traco (Three Rivers Alum)
2472	United Plate Glass Co., Inc.	2649	Guardian Industries Corp.	2751	Prelco, Inc.
2473	United Plate Glass Co., Inc.	2654	Syracuse Glass Company	2752	PT Surya Adhitia Fortuna Glass c/o Vetro Inc.
2474	United Plate Glass Co., Inc.	2656	Syracuse Glass Company		
2475	United Plate Glass Co., Inc.				

July 1, 2010

Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
2761	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2881	Cardinal CG	2969	Quaker Window Products, Inc.
2762	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2884	Oldcastle BuildingEnvelope™	2970	Quaker Window Products, Inc.
2763	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2885	Oldcastle BuildingEnvelope™	2974	Qinhuangdao Jixiang Glass Industry
2766	United Glass Corporation	2887	Simonton Windows	2975	Techni-Glass, Inc.
2768	AGC Flat Glass North America	2888	Simonton Windows	2976	Cardinal LG
2769	Saint-Gobain SOVIS	2889	TianJin Dong Sung Home Building Materials Co. Ltd.	2980	AGC Flat Glass North America
2770	Saint-Gobain SOVIS	2890	TianJin Dong Sung Home Building Materials Co. Ltd.	2981	Quality Glass & Mirror, Inc.
2777	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2894	Tecnoglass S.A.	2982	Quality Glass & Mirror, Inc.
2778	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2898	Vetreteria Valentini S.R.L.	2983	Quality Glass & Mirror, Inc.
2779	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2899	AGC Flat Glass North America	2984	Quality Glass & Mirror, Inc.
2780	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2900	AGC Flat Glass North America	2985	Quaker Window Products, Inc.
2785	Arch Aluminum & Glass Co, Inc.	2901	AGC Flat Glass North America	2986	Quaker Window Products, Inc.
2786	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	2902	AGC Flat Glass North America	2987	Changshu Hard Glass Co., Ltd.
2787	Vitro America, Inc.	2903	AGC Flat Glass North America	2988	Changshu Hard Glass Co., Ltd.
2788	Vitro America, Inc.	2904	Changshu Hard Glass Co., Ltd.	2999	AGC Flat Glass North America
2789	Vitro America, Inc.	2909	Cardinal FG	3001	Shaw Glass Co.
2790	All Team Glass & Mirror, Ltd.	2910	Cardinal FG	3002	Guardian Industries Corp.
2791	Desert Glass Products	2911	Cardinal FG	3003	Guardian Industries Corp.
2793	Desert Glass Products	2912	Cardinal FG	3004	Cardinal FG
2795	Desert Glass Products	2913	AGC Flat Glass North America	3006	AGC Flat Glass North America
2797	Desert Glass Products	2914	AGC Flat Glass North America	3007	AGC Flat Glass North America
2798	Desert Glass Products	2915	AGC Flat Glass North America	3008	AGC Flat Glass North America
2799	Desert Glass Products	2916	AGC Flat Glass North America	3009	AGC Flat Glass North America
2800	Desert Glass Products	2917	AGC Flat Glass North America	3010	AGC Flat Glass North America
2801	Guardian Industries Canada Corp.	2918	Kohler Company	3011	AGC Flat Glass North America
2802	Guardian Industries Canada Corp.	2919	Cardinal IG	3015	Patio Enclosures, Inc.
2803	Guardian Industries Canada Corp.	2920	Cardinal IG	3017	Dlubak Corporation
2804	Guardian Industries Canada Corp.	2921	Cardinal IG	3018	Dlubak Corporation
2805	Guardian Industries Canada Corp.	2922	Cardinal IG	3019	Dlubak Corporation
2806	Guardian Industries Canada Corp.	2923	Cardinal IG	3021	Dlubak Corporation
2808	Guardian Industries Canada Corp.	2924	Cardinal IG	3023	Triple Seal Ltd.
2831	Cardinal IG	2928	GGI Glass Distributors Corp.	3024	Guardian Webster, Inc.
2832	Cardinal IG	2932	Haida Safety Glass Ltd.	3025	Intex Glass (Xiamen) Co., Ltd.
2833	Cardinal IG	2933	Haida Safety Glass Ltd.	3026	AGC Flat Glass North America
2834	Cardinal IG	2934	Haida Safety Glass Ltd.	3027	Sovis North America, Inc.
2840	Vitro America, Inc.	2935	Haida Safety Glass Ltd.	3028	SIGCO, Inc.
2842	Milgard Tempering	2936	Haida Safety Glass Ltd.	3036	Haida Safety Glass Ltd.
2850	Eckelt Glas GmbH	2944	Coral Industries	3037	Haida Safety Glass Ltd.
2851	Eckelt Glas GmbH	2945	Coral Industries	3038	Haida Safety Glass Ltd.
2852	Eckelt Glas GmbH	2951	SCHOTT Gemtron - Vincennes	3039	American Shower Door
2853	Eckelt Glas GmbH	2954	Cardinal CG	3040	American Shower Door
2854	Eckelt Glas GmbH	2955	Cardinal CG	3041	American Shower Door
2855	Eckelt Glas GmbH	2956	Cardinal CG	3042	American Shower Door
2857	Cardinal IG	2957	Syracuse Glass Company	3043	American Shower Door
2858	Cardinal IG	2958	Syracuse Glass Company	3053	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
2859	Cardinal IG	2959	Tempered Glass, Inc.	3054	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
2876	Cardinal CG	2960	Tempered Glass, Inc.	3055	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
2878	Cardinal CG	2961	SIGCO, Inc.	3056	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
2879	Cardinal CG	2962	SIGCO, Inc.	3060	Techni-Glass, Inc.
2880	Cardinal CG	2963	SIGCO, Inc.	3061	Techni-Glass, Inc.
		2964	SIGCO, Inc.	3062	Techni-Glass, Inc.
		2965	SIGCO, Inc.	3067	SCHOTT Gemtron (Canada) Corporation
		2966	SIGCO, Inc.	3068	Cardinal IG
		2967	SIGCO, Inc.		
		2968	Quaker Window Products, Inc.		

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3069	Cardinal IG	3132	Oldcastle BuildingEnvelope™	3192	Oldcastle BuildingEnvelope™
3070	Cardinal IG	3133	Oldcastle BuildingEnvelope™	3193	Oldcastle BuildingEnvelope™
3071	Cardinal IG	3134	Oldcastle BuildingEnvelope™	3194	Oldcastle BuildingEnvelope™
3072	Cardinal IG	3135	Oldcastle BuildingEnvelope™	3195	Oldcastle BuildingEnvelope™
3073	Cardinal IG	3136	Oldcastle BuildingEnvelope™	3196	Oldcastle BuildingEnvelope™
3074	Viwinco, Inc.	3137	Oldcastle BuildingEnvelope™	3197	Oldcastle BuildingEnvelope™
3076	Anlin Industries	3138	Oldcastle BuildingEnvelope™	3199	Oldcastle BuildingEnvelope™
3077	Anlin Industries	3139	Oldcastle BuildingEnvelope™	3200	Oldcastle BuildingEnvelope™
3078	Anlin Industries	3140	Oldcastle BuildingEnvelope™	3201	Oldcastle BuildingEnvelope™
3079	Anlin Industries	3141	Oldcastle BuildingEnvelope™	3203	Oldcastle BuildingEnvelope™
3081	AGC Flat Glass North America	3142	Oldcastle BuildingEnvelope™	3219	Oldcastle BuildingEnvelope™
3082	AGC Flat Glass North America	3143	Oldcastle BuildingEnvelope™	3220	Oldcastle BuildingEnvelope™
3085	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3144	Oldcastle BuildingEnvelope™	3221	Oldcastle BuildingEnvelope™
3086	Chicago Tempered Glass, Inc.	3145	Oldcastle BuildingEnvelope™	3222	Oldcastle BuildingEnvelope™
3087	Chicago Tempered Glass, Inc.	3146	Oldcastle BuildingEnvelope™	3223	Oldcastle BuildingEnvelope™
3088	Chicago Tempered Glass, Inc.	3147	Oldcastle BuildingEnvelope™	3224	Oldcastle BuildingEnvelope™
3089	Chicago Tempered Glass, Inc.	3148	Oldcastle BuildingEnvelope™	3225	Oldcastle BuildingEnvelope™
3090	Chicago Tempered Glass, Inc.	3149	Oldcastle BuildingEnvelope™	3226	Oldcastle BuildingEnvelope™
3090	Chicago Tempered Glass, Inc.	3152	Oldcastle BuildingEnvelope™	3227	Oldcastle BuildingEnvelope™
3091	AGC Flat Glass North America	3153	Oldcastle BuildingEnvelope™	3228	Oldcastle BuildingEnvelope™
3092	QBP Co., Ltd.	3154	Oldcastle BuildingEnvelope™	3229	Oldcastle BuildingEnvelope™
3094	TianJin Dong Sung Home Building Materials Co. Ltd.	3155	Oldcastle BuildingEnvelope™	3230	Oldcastle BuildingEnvelope™
3095	Oldcastle BuildingEnvelope™	3156	Oldcastle BuildingEnvelope™	3233	Oldcastle BuildingEnvelope™
3096	Oldcastle BuildingEnvelope™	3157	Oldcastle BuildingEnvelope™	3234	Oldcastle BuildingEnvelope™
3097	Oldcastle BuildingEnvelope™	3158	Oldcastle BuildingEnvelope™	3235	Oldcastle BuildingEnvelope™
3098	Oldcastle BuildingEnvelope™	3159	Oldcastle BuildingEnvelope™	3236	Oldcastle BuildingEnvelope™
3099	Oldcastle BuildingEnvelope™	3160	Oldcastle BuildingEnvelope™	3237	Oldcastle BuildingEnvelope™
3100	Oldcastle BuildingEnvelope™	3161	Oldcastle BuildingEnvelope™	3238	Oldcastle BuildingEnvelope™
3101	Oldcastle BuildingEnvelope™	3163	Oldcastle BuildingEnvelope™	3239	Oldcastle BuildingEnvelope™
3102	Oldcastle BuildingEnvelope™	3164	Oldcastle BuildingEnvelope™	3240	Oldcastle BuildingEnvelope™
3103	Oldcastle BuildingEnvelope™	3165	Oldcastle BuildingEnvelope™	3241	Oldcastle BuildingEnvelope™
3104	Oldcastle BuildingEnvelope™	3166	Oldcastle BuildingEnvelope™	3242	Oldcastle BuildingEnvelope™
3105	Oldcastle BuildingEnvelope™	3167	Oldcastle BuildingEnvelope™	3243	Oldcastle BuildingEnvelope™
3106	Oldcastle BuildingEnvelope™	3168	Oldcastle BuildingEnvelope™	3244	Oldcastle BuildingEnvelope™
3107	Oldcastle BuildingEnvelope™	3169	Oldcastle BuildingEnvelope™	3245	Oldcastle BuildingEnvelope™
3108	Oldcastle BuildingEnvelope™	3170	Oldcastle BuildingEnvelope™	3249	Sovis North America, Inc.
3109	Oldcastle BuildingEnvelope™	3171	Oldcastle BuildingEnvelope™	3250	Oldcastle BuildingEnvelope™
3110	Oldcastle BuildingEnvelope™	3172	Oldcastle BuildingEnvelope™	3251	Oldcastle BuildingEnvelope™
3111	Oldcastle BuildingEnvelope™	3173	Oldcastle BuildingEnvelope™	3252	Oldcastle BuildingEnvelope™
3112	Oldcastle BuildingEnvelope™	3174	Oldcastle BuildingEnvelope™	3253	Oldcastle BuildingEnvelope™
3113	Oldcastle BuildingEnvelope™	3175	Oldcastle BuildingEnvelope™	3254	Oldcastle BuildingEnvelope™
3114	Oldcastle BuildingEnvelope™	3176	Oldcastle BuildingEnvelope™	3255	Oldcastle BuildingEnvelope™
3115	Cardinal IG	3177	Oldcastle BuildingEnvelope™	3256	Oldcastle BuildingEnvelope™
3116	Oldcastle BuildingEnvelope™	3178	Oldcastle BuildingEnvelope™	3257	Oldcastle BuildingEnvelope™
3118	Oldcastle BuildingEnvelope™	3179	Oldcastle BuildingEnvelope™	3258	Oldcastle BuildingEnvelope™
3119	Oldcastle BuildingEnvelope™	3180	Oldcastle BuildingEnvelope™	3259	Oldcastle BuildingEnvelope™
3120	Oldcastle BuildingEnvelope™	3181	Oldcastle BuildingEnvelope™	3261	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)
3121	Oldcastle BuildingEnvelope™	3182	Oldcastle BuildingEnvelope™	3262	Oldcastle BuildingEnvelope™
3122	Oldcastle BuildingEnvelope™	3183	Oldcastle BuildingEnvelope™	3263	Oldcastle BuildingEnvelope™
3124	Oldcastle BuildingEnvelope™	3184	Oldcastle BuildingEnvelope™	3264	Oldcastle BuildingEnvelope™
3125	Oldcastle BuildingEnvelope™	3185	Oldcastle BuildingEnvelope™	3265	Oldcastle BuildingEnvelope™
3127	Oldcastle BuildingEnvelope™	3186	Oldcastle BuildingEnvelope™	3266	Oldcastle BuildingEnvelope™
3128	Oldcastle BuildingEnvelope™	3187	Oldcastle BuildingEnvelope™	3267	Oldcastle BuildingEnvelope™
3129	Oldcastle BuildingEnvelope™	3188	Oldcastle BuildingEnvelope™	3268	Oldcastle BuildingEnvelope™
3130	Oldcastle BuildingEnvelope™	3189	Oldcastle BuildingEnvelope™	3269	Oldcastle BuildingEnvelope™
3131	Oldcastle BuildingEnvelope™	3190	Oldcastle BuildingEnvelope™	3270	Oldcastle BuildingEnvelope™
		3191	Oldcastle BuildingEnvelope™		

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Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3271	Oldcastle BuildingEnvelope™	3386	Industrial Tempering Glass	3495	United Glass Corporation
3272	Oldcastle BuildingEnvelope™	3387	Industrial Tempering Glass	3496	Oldcastle BuildingEnvelope™
3273	Oldcastle BuildingEnvelope™	3405	Viwinco, Inc.	3497	Oldcastle BuildingEnvelope™
3274	Oldcastle BuildingEnvelope™	3406	Viwinco, Inc.	3498	Oldcastle BuildingEnvelope™
3275	Oldcastle BuildingEnvelope™	3407	Arch Deco Glass	3499	Oldcastle BuildingEnvelope™
3276	Oldcastle BuildingEnvelope™	3408	Viwinco, Inc.	3500	Oldcastle BuildingEnvelope™
3277	Oldcastle BuildingEnvelope™	3418	Industrial Tempering Glass	3501	Oldcastle BuildingEnvelope™
3278	Oldcastle BuildingEnvelope™	3419	Industrial Tempering Glass	3502	Oldcastle BuildingEnvelope™
3279	Oldcastle BuildingEnvelope™	3420	Coral Industries	3503	Oldcastle BuildingEnvelope™
3280	Oldcastle BuildingEnvelope™	3421	AGC Flat Glass North America	3505	Cardinal LG
3281	Oldcastle BuildingEnvelope™	3425	Oldcastle BuildingEnvelope™	3506	Cardinal LG
3283	Oldcastle BuildingEnvelope™	3426	Oldcastle BuildingEnvelope™	3507	Cardinal LG
3284	Oldcastle BuildingEnvelope™	3427	Oldcastle BuildingEnvelope™	3508	Cardinal LG
3285	Oldcastle BuildingEnvelope™	3428	Oldcastle BuildingEnvelope™	3509	Cardinal LG
3286	Oldcastle BuildingEnvelope™	3430	Arch Aluminum & Glass Co. Inc.	3510	Cardinal LG
3287	Oldcastle BuildingEnvelope™	3431	TianJin Dong Sung Home Building Materials Co. Ltd.	3514	PGT Industries
3288	Oldcastle BuildingEnvelope™			3515	PGT Industries
3289	Oldcastle BuildingEnvelope™	3439	Oldcastle BuildingEnvelope™	3516	PGT Industries
3290	Oldcastle BuildingEnvelope™	3440	Oldcastle BuildingEnvelope™	3519	PGT Industries
3291	Oldcastle BuildingEnvelope™	3441	Oldcastle BuildingEnvelope™	3522	PGT Industries
3292	Oldcastle BuildingEnvelope™	3442	Oldcastle BuildingEnvelope™	3532	Kohler Company
3293	Oldcastle BuildingEnvelope™	3443	Oldcastle BuildingEnvelope™	3536	Arch Aluminum & Glass Co. Inc.
3294	Oldcastle BuildingEnvelope™	3444	Oldcastle BuildingEnvelope™	3538	PFG Industries
3295	Oldcastle BuildingEnvelope™	3445	Oldcastle BuildingEnvelope™	3539	PFG Industries
3296	Oldcastle BuildingEnvelope™	3446	Oldcastle BuildingEnvelope™	3540	PFG Industries
3297	Oldcastle BuildingEnvelope™	3447	Oldcastle BuildingEnvelope™	3541	PFG Industries
3299	Viracon, Inc.	3448	Oldcastle BuildingEnvelope™	3542	PFG Industries
3310	Oldcastle BuildingEnvelope™	3453	Glass Design of Miami, Inc.	3543	PFG Industries
3311	Oldcastle BuildingEnvelope™	3454	Glass Design of Miami, Inc.	3544	PFG Industries
3312	Oldcastle BuildingEnvelope™	3455	Cardinal TG	3547	PFG Industries
3313	Oldcastle BuildingEnvelope™	3456	Cardinal TG	3548	PFG Industries
3314	Oldcastle BuildingEnvelope™	3458	Cardinal TG	3549	PFG Industries
3315	Oldcastle BuildingEnvelope™	3459	Cardinal TG	3553	AGC Flat Glass North America
3317	Oldcastle BuildingEnvelope™	3460	TianJin Dong Sung Home Building Materials Co. Ltd.	3554	Tempered Glass, Inc.
3318	Oldcastle BuildingEnvelope™			3555	Cardinal CG
3319	Oldcastle BuildingEnvelope™	3461	Arch Aluminum & Glass Co., Inc.	3556	Al Abbar Architectural Glass
3320	Oldcastle BuildingEnvelope™	3462	Oldcastle BuildingEnvelope™	3557	Al Abbar Architectural Glass
3321	Oldcastle BuildingEnvelope™	3464	Contractors Wardrobe	3558	Al Abbar Architectural Glass
3326	AGC Flat Glass North America	3465	Contractors Wardrobe	3560	Al Abbar Architectural Glass
3327	AGC Flat Glass North America	3466	Contractors Wardrobe	3561	Oldcastle BuildingEnvelope™
3329	Oldcastle BuildingEnvelope™	3467	Contractors Wardrobe	3567	AVIC Sanxin Co. Ltd.
3330	Oldcastle BuildingEnvelope™	3469	Contractors Wardrobe	3568	AVIC Sanxin Co. Ltd.
3331	Oldcastle BuildingEnvelope™	3470	Contractors Wardrobe	3569	AVIC Sanxin Co. Ltd.
3332	Oldcastle BuildingEnvelope™	3472	Contractors Wardrobe	3570	AVIC Sanxin Co. Ltd.
3333	Oldcastle BuildingEnvelope™	3473	Contractors Wardrobe	3571	AVIC Sanxin Co. Ltd.
3334	Oldcastle BuildingEnvelope™	3474	Contractors Wardrobe	3572	AVIC Sanxin Co. Ltd.
3335	Oldcastle BuildingEnvelope™	3475	Contractors Wardrobe	3573	AVIC Sanxin Co. Ltd.
3336	Oldcastle BuildingEnvelope™	3476	Contractors Wardrobe	3577	PPG Inds., Inc.
3337	Oldcastle BuildingEnvelope™	3477	Contractors Wardrobe	3578	PPG Inds., Inc.
3338	Oldcastle BuildingEnvelope™	3479	Saint Gobain Mexico, S.A. de C.V.	3579	Cardinal CG
3339	Oldcastle BuildingEnvelope™	3482	PGT Industries	3580	Cardinal CG
3340	Oldcastle BuildingEnvelope™	3485	Quaker Window Products, Inc.	3581	Cardinal CG
3358	Spec-Temp, Inc.	3486	Quaker Window Products, Inc.	3582	Arlene Stained Glass & Door
3360	Anlin Industries	3487	Downey Glass Industries, LLC	3583	Arlene Stained Glass & Door
3369	Simonton Windows	3488	Downey Glass Industries, LLC	3584	Arlene Stained Glass & Door
3370	Simonton Windows	3489	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3585	Arlene Stained Glass & Door
3384	Simonton Windows	3492	Oldcastle BuildingEnvelope™	3593	Oldcastle BuildingEnvelope™

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3594	Oldcastle BuildingEnvelope™	3711	PFG Industries	3822	Flat Glass Distributors, Inc.
3595	Oldcastle BuildingEnvelope™	3714	Insulite Glass Co., Inc.	3823	Flat Glass Distributors, Inc.
3596	Oldcastle BuildingEnvelope™	3715	Insulite Glass Co., Inc.	3824	Flat Glass Distributors, Inc.
3597	Oldcastle BuildingEnvelope™	3716	Insulite Glass Co., Inc.	3825	Flat Glass Distributors, Inc.
3598	Oldcastle BuildingEnvelope™	3717	Insulite Glass Co., Inc.	3826	Flat Glass Distributors, Inc.
3599	Cardinal CG	3718	Insulite Glass Co., Inc.	3827	Flat Glass Distributors, Inc.
3601	Cardinal CG	3720	Insulite Glass Co., Inc.	3828	Flat Glass Distributors, Inc.
3602	Haida Safety Glass Ltd.	3723	Insulite Glass Co., Inc.	3829	Flat Glass Distributors, Inc.
3603	Arch Aluminum & Glass	3729	Oldcastle BuildingEnvelope™	3830	Flat Glass Distributors, Inc.
3604	Guardian Webster, Inc.	3730	Qinhuangdao Kunping Safety Glass Co. Ltd.	3833	GlassDepot, LLC
3605	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	3736	Yao Xiang Glass Product Co. Ltd.	3834	GlassDepot, LLC
3607	Glass Design of Miami, Inc.	3737	Yao Xiang Glass Product Co. Ltd.	3835	GlassDepot, LLC
3608	Guardian Industries Canada Corp.	3738	Yao Xiang Glass Product Co. Ltd.	3836	GlassDepot, LLC
3619	Cardinal IG	3739	Yao Xiang Glass Product Co. Ltd.	3837	GlassDepot, LLC
3631	Intigral	3740	Yao Xiang Glass Product Co. Ltd.	3838	GlassDepot, LLC
3632	Intigral	3741	Yao Xiang Glass Product Co. Ltd.	3839	AGC Flat Glass North America
3635	Consolidated Glass Corp.	3742	Yao Xiang Glass Product Co. Ltd.	3841	Glenny Glass Co.
3636	SCHOTT Gemtron (Canada) Corporation	3743	Yao Xiang Glass Product Co. Ltd.	3843	Glenny Glass Co.
3637	SCHOTT Gemtron (Canada) Corporation	3744	AGC Flat Glass North America	3844	Glenny Glass Co.
3643	QBP Co., Ltd.	3745	Ready Glass & Mirror, Inc.	3845	Glenny Glass Co.
3645	AGC Flat Glass North America	3746	Ready Glass & Mirror, Inc.	3846	Glenny Glass Co.
3646	AGC Flat Glass North America	3747	Ready Glass & Mirror, Inc.	3852	MLC Windows & Glass
3647	AGC Flat Glass North America	3748	Ready Glass & Mirror, Inc.	3853	MLC Windows & Glass
3648	AGC Flat Glass North America	3749	Berkowitz, J.E.	3854	MLC Windows & Glass
3649	Northwest Glass	3750	Berkowitz, J.E.	3855	MLC Windows & Glass
3650	Northwest Glass	3753	Oldcastle BuildingEnvelope™	3856	Dalian Huaying Glass Products Co., Ltd.
3651	Northwest Glass	3760	Architectural Glass Industries, LLC	3857	GGI Glass Distributors Corp.
3652	Northwest Glass	3761	Architectural Glass Industries, LLC	3858	GGI Glass Distributors Corp.
3653	Northwest Glass	3762	Architectural Glass Industries, LLC	3859	Insulated Glass of America
3655	Northwest Glass	3768	AGC Flat Glass North America	3860	Insulated Glass of America
3656	All Team Glass & Mirror, Ltd.	3785	AGC Flat Glass North America	3861	Insulated Glass of America
3659	SCHOTT Gemtron (Canada) Corporation	3786	AGC Flat Glass North America	3862	Insulated Glass of America
3660	Qinhuangdao Jixiang Glass Industry	3787	Tai Shan City Da Heng Art Glass Ltd.	3863	Insulated Glass of America
3661	Galaxy Glass & Stone	3788	Tai Shan City Da Heng Art Glass Ltd.	3864	Insulated Glass of America
3663	AGC Flat Glass North America	3789	Tai Shan City Da Heng Art Glass Ltd.	3865	Denver Glass Interiors, Inc.
3664	Changshu Xingfu Glass Building Material Co., LTD	3790	Tai Shan City Da Heng Art Glass Ltd.	3866	Denver Glass Interiors, Inc.
3671	Oldcastle BuildingEnvelope™	3793	Oldcastle BuildingEnvelope™	3867	Denver Glass Interiors, Inc.
3672	Guardian Industries Corp.	3796	Oldcastle BuildingEnvelope™	3868	Denver Glass Interiors, Inc.
3673	Guardian Industries Corp.	3803	Changshu Xingfu Glass Building Material Co., LTD	3871	Cardinal Tempering
3677	AGC Flat Glass North America	3805	Quality Glass & Mirror, Inc.	3872	Cardinal Tempering
3689	Viracon, Inc.	3806	Commercial Insulating Glass Co.	3873	Cardinal Tempering
3690	QinHuangDao Tianrui Tempered Technology Glass Co.	3807	Commercial Insulating Glass Co.	3874	Cardinal Tempering
3698	AGC Flat Glass North America	3808	Commercial Insulating Glass Co.	3875	Cardinal Tempering
3699	Dallas Flat Glass Distributors, Inc.	3810	Addis Glass Fabricating Inc.	3880	PGT Industries
3700	Dallas Flat Glass Distributors, Inc.	3811	Addis Glass Fabricating Inc.	3881	PGT Industries
3701	Dallas Flat Glass Distributors, Inc.	3812	Addis Glass Fabricating Inc.	3886	Taiwan Glass Industry Corporation
3705	AGC Flat Glass North America	3814	AGC Flat Glass North America	3887	Taiwan Glass Industry Corporation
3706	AGC Flat Glass North America	3815	AGC Flat Glass North America	3888	Taiwan Glass Industry Corporation
3707	AGC Flat Glass North America	3817	Coral Industries	3889	Taiwan Glass Industry Corporation
3708	AGC Flat Glass North America	3818	AGC Flat Glass North America	3890	Taiwan Glass Industry Corporation
3709	AGC Flat Glass North America	3819	AGC Flat Glass North America	3891	Taiwan Glass Industry Corporation
3710	AGC Flat Glass North America	3820	AGC Flat Glass North America	3892	Taiwan Glass Industry Corporation
				3893	Taiwan Glass Industry Corporation
				3905	PT Abebersa Pratama
				3906	PT Abebersa Pratama
				3907	Oldcastle BuildingEnvelope™

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<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
3912	Dillmeier Enterprise, Inc.	3958	JYC Glass Co. Ltd.	4033	General Glass
3913	Dillmeier Enterprise, Inc.	3959	JYC Glass Co. Ltd.	4034	General Glass
3914	Dillmeier Enterprise, Inc.	3960	JYC Glass Co. Ltd.	4035	TianJin Dong Sung Home Building Materials Co. Ltd.
3915	Dillmeier Enterprise, Inc.	3961	JYC Glass Co. Ltd.	4036	Viracon, Inc.
3916	Dillmeier Enterprise, Inc.	3962	JYC Glass Co. Ltd.	4037	Viracon, Inc.
3917	Dillmeier Enterprise, Inc.	3963	JYC Glass Co. Ltd.	4038	Viracon, Inc.
3918	Pennsylvania Insulating Glass	3970	GGI Glass Distributors Corp.	4039	Viracon, Inc.
3919	Pennsylvania Insulating Glass	3971	GGI Glass Distributors Corp.	4041	Vidrios Marte SA de CV
3924	Vitro America, Inc.	3972	GGI Glass Distributors Corp.	4042	Vidrios Marte SA de CV
3925	Vitro America, Inc.	3973	GGI Glass Distributors Corp.	4043	Vidrios Marte SA de CV
3926	Vitro America, Inc.	3974	GGI Glass Distributors Corp.	4044	Vidrios Marte SA de CV
3927	Vitro America, Inc.	3976	AI Abbar Architectural Glass	4046	AGC Flat Glass North America
3928	Vitro America, Inc.	3977	AI Abbar Architectural Glass	4047	Cardinal CG
3929	Vitro America, Inc.	3978	Southwest Glass Products Inc.	4048	WSD Glass, Inc.
3930	Vitro America, Inc.	3979	Southwest Glass Products Inc.	4049	WSD Glass, Inc.
3931	Vitro America, Inc.	3980	Southwest Glass Products Inc.	4050	WSD Glass, Inc.
3932	Dongguan CSG Architectural Glass Co., Ltd.	3981	Southwest Glass Products Inc.	4051	WSD Glass, Inc.
3933	Dongguan CSG Architectural Glass Co., Ltd.	3984	El Castillo VitroMart	4052	WSD Glass, Inc.
3934	Dongguan CSG Architectural Glass Co., Ltd.	3985	El Castillo VitroMart	4054	Oldcastle BuildingEnvelope™
3935	Dongguan CSG Architectural Glass Co., Ltd.	3986	El Castillo VitroMart	4055	Deqing Sanxing Plastic Chemical Co. Ltd.
3936	Dongguan CSG Architectural Glass Co., Ltd.	3987	El Castillo VitroMart	4056	Deqing Sanxing Plastic Chemical Co. Ltd.
3937	Dongguan CSG Architectural Glass Co., Ltd.	3988	El Castillo VitroMart	4057	Deqing Sanxing Plastic Chemical Co. Ltd.
3938	Dongguan CSG Architectural Glass Co., Ltd.	3991	JYC Glass Co. Ltd.	4058	Yao Xiang Glass Product Co. Ltd.
3939	Dongguan CSG Architectural Glass Co., Ltd.	3992	JYC Glass Co. Ltd.	4061	Troy Systems LLC
3941	Guangdong Golden Glass Technologies Limited	3993	JYC Glass Co. Ltd.	4062	Troy Systems LLC
3942	Guangdong Golden Glass Technologies Limited	3994	JYC Glass Co. Ltd.	4063	Troy Systems LLC
3943	Guangdong Golden Glass Technologies Limited	3999	Oldcastle BuildingEnvelope™	4065	Rochester Insulated Glass
3944	Guangdong Golden Glass Technologies Limited	4001	Oldcastle BuildingEnvelope™	4066	United Glass Corporation
3945	Guangdong Golden Glass Technologies Limited	4002	Custom Glass Products, Inc.	4067	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3946	Guangdong Golden Glass Technologies Limited	4003	Tecnoglass S.A.	4068	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3947	Guangdong Golden Glass Technologies Limited	4004	Tristar Glass Inc.	4069	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3948	United Plate Glass Company of Charlotte	4005	Tristar Glass Inc.	4070	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3949	United Plate Glass Company of Charlotte	4006	Tristar Glass Inc.	4071	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3950	United Plate Glass Company of Charlotte	4007	Tristar Glass Inc.	4072	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3951	United Plate Glass Company of Charlotte	4008	Tristar Glass Inc.	4073	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3952	United Plate Glass Company of Charlotte	4009	Tristar Glass Inc.	4074	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE
3954	United Plate Glass Company of Charlotte	4010	Tristar Glass Inc.	4075	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
3955	United Plate Glass Company of Charlotte	4011	Tristar Glass Inc.	4076	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
3957	JYC Glass Co. Ltd.	4012	Kohler Company	4077	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
		4021	Tianjin CSG Architectural Glass Co., LTD.	4078	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
		4022	Tianjin CSG Architectural Glass Co., LTD.	4079	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
		4023	Tianjin CSG Architectural Glass Co., LTD.	4080	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE
		4024	Tianjin CSG Architectural Glass Co., LTD.		
		4025	Tianjin CSG Architectural Glass Co., LTD.		
		4026	Tianjin CSG Architectural Glass Co., LTD.		
		4027	Tianjin CSG Architectural Glass Co., LTD.		
		4028	Tianjin CSG Architectural Glass Co., LTD.		
		4030	Tianjin CSG Architectural Glass Co., LTD.		
		4031	General Glass		
		4032	General Glass		

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Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4081	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4146	Deqing Sanxing Plastic Chemical Co. Ltd.	4206	SIGCO, Inc.
4083	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4147	Deqing Sanxing Plastic Chemical Co. Ltd.	4207	AGC Flat Glass North America
4084	Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE	4148	Nashville Tempered Glass L.L.C.	4208	United Glass Corporation
4089	Tempered Glass, Inc.	4151	Oldcastle BuildingEnvelope™	4209	AGC Flat Glass North America
4090	Tempered Glass, Inc.	4152	AGC Flat Glass North America	4210	Vitro America, Inc.
4091	Cardinal IG	4153	AGC Flat Glass North America	4211	Vitro America, Inc.
4093	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4154	Efco Corp.	4212	Vitro America, Inc.
4094	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4155	Oldcastle BuildingEnvelope™	4213	Vitro America, Inc.
4095	Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	4156	Qinhuangdao Detai Tempered Glass Co., Ltd.	4214	Vitro America, Inc.
4101	Denver Glass Interiors, Inc.	4157	PGT Industries	4215	Vitro America, Inc.
4103	Cardinal CG	4158	AGC Flat Glass North America	4216	Vitro America, Inc.
4104	Cardinal CG	4159	AGC Flat Glass North America	4217	Vitro America, Inc.
4105	Cardinal CG	4160	AGC Flat Glass North America	4218	Vitro America, Inc.
4106	Tianjin CSG Architectural Glass Co., LTD.	4161	JYC Glass Co. Ltd.	4219	Vitro America, Inc.
4107	Tianjin CSG Architectural Glass Co., LTD.	4162	JYC Glass Co. Ltd.	4220	Vitro America, Inc.
4108	Tianjin CSG Architectural Glass Co., LTD.	4163	JYC Glass Co. Ltd.	4221	Vitro America, Inc.
4120	Cardinal LG	4165	JYC Glass Co. Ltd.	4222	RF Supply, Inc.
4121	Efco Corp.	4166	JYC Glass Co. Ltd.	4224	RF Supply, Inc.
4122	Dongguan Dongfa Glass Product Co., Ltd	4167	Dongguan CSG Architectural Glass Co., Ltd.	4225	RF Supply, Inc.
4123	Dongguan Dongfa Glass Product Co., Ltd	4169	W.A. Wilson	4226	RF Supply, Inc.
4124	Dongguan Dongfa Glass Product Co., Ltd	4170	W.A. Wilson	4227	RF Supply, Inc.
4125	Dongguan Dongfa Glass Product Co., Ltd	4171	W.A. Wilson	4229	RF Supply, Inc.
4126	Dongguan Dongfa Glass Product Co., Ltd	4172	W.A. Wilson	4230	RF Supply, Inc.
4127	Dongguan Dongfa Glass Product Co., Ltd	4173	W.A. Wilson	4231	AGC Flat Glass North America
4128	Dongguan Dongfa Glass Product Co., Ltd	4174	W.A. Wilson	4232	AGC Flat Glass North America
4129	Dongguan Dongfa Glass Product Co., Ltd	4175	W.A. Wilson	4233	Arch Aluminum & Glass Co., Inc.
4130	Dongguan Dongfa Glass Product Co., Ltd	4176	W.A. Wilson	4234	Changshu Xingfu Glass Building Material Co., LTD
4131	Dongguan Dongfa Glass Product Co., Ltd	4177	PGT Industries	4235	Changshu Xingfu Glass Building Material Co., LTD
4132	Dongguan Dongfa Glass Product Co., Ltd	4178	PGT Industries	4236	Changshu Xingfu Glass Building Material Co., LTD
4133	Oldcastle BuildingEnvelope™	4179	XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	4237	Changshu Xingfu Glass Building Material Co., LTD
4134	United Glass Corporation	4180	Oldcastle BuildingEnvelope™	4238	Guardian Industries Corp.
4135	United Glass Corporation	4181	Oldcastle BuildingEnvelope™	4240	Industrial Tempering Glass
4136	Ready Glass & Mirror, Inc.	4182	Vitro America, Inc.	4245	Oldcastle BuildingEnvelope™
4137	Cardinal CG	4183	Vitro America, Inc.	4246	Vetzeria Valentini S.R.L.
4139	Addis Glass Fabricating Inc.	4184	Vitro America, Inc.	4247	Oldcastle BuildingEnvelope™
4140	Qinhuangdao High-Tech Energy-Saving Dorwin Co Ltd	4185	Vitro America, Inc.	4248	GGI Glass Distributors Corp.
4141	AGC Flat Glass North America	4186	Vitro America, Inc.	4249	Viracon, Inc.
4142	AGC Flat Glass North America	4187	Vitro America, Inc.	4250	Viracon, Inc.
4144	AGC Flat Glass North America	4188	Vitro America, Inc.	4253	Qinhuangdao Dawei Glass Products Co. Ltd.
4145	AGC Flat Glass North America	4189	Vitro America, Inc.	4254	Mercer Glass Fab LLC
		4192	Southern Wholesale Glass, Inc.	4255	Mercer Glass Fab LLC
		4193	Southern Wholesale Glass, Inc.	4256	Mercer Glass Fab LLC
		4194	Southern Wholesale Glass, Inc.	4257	Mercer Glass Fab LLC
		4195	Southern Wholesale Glass, Inc.	4258	Mercer Glass Fab LLC
		4197	United Plate Glass Company of Charlotte	4259	Tweddell's Inc.
		4198	Cuda Glass & Metals	4260	Changshu Lier Building Materials Co. Ltd.
		4199	Cuda Glass & Metals	4261	Changshu Lier Building Materials Co. Ltd.
		4200	Cuda Glass & Metals	4262	Shanghai Haojing Glass Co. Ltd.
		4201	Cuda Glass & Metals	4263	Shanghai Haojing Glass Co. Ltd.
		4202	Cuda Glass & Metals	4265	AGC Flat Glass North America
		4203	Cuda Glass & Metals	4266	AGC Flat Glass North America
		4204	Cuda Glass & Metals		

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Certified Products-Numerical Sequence

<i>SGCC No.</i>		<i>SGCC No.</i>		<i>SGCC No.</i>	
4267	AGC Flat Glass North America	4329	Coastal Glass Distributors Inc.	4424	Oldcastle BuildingEnvelope™
4268	AGC Flat Glass North America	4330	Coastal Glass Distributors Inc.	4425	Fairis C.A.
4269	AGC Flat Glass North America	4331	Coastal Glass Distributors Inc.	4426	Fairis C.A.
4270	AGC Flat Glass North America	4332	Coastal Glass Distributors Inc.	4427	Fairis C.A.
4271	AGC Flat Glass North America	4333	Coastal Glass Distributors Inc.	4428	Fairis C.A.
4272	AGC Flat Glass North America	4334	Coastal Glass Distributors Inc.	4429	Fairis C.A.
4274	Vitraform, Inc.	4335	Coastal Glass Distributors Inc.	4430	Fairis C.A.
4277	AGC Flat Glass North America	4336	Coastal Glass Distributors Inc.	4431	Hartung Glass Industries Lami
4278	Southwest Glass Products Inc.	4337	Coastal Glass Distributors Inc.	4432	Oldcastle BuildingEnvelope™
4280	M/M Tempering Inc.	4338	Coastal Glass Distributors Inc.	4433	Oldcastle BuildingEnvelope™
4281	M/M Tempering Inc.	4339	Coastal Glass Distributors Inc.	4434	Oldcastle BuildingEnvelope™
4282	M/M Tempering Inc.	4340	Oldcastle BuildingEnvelope™	4435	Oldcastle BuildingEnvelope™
4284	AGC Flat Glass North America	4341	Qinhuangdao GaoPeng Foam Plastic Co. Ltd.	4436	Oldcastle BuildingEnvelope™
4285	Contour Industries, Inc.	4342	AGC Flat Glass North America	4437	Arch Aluminum & Glass Co., Inc.
4286	Troy Systems LLC	4343	Cardinal CG	4439	Shenzhen Jiayeda Glass Processing Co., LTD
4287	Viracon, Inc.	4344	Cardinal CG	4440	Shenzhen Jiayeda Glass Processing Co., LTD
4288	Refrigeration & Display Components LLC	4345	Cardinal CG	4441	Shenzhen Jiayeda Glass Processing Co., LTD
4289	Refrigeration & Display Components LLC	4346	Oldcastle BuildingEnvelope™	4442	Viracon, Inc.
4298	AGC Flat Glass North America	4347	Cardinal CG	4443	Oldcastle BuildingEnvelope™
4299	Mega Tempering	4348	Oldcastle BuildingEnvelope™	4444	Oldcastle BuildingEnvelope™
4300	Mega Tempering	4353	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	4445	Oldcastle BuildingEnvelope™
4301	Mega Tempering	4354	Viracon, Inc.	4446	Oldcastle BuildingEnvelope™
4302	Troy Systems LLC	4355	All Team Glass & Mirror, Ltd.	4447	Oldcastle BuildingEnvelope™
4303	Jiangmen SYP Engineering Glass Co., Ltd	4356	Triple Seal Ltd.	4448	Oldcastle BuildingEnvelope™
4304	Jiangmen SYP Engineering Glass Co., Ltd	4357	Triple Seal Ltd.	4449	Oldcastle BuildingEnvelope™
4305	Jiangmen SYP Engineering Glass Co., Ltd	4358	Triple Seal Ltd.	4450	Oldcastle BuildingEnvelope™
4306	Jiangmen SYP Engineering Glass Co., Ltd	4359	Vitro America, Inc.	4451	Oldcastle BuildingEnvelope™
4307	Jiangmen SYP Engineering Glass Co., Ltd	4360	Guardian Fabrication, Inc.	4452	United Glass Corporation
4308	Jiangmen SYP Engineering Glass Co., Ltd	4371	Vitro America, Inc.	4453	United Glass Corporation
4309	Jiangmen SYP Engineering Glass Co., Ltd	4372	Vitro America, Inc.		
4310	Jiangmen SYP Engineering Glass Co., Ltd	4373	Vitro America, Inc.		
4311	Jiangmen SYP Engineering Glass Co., Ltd	4374	Vitro America, Inc.		
4312	Jiangmen SYP Engineering Glass Co., Ltd	4376	Glass Dynamics, Inc.		
4313	Jiangmen SYP Engineering Glass Co., Ltd	4379	Wholesale Glass Dist.		
4314	United Glass Corporation	4380	Wholesale Glass Dist.		
4315	Cuda Glass & Metals	4381	Wholesale Glass Dist.		
4316	Cardinal LG	4382	Wholesale Glass Dist.		
4317	Cardinal LG	4383	Vitro America, Inc.		
4318	Maryland Glass & Mirror	4387	Oldcastle BuildingEnvelope™		
4319	Maryland Glass & Mirror	4388	Engineered Glass Products, L.L.C.		
4320	Maryland Glass & Mirror	4389	Jiaying B&C Corporation		
4321	Maryland Glass & Mirror	4394	Traco (Three Rivers Alum)		
4322	Maryland Glass & Mirror	4395	Traco (Three Rivers Alum)		
4326	SIGCO, Inc.	4397	Oldcastle BuildingEnvelope™		
4327	SIGCO, Inc.	4398	Oldcastle BuildingEnvelope™		
4328	Coastal Glass Distributors Inc.	4399	Oldcastle BuildingEnvelope™		
		4400	Oldcastle BuildingEnvelope™		
		4401	Oldcastle BuildingEnvelope™		
		4402	Oldcastle BuildingEnvelope™		
		4410	Tristar Glass Inc.		
		4411	Tristar Glass Inc.		
		4412	Cuda Glass & Metals		
		4413	Glass Dynamics, Inc.		
		4414	Glass Dynamics, Inc.		
		4423	Oldcastle BuildingEnvelope™		

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Addis Glass Fabricating Inc. ; Hamilton, OH							AGC Flat Glass North America ; Jacksonville, FL						
4139	COMPOSITE	1/8		3.0 TTG	U	A	3006	COMPOSITE	1/8		3.0 TTG	U	A
3810	COMPOSITE	1/4		6.0 TTG	U	A	3786	COMPOSITE	5/32		4.0 TTG	U	A
3811	COMPOSITE	3/8		10.0 TTG	U	A	3007	COMPOSITE	3/16		5.0 TTG	U	A
3812	COMPOSITE	1/2		12.0 TTG	U	A	3008	COMPOSITE	1/4		6.0 TTG	U	A
AGC Flat Glass North America ; Alvarado, TX							AGC Flat Glass North America ; Jacksonville, FL						
3677	COMPOSITE	1/8		3.0 TTG	U	A	3009	COMPOSITE	3/8		10.0 TTG	U	A
3814	COMPOSITE	3/16		5.0 TTG	U	A	3010	COMPOSITE	1/2		12.0 TTG	U	A
1710	COMPOSITE	1/4		6.0 TTG	U	A	3011	COMPOSITE	1/8		3.0 TPG (s)	U	A
1711	COMPOSITE	3/8		10.0 TTG	U	A	3785	COMPOSITE	3/16		5.0 TPG (d)	U	A
1712	COMPOSITE	1/2		12.0 TTG	U	A	4144	COMPOSITE	(S)		6 LTG (b)	(.015)	U B
3815	COMPOSITE	1/8		3.0 TPG (m)	U	A	4145	COMPOSITE	(S)		6 LTG (b)	(.030)	U A
2406	COMPOSITE	5/32		4.0 TPG (m)	U	A	4142	COMPOSITE	(H)		8-12 LTG (ip)	(.090)	U A
1714	COMPOSITE	3/16		5.0 TPG (s)	U	A	4141	COMPOSITE	(H)		8-12, 19+ LTG (b)	(.030)	U A
AGC Flat Glass North America ; Carbondale, PA							AGC Flat Glass North America ; Kingsport, TN						
4231	COMPOSITE	(S)		5 LTG (b)	(.015)	U B	1390	COMPOSITE	1/8		3.0 TTG	U	A
4298	COMPOSITE	(S)		6 LTG (b)	(.030)	U A	949	COMPOSITE	5/32		4.0 TTG	U	A
4232	COMPOSITE	(H)		10-12 LTG (b)	(.030)	U A	28	COMPOSITE	3/16		5.0 TTG	U	A
AGC Flat Glass North America ; Fall River, MA							AGC Flat Glass North America ; Kingsport, TN						
1518	COMPOSITE	1/8		3.0 TTG	U	A	24	COMPOSITE	1/4		6.0 TTG	U	A
3553	COMPOSITE	5/32		4.0 TTG	U	A	1414	COMPOSITE	1/8		3.0 TPG (m)	U	A
3648	COMPOSITE	3/16		5.0 TTG	U	A	2249	COMPOSITE	5/32		4.0 TPG (m)	U	A
1520	COMPOSITE	1/4		6.0 TTG	U	A	2206	COMPOSITE	3/16		5.0 TPG (d)	U	A
1521	COMPOSITE	3/8		10.0 TTG	U	A	3026	COMPOSITE	1/4		6.0 TPG (d)	U	A
1522	COMPOSITE	1/2		12.0 TTG	U	A	AGC Flat Glass North America ; Knoxville, TN						
2160	COMPOSITE	5/32		4.0 TPG (s)	U	A	4209	COMPOSITE	1/8		3.0 TTG	U	A
1523	COMPOSITE	3/16		5.0 TPG (s)	U	A	4152	COMPOSITE	3/16		5.0 TTG	U	A
AGC Flat Glass North America ; Greenland, TN							AGC Flat Glass North America ; Knoxville, TN						
598	COMPOSITE	1/8		3.0 TTG	U	A	4153	COMPOSITE	1/4		6.0 TTG	U	A
955	COMPOSITE	5/32		4.0 TTG	U	A	4158	COMPOSITE	3/8		10.0 TTG	U	A
220	COMPOSITE	3/16		5.0 TTG	U	A	4159	COMPOSITE	1/2		12.0 TTG	U	A
89	COMPOSITE	1/4		6.0 TTG	U	A	4207	COMPOSITE	1/8		3.0 TPG (s)	U	A
4046	COMPOSITE	5/16		8.0 TTG	U	A	4160	COMPOSITE	3/16		5.0 TPG (d)	U	A
90	COMPOSITE	3/8		10.0 TTG	U	A	AGC Flat Glass North America ; Marietta, GA						
587	COMPOSITE	1/8		3.0 TPG (s)	U	A	1405	COMPOSITE	1/8		3.0 TTG	U	A
2980	COMPOSITE	5/32		4.0 TPG (m)	U	A	1967	COMPOSITE	5/32		4.0 TTG	U	A
1139	COMPOSITE	3/16		5.0 TPG (s)	U	A	1230	COMPOSITE	3/16		5.0 TTG	U	A
AGC Flat Glass North America ; Hebron, OH							AGC Flat Glass North America ; Marietta, GA						
3663	COMPOSITE	1/8		3.0 TTG	U	A	1231	COMPOSITE	1/4		6.0 TTG	U	A
3091	COMPOSITE	5/32		4.0 TTG	U	A	1232	COMPOSITE	3/8		10.0 TTG	U	A
2197	COMPOSITE	3/16		5.0 TTG	U	A	1406	COMPOSITE	1/2		12.0 TTG	U	A
2198	COMPOSITE	1/4		6.0 TTG	U	A	1428	COMPOSITE	5/32		4.0 TPG (s)	U	A
2199	COMPOSITE	3/8		10.0 TTG	U	A	2054	COMPOSITE	3/16		5.0 TPG (d)	U	A
2200	COMPOSITE	1/2		12.0 TTG	U	A	AGC Flat Glass North America ; Opelousas, LA						
3768	COMPOSITE	1/8		3.0 TPG (m)	U	A	2899	COMPOSITE	1/8		3.0 TTG	U	A
2768	COMPOSITE	5/32		4.0 TPG (m)	U	A	3705	COMPOSITE	5/32		4.0 TTG	U	A
2592	COMPOSITE	3/16		5.0 TPG (d)	U	A	2900	COMPOSITE	3/16		5.0 TTG	U	A
3081	COMPOSITE	1/4		6.0 TPG (d)	U	A	2901	COMPOSITE	1/4		6.0 TTG	U	A
3082	COMPOSITE	3/8		10.0 TPG (d)	U	A	3706	COMPOSITE	3/8		10.0 TTG	U	A
							3707	COMPOSITE	1/2		12.0 TTG	U	A
							2902	COMPOSITE	1/8		3.0 TPG (s)	U	A
							3708	COMPOSITE	5/32		4.0 TPG (s)	U	A
							2903	COMPOSITE	3/16		5.0 TPG (m)	U	A
							3709	COMPOSITE	1/4		6.0 TPG (s)	U	A
							3710	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	
AGC Flat Glass North America ; Quakertown, PA							All Team Glass & Mirror, Ltd. ; Woodbridge, ON Canada							
2507	COMPOSITE	1/8		3.0 TTG	U	A	1754	COMPOSITE	5/32		4.0 TTG	U	A	
3421	COMPOSITE	5/32		4.0 TTG	U	A	1755	COMPOSITE	3/16		5.0 TTG	U	A	
2509	COMPOSITE	3/16		5.0 TTG	U	A	1756	COMPOSITE	1/4		6.0 TTG	U	A	
2666	COMPOSITE	1/4		6.0 TTG	U	A	2790	COMPOSITE	5/16		8.0 TTG	U	A	
2510	COMPOSITE	1/8		3.0 TPG (m)	U	A	1757	COMPOSITE	3/8		10.0 TTG	U	A	
3698	COMPOSITE	3/16		5.0 TPG (m)	U	A	1758	COMPOSITE	1/2		12.0 TTG	U	A	
AGC Flat Glass North America ; Reidsville, NC							American Shower Door ; Los Angeles, CA							
2913	COMPOSITE	1/8		3.0 TTG	U	A	3042	COMPOSITE	1/4		6.0 TTG	U	A	
2914	COMPOSITE	5/32		4.0 TTG	U	A	3039	COMPOSITE	1/4		6.0 TTG	U	A	
2915	COMPOSITE	3/16		5.0 TTG	U	A	3040	COMPOSITE	3/8		10.0 TTG	U	A	
2916	COMPOSITE	1/4		6.0 TTG	U	A	3043	COMPOSITE	3/8		10.0 TTG	U	A	
2917	COMPOSITE	1/8		3.0 TPG (s)	U	A	3041	COMPOSITE	1/2		12.0 TTG	U	A	
3744	COMPOSITE	3/16		5.0 TPG (s)	U	A	Amsco Windows ; Salt Lake City, UT							
AGC Flat Glass North America ; Richmond, VA							Anlin Industries ; Clovis, CA							
2521	COMPOSITE	1/8		3.0 TTG	U	A	3360	COMPOSITE	1/8		3.0 TTG	U	A	
2480	COMPOSITE	5/32		4.0 TTG	U	A	3079	COMPOSITE	3/16		5.0 TTG	U	A	
2522	COMPOSITE	3/16		5.0 TTG	U	A	3076	COMPOSITE	1/8		3.0 TPG (m)	U	A	
1957	COMPOSITE	1/4		6.0 TTG	U	A	3077	COMPOSITE	5/32		4.0 TPG (d)	U	A	
4284	COMPOSITE	5/16		8.0 TTG	U	A	3078	COMPOSITE	3/16		5.0 TPG (m)	U	A	
1958	COMPOSITE	3/8		10.0 TTG	U	A	Anthony International ; San Fernando, CA							
1959	COMPOSITE	1/2		12.0 TTG	U	A	520	ANSI ONLY	1/8		3.0 TTG	U	A	
2479	COMPOSITE	5/32		4.0 TPG (m)	U	A	2289	ANSI ONLY	5/32		4.0 TTG	U	A	
2999	COMPOSITE	3/16		5.0 TPG (m)	U	A	999	ANSI ONLY	3/16		5.0 TTG	U	A	
AGC Flat Glass North America ; Salt Lake City, UT							Anthony Temperbent, GP LLC ; Alsip, IL							
4265	COMPOSITE	1/8		3.0 TTG	U	A	2679	COMPOSITE	1/8		3.0 TTG (IN)	U	A	
4266	COMPOSITE	3/16		5.0 TTG	U	A	2680	COMPOSITE	5/32		4.0 TTG	U	A	
4267	COMPOSITE	1/4		6.0 TTG	U	A	2681	COMPOSITE	3/16		5.0 TTG	U	A	
4268	COMPOSITE	3/8		10.0 TTG	U	A	2682	COMPOSITE	1/4		6.0 TTG	U	A	
4269	COMPOSITE	1/2		12.0 TTG	U	A	1563	COMPOSITE	5/32		4.0 TBG	U	A	
4270	COMPOSITE	1/8		3.0 TPG (s)	U	A	1564	COMPOSITE	3/16		5.0 TBG	U	A	
4271	COMPOSITE	5/32		4.0 TPG (s)	U	A	1565	COMPOSITE	1/4		6.0 TBG	U	A	
4272	COMPOSITE	3/16		5.0 TPG (m)	U	A	Arch Aluminum & Glass ; Fort Worth, TX							
AGC Flat Glass North America ; San Antonio, TX							Arch Aluminum & Glass Co, Inc. ; Tamarac, FL							
3645	COMPOSITE	1/8		3.0 TTG	U	A	2785	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
3646	COMPOSITE	5/32		4.0 TTG	U	A	Arch Aluminum & Glass Co. Inc. ; New Berlin, WI							
3839	COMPOSITE	3/16		5.0 TTG	U	A	3430	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
3326	COMPOSITE	1/4		6.0 TTG	U	A	Arch Aluminum & Glass Co. Inc. ; Villa Rica, GA							
3327	COMPOSITE	3/8		10.0 TTG	U	A	3536	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
4277	COMPOSITE	1/2		12.0 TTG	U	A	Arch Aluminum & Glass Co., Inc. ; City of Industry, CA							
3818	COMPOSITE	1/8		3.0 TPG (s)	U	A	4233	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
3647	COMPOSITE	5/32		4.0 TPG (m)	U	A	Arch Aluminum & Glass Co., Inc. ; Orlando, FL							
4342	COMPOSITE	3/16		5.0 TPG (d)	U	A	3461	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
3819	COMPOSITE	1/4		6.0 TPG (s)	U	A								
3820	COMPOSITE	3/8		10.0 TPG (s)	U	A								
AGC Flat Glass North America ; Spring Hill, KS														
1702	COMPOSITE	1/8		3.0 TTG	U	A								
1703	COMPOSITE	5/32		4.0 TTG	U	A								
1704	COMPOSITE	3/16		5.0 TTG	U	A								
1705	COMPOSITE	1/4		6.0 TTG	U	A								
Al Abbar Architectural Glass ; Dubai UAE														
3556	COMPOSITE	1/4		6.0 TTG	U	A								
3557	COMPOSITE	5/16		8.0 TTG	U	A								
3558	COMPOSITE	3/8		10.0 TTG	U	A								
3976	COMPOSITE	*		15.0 TTG (4)	U	A								
3977	COMPOSITE	3/4		19.0 TTG	U	A								
3560	COMPOSITE	(H)		12 LTG (b)	(.030)	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
Arch Aluminum & Glass Co., Inc. ; Youngsville, NC						Cardinal CG ; Galt, CA					
4437	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	2357	COMPOSITE	1/8	3.0 TTG	U	A
Arch Deco Glass ; Columbus, OH						Cardinal CG ; Moreno Valley, CA					
3407	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	2358	COMPOSITE	5/32	4.0 TTG	U	A
Architectural Glass Industries, LLC ; Sandy Hook, CT						Cardinal CG ; North Salt Lake, UT					
3760	COMPOSITE	1/4	6.0 TTG		U A	2359	COMPOSITE	3/16	5.0 TTG	U	A
3761	COMPOSITE	3/8	10.0 TTG		U A	2360	COMPOSITE	1/4	6.0 TTG	U	A
3762	COMPOSITE	1/2	12.0 TTG		U A	3599	COMPOSITE	1/8	3.0 TPG (s)	U	A
Arlene Stained Glass & Door ; Houston, TX						Cardinal CG ; Northfield, MN					
3582	COMPOSITE	1/8	3.0 TTG		U A	1985	COMPOSITE	1/8	3.0 TTG	U	A
3583	COMPOSITE	3/16	5.0 TTG		U A	1986	COMPOSITE	5/32	4.0 TTG	U	A
3584	COMPOSITE	1/4	6.0 TTG		U A	1987	COMPOSITE	3/16	5.0 TTG	U	A
3585	COMPOSITE	5/32	4.0 TPG (s)		U A	1988	COMPOSITE	1/4	6.0 TTG	U	A
AVIC Sanxin Co. Ltd. ; Shenzhen, China						Cardinal CG ; Spring Green, WI					
3567	COMPOSITE	1/4	6.0 TTG		U A	4137	COMPOSITE	3/8	10.0 TTG	U	A
3568	COMPOSITE	5/16	8.0 TTG		U A	2011	COMPOSITE	1/8	3.0 TPG (s)	U	A
3569	COMPOSITE	3/8	10.0 TTG		U A	2012	COMPOSITE	5/32	4.0 TPG (s)	U	A
3570	COMPOSITE	1/2	12.0 TTG		U A	2013	COMPOSITE	3/16	5.0 TPG (s)	U	A
3571	COMPOSITE	*	15.0 TTG (3)		U A	Cardinal CG ; Tumwater, WA					
3572	COMPOSITE	3/4	19.0 TTG		U A	2067	COMPOSITE	1/8	3.0 TTG	U	A
3573	COMPOSITE	(H)	12+ LTG (b)	(.030)	U A	2068	COMPOSITE	5/32	4.0 TTG	U	A
Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany						Cardinal CG ; Waxahachie, TX					
2570	COMPOSITE	*	6.0 TBG (2)		20x76 A	2699	COMPOSITE	1/8	3.0 TTG	U	A
2569	COMPOSITE	*	7.0 TBG (2)		16x76 A	2700	COMPOSITE	5/32	4.0 TTG	U	A
Berkowitz, J.E. ; Pedricktown, NJ						Cardinal CG ; Casa Grande, AZ					
1990	COMPOSITE	1/4	6.0 TTG		U A	2878	COMPOSITE	1/8	3.0 TTG	U	A
2646	COMPOSITE	3/8	10.0 TTG		U A	2879	COMPOSITE	5/32	4.0 TTG	U	A
1991	COMPOSITE	1/2	12.0 TTG		U A	2880	COMPOSITE	3/16	5.0 TTG	U	A
2647	COMPOSITE	3/4	19.0 TTG		U A	2881	COMPOSITE	1/4	6.0 TTG	U	A
3749	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	4103	COMPOSITE	1/8	3.0 TPG (s)	U	A
3750	COMPOSITE	(H)	10-12 LTG (b)	(.030)	U A	4104	COMPOSITE	5/32	4.0 TPG (d)	U	A
Cameron Glass, Inc. ; Broken Arrow, OK						Cardinal CG ; Buford, GA					
2501	COMPOSITE	3/16	5.0 TTG		U A	1921	COMPOSITE	1/8	3.0 TTG	U	A
2455	COMPOSITE	1/4	6.0 TTG		U A	1922	COMPOSITE	5/32	4.0 TTG	U	A
2032	COMPOSITE	3/8	10.0 TTG		U A	1923	COMPOSITE	3/16	5.0 TTG	U	A
2033	COMPOSITE	1/2	12.0 TTG		U A	1924	COMPOSITE	1/4	6.0 TTG	U	A
Cardinal CG ; Casa Grande, AZ						Cardinal CG ; Tumwater, WA					
2878	COMPOSITE	1/8	3.0 TTG		U A	2071	COMPOSITE	1/8	3.0 TPG (s)	U	A
2879	COMPOSITE	5/32	4.0 TTG		U A	Cardinal CG ; Waxahachie, TX					
2880	COMPOSITE	3/16	5.0 TTG		U A	2701	COMPOSITE	5/32	4.0 TTG	U	A
2881	COMPOSITE	1/4	6.0 TTG		U A	2702	COMPOSITE	3/16	5.0 TTG	U	A
4103	COMPOSITE	1/8	3.0 TPG (s)		U A	2702	COMPOSITE	1/4	6.0 TTG	U	A
4104	COMPOSITE	5/32	4.0 TPG (d)		U A	4047	COMPOSITE	5/32	4.0 TPG (m)	U	A
4105	COMPOSITE	3/16	5.0 TPG (s)		U A	2705	COMPOSITE	3/16	5.0 TPG (m)	U	A

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Cardinal FG ; Durant, OK							Cardinal IG ; Tomah, WI						
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
3004	COMPOSITE	1/8		3.0 TPG (m)	U	A	2321	COMPOSITE	1/8		3.0 TPG (m)	U	A
Cardinal IG ; Fargo, ND							Cardinal IG ; Vinton, VA						
2235	COMPOSITE	1/8		3.0 TTG	U	A	2322	COMPOSITE	5/32		4.0 TPG (d)	U	A
2234	COMPOSITE	5/32		4.0 TTG	U	A	2323	COMPOSITE	3/16		5.0 TPG (d)	U	A
2233	COMPOSITE	3/16		5.0 TTG	U	A	Cardinal IG ; Waxahachie, TX						
2232	COMPOSITE	1/4		6.0 TTG	U	A	2328	COMPOSITE	1/8		3.0 TTG	U	A
2231	COMPOSITE	1/8		3.0 TPG (s)	U	A	2329	COMPOSITE	5/32		4.0 TTG	U	A
2285	COMPOSITE	5/32		4.0 TPG (m)	U	A	2330	COMPOSITE	3/16		5.0 TTG	U	A
2286	COMPOSITE	3/16		5.0 TPG (s)	U	A	2331	COMPOSITE	1/4		6.0 TTG	U	A
Cardinal IG ; Fremont, IN							Cardinal LG ; Amery, WI						
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	4120	COMPOSITE	(S)		5 LTG (b)	(.015)(U C1)	B
2178	COMPOSITE	3/16		5.0 TTG	U	A	Cardinal LG ; Ocala, FL						
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	Cardinal IG ; Hood River, OR						
2204	COMPOSITE	5/32		4.0 TPG (d)	U	A	2831	COMPOSITE	1/8		3.0 TTG	U	A
2205	COMPOSITE	3/16		5.0 TPG (d)	U	A	2858	COMPOSITE	5/32		4.0 TTG	U	A
Cardinal IG ; Greenfield, IA							Cardinal LG ; Louisville, KY						
1827	COMPOSITE	1/8		3.0 TTG	U	A	3871	COMPOSITE	5/32		4.0 TTG	U	A
1828	CPSC ONLY	5/32		4.0 TTG	U		3872	COMPOSITE	3/16		5.0 TTG	U	A
1829	CPSC ONLY	3/16		5.0 TTG	U		3873	COMPOSITE	1/4		6.0 TTG	U	A
1830	CPSC ONLY	1/4		6.0 TTG	U		3874	COMPOSITE	3/8		10.0 TTG	U	A
1841	CPSC ONLY	1/8		3.0 TPG (s)	U		3875	COMPOSITE	1/2		12.0 TTG	U	A
1842	CPSC ONLY	5/32		4.0 TPG (m)	U		Cardinal TG ; Chehalis, WA						
1843	CPSC ONLY	3/16		5.0 TPG (s)	U		3455	COMPOSITE	1/8		3.0 TTG	U	A
Cardinal IG ; Mountain Top, PA							Cardinal TG ; Tomah, WI						
3068	COMPOSITE	1/8		3.0 TTG	U	A	1804	COMPOSITE	1/8		3.0 TTG	U	A
3069	COMPOSITE	5/32		4.0 TTG	U	A	1805	COMPOSITE	5/32		4.0 TTG	U	A
3070	COMPOSITE	3/16		5.0 TTG	U	A	1806	COMPOSITE	3/16		5.0 TTG	U	A
3071	COMPOSITE	1/4		6.0 TTG	U	A	1807	COMPOSITE	1/4		6.0 TTG	U	A
3073	COMPOSITE	1/8		3.0 TPG (m)	U	A	Cardinal TG ; Tomah, WI						
3115	COMPOSITE	5/32		4.0 TPG (m)	U	A	1804	COMPOSITE	1/8		3.0 TTG	U	A
3072	COMPOSITE	3/16		5.0 TPG (m)	U	A	1805	COMPOSITE	5/32		4.0 TTG	U	A
Cardinal IG ; Spring Green, WI							Cardinal TG ; Tomah, WI						
1831	COMPOSITE	1/8		3.0 TTG	U	A	1806	COMPOSITE	3/16		5.0 TTG	U	A
1832	COMPOSITE	5/32		4.0 TTG	U	A	1807	COMPOSITE	1/4		6.0 TTG	U	A
1833	COMPOSITE	3/16		5.0 TTG	U	A	Cardinal TG ; Tomah, WI						
1834	COMPOSITE	1/4		6.0 TTG	U	A	1804	COMPOSITE	1/8		3.0 TTG	U	A
1844	COMPOSITE	1/8		3.0 TPG (s)	U	A	1805	COMPOSITE	5/32		4.0 TTG	U	A
1845	COMPOSITE	5/32		4.0 TPG (m)	U	A	1806	COMPOSITE	3/16		5.0 TTG	U	A
1846	COMPOSITE	3/16		5.0 TPG (s)	U	A	1807	COMPOSITE	1/4		6.0 TTG	U	A

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Changshu Hard Glass Co., Ltd. ; Jiangsu, China							Contour Industries, Inc. ; Surgoinsville, TN							
2904	COMPOSITE	1/8		3.0 TTG	U	A	1680	COMPOSITE	1/8		3.0 TTG	U	A	
2987	COMPOSITE	5/32		4.0 TTG	U	A	4285	COMPOSITE	5/32		4.0 TTG	U	A	
2988	COMPOSITE	3/16		5.0 TTG	U	A	1678	COMPOSITE	3/16		5.0 TTG	U	A	
Changshu Lier Building Materials Co. Ltd. ; Changshu City Jiangsu China							Contractors Wardrobe ; Valencia, CA							
4260	COMPOSITE	1/8		3.0 TTG	U	A	3464	COMPOSITE	1/8		3.0 TTG	U	A	
4261	COMPOSITE	3/16		5.0 TTG	U	A	3465	COMPOSITE	5/32		4.0 TTG	U	A	
Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu Province, PR China							Denver Glass Interiors, Inc. ; Englewood, CO							
3803	COMPOSITE	1/8		3.0 TTG	U	A	3865	COMPOSITE	3/16		5.0 TTG	U	A	
3664	COMPOSITE	5/32		4.0 TTG	U	A	3866	COMPOSITE	1/4		6.0 TTG	U	A	
4234	COMPOSITE	3/16		5.0 TTG	U	A	3867	COMPOSITE	3/8		10.0 TTG	U	A	
4235	COMPOSITE	1/4		6.0 TTG	U	A	3868	COMPOSITE	1/2		12.0 TTG	U	A	
4236	COMPOSITE	3/16		5.0 TPG (s)	U	A	4101	COMPOSITE	3/16		5.0 TPG (s)	U	A	
4237	COMPOSITE	1/4		6.0 TPG (s)	U	A								
Changshu Zhongxin Bldg. Mat. Co. ; Changshu City, China							Coral Industries ; Tuscaloosa, AL							
2432	COMPOSITE	1/8		3.0 TTG	U	A	3420	COMPOSITE	1/8		3.0 TTG	U	A	
Chicago Tempered Glass, Inc. ; Chicago, IL							Custom Glass Products, Inc. ; Weston, WI							
3086	COMPOSITE	5/32		4.0 TTG	U	A	4002	COMPOSITE	1/4		6.0 TTG	U	A	
3087	COMPOSITE	3/16		5.0 TTG	U	A	Dalian Huaying Glass Products Co., Ltd. ; Dalian,Liao Ning, China							
3088	COMPOSITE	1/4		6.0 TTG	U	A	3856	COMPOSITE	1/8		3.0 TTG	U	A	
3089	COMPOSITE	3/8		10.0 TTG	U	A	Dallas Flat Glass Distributors, Inc. ; Carrollton, TX							
3090	COMPOSITE	1/2		12.0 TTG	U	A	3699	COMPOSITE	1/8		3.0 TTG	U	A	
Coastal Glass Distributors Inc. ; Charleston, SC							Denver Glass Interiors, Inc. ; Englewood, CO							
4328	COMPOSITE	1/8		3.0 TTG	U	A	3700	COMPOSITE	3/16		5.0 TTG	U	A	
4329	COMPOSITE	5/32		4.0 TTG	U	A	3701	COMPOSITE	1/4		6.0 TTG	U	A	
4330	COMPOSITE	3/16		5.0 TTG	U	A	Denver Glass Interiors, Inc. ; Englewood, CO							
4331	COMPOSITE	1/4		6.0 TTG	U	A	3865	COMPOSITE	3/16		5.0 TTG	U	A	
4335	COMPOSITE	3/8		10.0 TTG	U	A	3866	COMPOSITE	1/4		6.0 TTG	U	A	
4336	COMPOSITE	1/2		12.0 TTG	U	A	3867	COMPOSITE	3/8		10.0 TTG	U	A	
4332	COMPOSITE	1/8		3.0 TPG (s)	U	A	3868	COMPOSITE	1/2		12.0 TTG	U	A	
4333	COMPOSITE	5/32		4.0 TPG (d)	U	A	4101	COMPOSITE	3/16		5.0 TPG (s)	U	A	
4334	COMPOSITE	3/16		5.0 TPG (d)	U	A								
4338	COMPOSITE	1/4		6.0 TPG (m)	U	A								
4339	COMPOSITE	3/8		10.0 TPG (s)	U	A								
4337	COMPOSITE	(H)		8, 12 LTG (lu)	(.060)	U	A							
Commercial Insulating Glass Co. ; Cumberland City, TN							Custom Glass Products, Inc. ; Weston, WI							
3806	COMPOSITE	1/8		3.0 TTG	U	A	4002	COMPOSITE	1/4		6.0 TTG	U	A	
3807	COMPOSITE	3/16		5.0 TTG	U	A	Dalian Huaying Glass Products Co., Ltd. ; Dalian,Liao Ning, China							
3808	COMPOSITE	1/4		6.0 TTG	U	A	3856	COMPOSITE	1/8		3.0 TTG	U	A	
Commercial Insulating Glass Co. ; Sarasota, FL							Dallas Flat Glass Distributors, Inc. ; Carrollton, TX							
1889	COMPOSITE	1/8		3.0 TTG		31x76 A	3699	COMPOSITE	1/8		3.0 TTG	U	A	
1890	COMPOSITE	3/16		5.0 TTG		31x76 A	3700	COMPOSITE	3/16		5.0 TTG	U	A	
1891	COMPOSITE	1/4		6.0 TTG		31x76 A	3701	COMPOSITE	1/4		6.0 TTG	U	A	
Consolidated Glass Corp. ; New Castle, PA							Denver Glass Interiors, Inc. ; Englewood, CO							
1998	COMPOSITE	1/8		3.0 TTG	U	A	3865	COMPOSITE	3/16		5.0 TTG	U	A	
1999	COMPOSITE	5/32		4.0 TTG	U	A	3866	COMPOSITE	1/4		6.0 TTG	U	A	
2005	COMPOSITE	3/16		5.0 TTG	U	A	3867	COMPOSITE	3/8		10.0 TTG	U	A	
2002	COMPOSITE	1/4		6.0 TTG	U	A	3868	COMPOSITE	1/2		12.0 TTG	U	A	
3635	COMPOSITE	5/16		8.0 TTG	U	A	4101	COMPOSITE	3/16		5.0 TPG (s)	U	A	
2003	COMPOSITE	3/8		10.0 TTG	U	A								
2004	COMPOSITE	1/2		12.0 TTG	U	A								
2355	COMPOSITE	5/32		4.0 TPG (s)	U	A								
2354	COMPOSITE	3/16		5.0 TPG (s)	U	A								

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Deqing Sanxing Plastic Chemical Co. Ltd. ; Deqing, Huzhou, China						Downey Glass Industries, LLC ; Pompano Beach, FL					
4055	COMPOSITE	1/8	3.0 TTG	U	A	2660	COMPOSITE	1/8	3.0 TTG	U	A
4056	COMPOSITE	5/32	4.0 TTG	U	A	2661	COMPOSITE	3/16	5.0 TTG	U	A
4057	COMPOSITE	3/16	5.0 TTG	U	A	2662	COMPOSITE	1/4	6.0 TTG	U	A
4146	COMPOSITE	1/4	6.0 TTG	U	A	2663	COMPOSITE	3/8	10.0 TTG	U	A
4147	COMPOSITE	3/8	10.0 TTG	U	A	2664	COMPOSITE	1/2	12.0 TTG	U	A
Desert Glass Products ; N. Las Vegas, NV						2665	COMPOSITE	3/4	19.0 TTG	U	A
2791	COMPOSITE	1/8	3.0 TTG	U	A	3487	COMPOSITE	3/16	5.0 TPG (s)	U	A
2793	COMPOSITE	5/32	4.0 TTG	U	A	3488	COMPOSITE	3/8	10.0 TPG (s)	U	A
2795	COMPOSITE	3/16	5.0 TTG	U	A	Eckelt Glas GmbH ; Steyr, Austria					
2797	COMPOSITE	1/4	6.0 TTG	U	A	2850	COMPOSITE	1/4	6.0 TTG	U	A
2798	COMPOSITE	3/8	10.0 TTG	U	A	2851	COMPOSITE	5/16	8.0 TTG	U	A
2799	COMPOSITE	1/2	12.0 TTG	U	A	2852	COMPOSITE	3/8	10.0 TTG	U	A
2800	COMPOSITE	3/4	19.0 TTG	U	A	2853	COMPOSITE	*	12.0 TTG (3)	U	A
Dillmeier Enterprise, Inc. ; Van Buren, AR						2854	COMPOSITE	*	15.0 TTG (3)	U	A
3912	COMPOSITE	3/16	5.0 TTG	U	A	2855	COMPOSITE	3/4	19.0 TTG	U	A
3913	COMPOSITE	1/4	6.0 TTG	U	A	Efco Corp. ; Monett, MO					
3914	COMPOSITE	3/8	10.0 TTG	U	A	4121	COMPOSITE	1/8	3.0 TTG	U	A
3915	COMPOSITE	1/2	12.0 TTG	U	A	1901	COMPOSITE	3/16	5.0 TTG	U	A
3916	COMPOSITE	5/8	16.0 TTG	U	A	1902	COMPOSITE	1/4	6.0 TTG	U	A
3917	COMPOSITE	3/4	19.0 TTG	U	A	4154	COMPOSITE	5/16	8.0 TTG	U	A
Dlubak Corporation ; Blairsville, PA						2143	COMPOSITE	3/16	5.0 TPG (s)	U	A
3017	COMPOSITE	1/4	6.0 TTG	U	A	El Castillo VitroMart ; Escobedo Nuevo Leon Mexico					
3018	COMPOSITE	1/2	12.0 TTG	U	A	3984	COMPOSITE	1/8	3.0 TTG	U	A
3019	COMPOSITE	3/4	19.0 TTG	U	A	3985	COMPOSITE	1/4	6.0 TTG	U	A
3021	COMPOSITE (H)	12 LTG (b)	(.030)	U	A	3986	COMPOSITE	3/8	10.0 TTG	U	A
Dong Sung Glass Korea, Co., Ltd. ; Incheon, Korea						3987	COMPOSITE	1/2	12.0 TTG	U	A
2709	COMPOSITE	3/16	5.0 TTG	U	A	3988	COMPOSITE	3/4	19.0 TTG	U	A
Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan City China						Engineered Glass Products, L.L.C. ; Chicago, IL					
3932	COMPOSITE	5/32	4.0 TTG	U	A	4388	COMPOSITE	1/8	3.0 TTG	U	A
3933	COMPOSITE	3/16	5.0 TTG	U	A	2589	COMPOSITE	5/32	4.0 TTG	30x72	A
3934	COMPOSITE	1/4	6.0 TTG	U	A	2590	COMPOSITE	3/16	5.0 TTG	30x72	A
3935	COMPOSITE	5/16	8.0 TTG	U	A	2698	COMPOSITE	1/4	6.0 TTG	30x72	A
3936	COMPOSITE	3/8	10.0 TTG	U	A	Fairis C.A. ; Ambato, Tungurahua, Ecuador					
3937	COMPOSITE	*	12.0 TTG (3)	U	A	4425	COMPOSITE	5/32	4.0 TTG	U	A
3938	COMPOSITE	*	15.0 TTG (3)	U	A	4426	COMPOSITE	3/16	5.0 TTG	U	A
3939	COMPOSITE	3/4	19.0 TTG	U	A	4427	COMPOSITE	1/4	6.0 TTG	U	A
4167	COMPOSITE (H)	8-12 LTG (b)	(.030)	U	A	4428	COMPOSITE	5/16	8.0 TTG	U	A
Dongguan Dongfa Glass Product Co., Ltd ; Dongguan City, Guangdong, China						4429	COMPOSITE	3/8	10.0 TTG	U	A
4130	ANSI ONLY	3/16	5.0 TTG	U	A	4430	COMPOSITE (H)	10-12 LTG (b)	(.030)	U	A
4131	ANSI ONLY	1/4	6.0 TTG	U	A	Flat Glass Distributors, Inc. ; Jacksonville, FL					
4132	ANSI ONLY	5/16	8.0 TTG	U	A	3822	COMPOSITE	1/8	3.0 TTG	U	A
4125	ANSI ONLY	3/8	10.0 TTG	U	A	3823	COMPOSITE	3/16	5.0 TTG	U	A
4126	ANSI ONLY	1/2	12.0 TTG	U	A	3824	COMPOSITE	1/4	6.0 TTG	U	A
4127	ANSI ONLY	*	15.0 TTG (3)	U	A	3825	COMPOSITE	3/8	10.0 TTG	U	A
4128	ANSI ONLY	3/4	19.0 TTG	U	A	3826	COMPOSITE	1/2	12.0 TTG	U	A
4129	ANSI ONLY	7/8	22.0 TTG	U	A	3827	COMPOSITE	3/4	19.0 TTG	U	A
4122	COMPOSITE (S)	6 LTG (b)	(.015)	U	A	3828	COMPOSITE	1/8	3.0 TPG (s)	U	A
4123	COMPOSITE (H)	8-12 LTG (b)	(.015)	U	A	3829	COMPOSITE	5/32	4.0 TPG (d)	U	A
4124	COMPOSITE (H)	16 LTG (b)	(.030)	U	A	3830	COMPOSITE	3/16	5.0 TPG (d)	U	A
						Galaxy Glass & Stone ; Fairfield, NJ					
						3661	COMPOSITE (H)	12-16+ LTG (lu)	(.060)	U	A

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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
General Glass ; Portland, OR							Goldray Industries Ltd. ; Calgary, AB Canada						
4031	COMPOSITE	1/8		3.0 TTG	U	A	2444	COMPOSITE	1/8		3.0 TTG	U	A
4032	COMPOSITE	5/32		4.0 TTG	U	A	2445	COMPOSITE	5/32		4.0 TTG	U	A
4033	COMPOSITE	3/16		5.0 TTG	U	A	2446	COMPOSITE	3/16		5.0 TTG	U	A
4034	COMPOSITE	1/4		6.0 TTG	U	A	2447	COMPOSITE	1/4		6.0 TTG	U	A
GGI Glass Distributors Corp. ; Secaucus, NJ							Guangdong Golden Glass Technologies Limited ; Shantou, China						
2928	COMPOSITE	5/32		4.0 TTG	U	A	3941	COMPOSITE	1/4		6.0 TTG	U	A
2226	COMPOSITE	3/16		5.0 TTG	U	A	3942	COMPOSITE	5/16		8.0 TTG	U	A
2227	COMPOSITE	1/4		6.0 TTG	U	A	3943	COMPOSITE	3/8		10.0 TTG	U	A
4248	COMPOSITE	5/16		8.0 TTG	U	A	3944	COMPOSITE	1/2		12.0 TTG	U	A
2282	COMPOSITE	3/8		10.0 TTG	U	A	3945	COMPOSITE	*		15.0 TTG (3)	U	A
2228	COMPOSITE	1/2		12.0 TTG	U	A	3946	COMPOSITE	3/4		19.0 TTG	U	A
3857	COMPOSITE	5/8		16.0 TTG	U	A	3947	COMPOSITE	(H)		10-16+ LTG (b)	(.030) U	A
3858	COMPOSITE	3/4		19.0 TTG	U	A	Guardian Fabrication, Inc. ; Reedley, CA						
3970	COMPOSITE	5/32		4.0 TPG (s)	U	A	4360	COMPOSITE	(S)		6 LTG (b)	(.030) U	A
3971	COMPOSITE	3/16		5.0 TPG (s)	U	A	Guardian Glass of Rogers Corp. ; Rogers, AR						
3972	COMPOSITE	1/4		6.0 TPG (s)	U	A	1355	COMPOSITE	1/8		3.0 TTG	U	A
3973	COMPOSITE	3/8		10.0 TPG (s)	U	A	1616	COMPOSITE	5/32		4.0 TTG	U	A
3974	COMPOSITE	1/2		12.0 TPG (s)	U	A	1356	COMPOSITE	3/16		5.0 TTG	U	A
Glass Design of Miami, Inc. ; Miami, FL							Guardian Industries Canada Corp. ; Rexdale, ON Canada						
3453	COMPOSITE	1/4		6.0 TTG	U	A	1357	COMPOSITE	1/4		6.0 TTG	U	A
3454	COMPOSITE	3/8		10.0 TTG	U	A	1358	COMPOSITE	1/8		3.0 TPG (s)	U	A
3607	COMPOSITE	1/2		12.0 TTG	U	A	1359	COMPOSITE	5/32		4.0 TPG (s)	U	A
Glass Dynamics, Inc. ; Stoneville, NC							Guardian Industries Corp. ; Carleton, MI						
2728	COMPOSITE	1/8		3.0 TTG	U	A	933	COMPOSITE	1/8		3.0 TTG	U	A
2730	COMPOSITE	3/16		5.0 TTG	U	A	934	COMPOSITE	5/32		4.0 TTG	U	A
2732	COMPOSITE	1/4		6.0 TTG	U	A	631	COMPOSITE	3/16		5.0 TTG	U	A
2729	COMPOSITE	3/8		10.0 TTG	U	A	131	COMPOSITE	1/4		6.0 TTG	U	A
2733	COMPOSITE	1/2		12.0 TTG	U	A	Guardian Industries Corp. ; Corsicana, TX						
2731	COMPOSITE	5/8		16.0 TTG	U	A	1248	COMPOSITE	1/8		3.0 TTG	U	A
2734	COMPOSITE	3/4		19.0 TTG	U	A	1249	COMPOSITE	5/32		4.0 TTG	U	A
4413	COMPOSITE	(S)		6 LTG (ip)	(.035) U	A	1250	COMPOSITE	3/16		5.0 TTG	U	A
4414	COMPOSITE	(H)		8-16+ LTG (ip)	(.035) U	A	1251	COMPOSITE	1/4		6.0 TTG	U	A
4376	COMPOSITE	(H)		8-16+ LTG (b)	(.030) U	A	1826	COMPOSITE	5/16		8.0 TTG	U	A
Glass, Inc. ; Englewood, CO							Guardian Industries Corp. ; Carleton, MI						
2185	COMPOSITE	1/8		3.0 TTG	U	A	933	COMPOSITE	1/8		3.0 TTG	U	A
2186	COMPOSITE	3/16		5.0 TTG	U	A	934	COMPOSITE	5/32		4.0 TTG	U	A
2187	COMPOSITE	1/4		6.0 TTG	U	A	631	COMPOSITE	3/16		5.0 TTG	U	A
2188	COMPOSITE	3/8		10.0 TTG	U	A	131	COMPOSITE	1/4		6.0 TTG	U	A
2189	COMPOSITE	1/2		12.0 TTG	U	A	Guardian Industries Corp. ; Corsicana, TX						
2190	COMPOSITE	3/4		19.0 TTG	U	A	1248	COMPOSITE	1/8		3.0 TTG	U	A
2193	COMPOSITE	3/16		5.0 TPG (s)	U	A	1249	COMPOSITE	5/32		4.0 TTG	U	A
GlassDepot, LLC ; Chicago, IL							Guardian Industries Corp. ; Carleton, MI						
3833	COMPOSITE	3/16		5.0 TTG	U	A	933	COMPOSITE	1/8		3.0 TTG	U	A
3834	COMPOSITE	1/4		6.0 TTG	U	A	934	COMPOSITE	5/32		4.0 TTG	U	A
3835	COMPOSITE	3/8		10.0 TTG	U	A	631	COMPOSITE	3/16		5.0 TTG	U	A
3836	COMPOSITE	1/2		12.0 TTG	U	A	131	COMPOSITE	1/4		6.0 TTG	U	A
3837	COMPOSITE	3/16		5.0 TPG (s)	U	A	Guardian Industries Corp. ; Corsicana, TX						
3838	COMPOSITE	3/8		10.0 TPG (s)	U	A	1248	COMPOSITE	1/8		3.0 TTG	U	A
Glenny Glass Co. ; Milford, OH							Guardian Industries Corp. ; Carleton, MI						
3841	COMPOSITE	1/8		3.0 TTG	U	A	933	COMPOSITE	1/8		3.0 TTG	U	A
3843	COMPOSITE	3/16		5.0 TTG	U	A	934	COMPOSITE	5/32		4.0 TTG	U	A
3844	COMPOSITE	1/4		6.0 TTG	U	A	631	COMPOSITE	3/16		5.0 TTG	U	A
3845	COMPOSITE	3/8		10.0 TTG	U	A	131	COMPOSITE	1/4		6.0 TTG	U	A
3846	COMPOSITE	1/2		12.0 TTG	U	A	Guardian Industries Corp. ; Corsicana, TX						
							1248	COMPOSITE	1/8		3.0 TTG	U	A
							1249	COMPOSITE	5/32		4.0 TTG	U	A
							1250	COMPOSITE	3/16		5.0 TTG	U	A
							1251	COMPOSITE	1/4		6.0 TTG	U	A
							1826	COMPOSITE	5/16		8.0 TTG	U	A
							1253	COMPOSITE	3/8		10.0 TTG	U	A
							1803	COMPOSITE	1/2		12.0 TTG	U	A
							2458	COMPOSITE	1/8		3.0 TPG (m)	U	A
							2459	COMPOSITE	5/32		4.0 TPG (m)	U	A
							2460	COMPOSITE	3/16		5.0 TPG (m)	U	A

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SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Guardian Industries Corp. ; DeWitt, IA						Guardian Webster, Inc. ; Webster, MA					
2020	COMPOSITE	1/8	3.0 TTG	U	A	300	COMPOSITE	1/8	3.0 TTG	U	A
2021	COMPOSITE	5/32	4.0 TTG	U	A	1607	COMPOSITE	5/32	4.0 TTG	U	A
2022	COMPOSITE	3/16	5.0 TTG	U	A	1216	COMPOSITE	3/16	5.0 TTG	U	A
2023	COMPOSITE	1/4	6.0 TTG	U	A	662	COMPOSITE	1/4	6.0 TTG	U	A
2024	COMPOSITE	5/16	8.0 TTG	U	A	471	COMPOSITE	3/8	10.0 TTG	U	A
2545	COMPOSITE	3/8	10.0 TTG	U	A	1235	COMPOSITE	1/2	12.0 TTG	U	A
2649	COMPOSITE	1/2	12.0 TTG	U	A	3604	COMPOSITE	1/8	3.0 TPG (s)	U	A
4238	COMPOSITE	1/8	3.0 TPG (s)	U	A	2451	COMPOSITE	5/32	4.0 TPG (m)	U	A
2667	COMPOSITE	5/32	4.0 TPG (s)	U	A	2603	COMPOSITE	3/16	5.0 TPG (m)	U	A
2668	COMPOSITE	3/16	5.0 TPG (s)	U	A	3024	COMPOSITE	7/32	5.5 TPG (s)	U	A
Guardian Industries Corp. ; Geneva, NY						Haida Safety Glass Ltd. ; Wuxi, Jiangsu, China					
2259	COMPOSITE	1/8	3.0 TTG	U	A	2932	COMPOSITE	5/32	4.0 TTG	U	A
2260	COMPOSITE	5/32	4.0 TTG	U	A	2933	COMPOSITE	3/16	5.0 TTG	U	A
2261	COMPOSITE	3/16	5.0 TTG	U	A	2934	COMPOSITE	1/4	6.0 TTG	U	A
2262	COMPOSITE	1/4	6.0 TTG	U	A	2935	COMPOSITE	5/16	8.0 TTG	U	A
3672	COMPOSITE	5/16	8.0 TTG	U	A	2936	COMPOSITE	3/8	10.0 TTG	U	A
2519	COMPOSITE	3/8	10.0 TTG	U	A	3602	COMPOSITE	*	12.0 TTG (4)	U	A
3673	COMPOSITE	1/2	12.0 TTG	U	A	3036	COMPOSITE	5/32	4.0 TPG (m)	U	A
Guardian Industries Corp. ; Kingsburg, CA						Hartung Glass Industries Lami ; Langley, BC Canada					
968	COMPOSITE	1/8	3.0 TTG	U	A	4431	COMPOSITE	(H)	16+ LTG (ip)	(.060) U	A
969	COMPOSITE	5/32	4.0 TTG	U	A	Industrial Tempering Glass ; Brooklyn, NY					
970	COMPOSITE	3/16	5.0 TTG	U	A	3386	COMPOSITE	3/16	5.0 TTG	U	A
971	COMPOSITE	1/4	6.0 TTG	U	A	3387	COMPOSITE	1/4	6.0 TTG	U	A
1303	COMPOSITE	1/8	3.0 TPG (d)	U	A	3418	COMPOSITE	3/8	10.0 TTG	U	A
1301	COMPOSITE	5/32	4.0 TPG (m)	U	A	3419	COMPOSITE	1/2	12.0 TTG	U	A
1304	COMPOSITE	3/16	5.0 TPG (m)	U	A	4240	COMPOSITE	3/4	19.0 TTG	U	A
1882	COMPOSITE	1/4	6.0 TPG (m)	U	A	Insulated Glass of America ; Dallas, NC					
Guardian Industries Corp. ; Richburg, SC						Insulite Glass Co., Inc. ; Olathe, KS					
1630	COMPOSITE	1/8	3.0 TTG	U	A	3859	COMPOSITE	1/8	3.0 TTG	U	A
1631	COMPOSITE	5/32	4.0 TTG	U	A	3860	COMPOSITE	5/32	4.0 TTG	U	A
1632	COMPOSITE	3/16	5.0 TTG	U	A	3861	COMPOSITE	3/16	5.0 TTG	U	A
1633	COMPOSITE	1/4	6.0 TTG	U	A	3862	COMPOSITE	1/4	6.0 TTG	U	A
2382	COMPOSITE	5/16	8.0 TTG	U	A	3863	COMPOSITE	3/8	10.0 TTG	U	A
1634	COMPOSITE	3/8	10.0 TTG	U	A	3864	COMPOSITE	1/2	12.0 TTG	U	A
1683	COMPOSITE	1/8	3.0 TPG (m)	U	A	Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China					
1635	COMPOSITE	5/32	4.0 TPG (m)	U	A	2572	COMPOSITE	1/8	3.0 TTG	U	A
1865	COMPOSITE	3/16	5.0 TPG (m)	U	A	2573	COMPOSITE	5/32	4.0 TTG	U	A
3002	COMPOSITE	1/4	6.0 TPG (m)	U	A	2574	COMPOSITE	3/16	5.0 TTG	U	A
3003	COMPOSITE	3/8	10.0 TPG (m)	U	A	2575	COMPOSITE	1/4	6.0 TTG	U	A
Guardian Millbury Corp. ; Millbury, OH						Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China					
2616	COMPOSITE	1/8	3.0 TTG	U	A	3025	COMPOSITE	5/16	8.0 TTG	U	A
1575	COMPOSITE	5/32	4.0 TTG	U	A	2576	COMPOSITE	3/8	10.0 TTG	U	A
1576	COMPOSITE	3/16	5.0 TTG	U	A	2577	COMPOSITE	1/2	12.0 TTG	U	A
1577	COMPOSITE	1/4	6.0 TTG	U	A	Guardian Walled Lake Fabrication Inc. ; Walled Lake, MI					
Guardian Walled Lake Fabrication Inc. ; Walled Lake, MI						Guardian Walled Lake Fabrication Inc. ; Walled Lake, MI					
2566	COMPOSITE	1/8	3.0 TTG	U	A	2141	COMPOSITE	3/16	5.0 TTG	U	A
2567	COMPOSITE	5/32	4.0 TTG	U	A	2142	COMPOSITE	1/4	6.0 TTG	U	A

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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	
Intigral ; Walton Hills, OH							Maryland Glass & Mirror ; Baltimore, MD							
2050	COMPOSITE	1/8		3.0 TTG	U	A	4318	COMPOSITE	1/8		3.0 TTG	U	A	
2051	COMPOSITE	5/32		4.0 TTG	U	A	4319	COMPOSITE	3/16		5.0 TTG	U	A	
2052	COMPOSITE	3/16		5.0 TTG	U	A	4320	COMPOSITE	1/4		6.0 TTG	U	A	
2055	COMPOSITE	1/4		6.0 TTG	U	A	4321	COMPOSITE	3/8		10.0 TTG	U	A	
3631	COMPOSITE	1/8		3.0 TPG (m)	U	A	4322	COMPOSITE	1/2		12.0 TTG	U	A	
3632	COMPOSITE	3/16		5.0 TPG (m)	U	A	Mega Tempering ; Brooklyn, NY							
Jiangmen SYP Engineering Glass Co., Ltd ; Jiangmen, Guangdong							4299	COMPOSITE	1/4		6.0 TTG	U	A	
4303	COMPOSITE	5/32		4.0 TTG	U	A	4300	COMPOSITE	3/8		10.0 TTG	U	A	
4304	COMPOSITE	3/16		5.0 TTG	U	A	4301	COMPOSITE	1/2		12.0 TTG	U	A	
4305	COMPOSITE	1/4		6.0 TTG	U	A	Mercer Glass Fab LLC ; Trenton, NJ							
4306	COMPOSITE	5/16		8.0 TTG	U	A	4254	COMPOSITE	1/4		6.0 TTG	U	A	
4307	COMPOSITE	3/8		10.0 TTG	U	A	4255	COMPOSITE	3/8		10.0 TTG	U	A	
4308	COMPOSITE	1/2		12.0 TTG	U	A	4256	COMPOSITE	1/2		12.0 TTG	U	A	
4309	COMPOSITE	*		15.0 TTG (3)	U	A	4257	COMPOSITE	1/4		6.0 TPG (m)	U	A	
4310	COMPOSITE	3/4		19.0 TTG	U	A	4258	COMPOSITE	3/8		10.0 TPG (m)	U	A	
4313	COMPOSITE	(S)		6 LTG (ip)	(.035)	U	A	Milgard Tempering ; Dixon, CA						
4311	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A	2842	COMPOSITE	1/4		6.0 TTG	U	A
4312	COMPOSITE	(H)		8 LTG (b)	(.015)	U	A	Milgard Tempering, Inc. ; Tacoma, WA						
Jiaxing B&C Corporation ; Jiaxing, Zhejiang, China							1578	COMPOSITE	1/4		6.0 TTG	U	A	
4389	COMPOSITE	1/4		6.0 TBG	U	A	MLC Windows & Glass ; Shelby Township, MI							
JYC Glass Co. Ltd. ; Zhangcha, Foshan China							3852	COMPOSITE	1/8		3.0 TTG	U	A	
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	Multiver ; Vanier, QC Canada							
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	2499	COMPOSITE	1/4		6.0 TTG	U	A	
4161	COMPOSITE	5/32		4.0 TPG (m)	U	A	Nashville Tempered Glass Corp. ; Nashville, TN							
4162	COMPOSITE	3/16		5.0 TPG (m)	U	A	1416	COMPOSITE	1/8		3.0 TTG	U	A	
4163	COMPOSITE	1/4		6.0 TPG (s)	U	A	2497	COMPOSITE	5/32		4.0 TTG	U	A	
4165	COMPOSITE	3/16		5.0 TBP (m)	U	A	1467	COMPOSITE	3/16		5.0 TTG	U	A	
4166	COMPOSITE	1/4		6.0 TBP (s)	U	A	1417	COMPOSITE	1/4		6.0 TTG	U	A	
3991	COMPOSITE	5/32		4.0 TBG	U	A	2494	COMPOSITE	3/8		10.0 TTG	U	A	
3992	COMPOSITE	3/16		5.0 TBG	U	A	2420	COMPOSITE	1/8		3.0 TPG (s)	U	A	
3993	COMPOSITE	1/4		6.0 TBG	U	A	2417	COMPOSITE	3/16		5.0 TPG (s)	U	A	
3994	COMPOSITE	5/16		8.0 TBG	U	A	Nashville Tempered Glass L.L.C. ; Hendersonville, TN							
Kohler Company ; Union City, TN							2691	ANSI ONLY	5/32		4.0 TTG	U	A	
1979	COMPOSITE	1/8		3.0 TTG	U	A	2692	ANSI ONLY	3/16		5.0 TTG	U	A	
1980	COMPOSITE	5/32		4.0 TTG	U	A	2693	ANSI ONLY	1/4		6.0 TTG	U	A	
1981	COMPOSITE	3/16		5.0 TTG	U	A	2694	ANSI ONLY	3/8		10.0 TTG	U	A	
1982	COMPOSITE	1/4		6.0 TTG	U	A	4148	COMPOSITE	1/2		12.0 TTG	U	A	
2434	COMPOSITE	3/8		10.0 TTG	U	A	Northwest Glass ; Billings, MT							
4012	COMPOSITE	1/2		12.0 TTG	U	A	3649	COMPOSITE	1/8		3.0 TTG	U	A	
1983	COMPOSITE	1/8		3.0 TPG (m)	U	A	3650	COMPOSITE	3/16		5.0 TTG	U	A	
3532	COMPOSITE	5/32		4.0 TPG (m)	U	A	3651	COMPOSITE	1/4		6.0 TTG	U	A	
1984	COMPOSITE	3/16		5.0 TPG (s)	U	A	3652	COMPOSITE	3/8		10.0 TTG	U	A	
2918	COMPOSITE	1/4		6.0 TPG (m)	U	A	3653	COMPOSITE	1/8		3.0 TPG (s)	U	A	
Laurier Glass Ltd. ; Quebec, QC Canada							3655	COMPOSITE	3/16		5.0 TPG (m)	U	A	
2721	COMPOSITE	3/8		10.0 TTG	U	A	M/M Tempering Inc. ; Loganville, GA							
2720	COMPOSITE	1/2		12.0 TTG	U	A	4280	COMPOSITE	1/4		6.0 TTG	U	A	
M/M Tempering Inc. ; Loganville, GA							4281	COMPOSITE	3/8		10.0 TTG	U	A	
4280	COMPOSITE	1/4		6.0 TTG	U	A	4282	COMPOSITE	1/2		12.0 TTG	U	A	
4281	COMPOSITE	3/8		10.0 TTG	U	A								
4282	COMPOSITE	1/2		12.0 TTG	U	A								

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope™ ; Albertville, MN							Oldcastle BuildingEnvelope™ ; Concord, ON Canada						
3104	COMPOSITE	1/8		3.0 TTG	U	A	3439	COMPOSITE	1/8		3.0 TTG	U	A
3105	COMPOSITE	5/32		4.0 TTG	U	A	3440	COMPOSITE	5/32		4.0 TTG	U	A
3106	COMPOSITE	3/16		5.0 TTG	U	A	3441	COMPOSITE	3/16		5.0 TTG	U	A
3107	COMPOSITE	1/4		6.0 TTG	U	A	3442	COMPOSITE	1/4		6.0 TTG	U	A
3108	COMPOSITE	3/8		10.0 TTG	U	A	3443	COMPOSITE	5/16		8.0 TTG	U	A
3109	COMPOSITE	1/2		12.0 TTG	U	A	3444	COMPOSITE	3/8		10.0 TTG	U	A
3110	COMPOSITE	5/8		16.0 TTG	U	A	3445	COMPOSITE	1/2		12.0 TTG	U	A
3111	COMPOSITE	3/4		19.0 TTG	U	A	3446	COMPOSITE	5/8		16.0 TTG	U	A
3112	COMPOSITE	5/32		4.0 TPG (s)	U	A	3447	COMPOSITE	3/4		19.0 TTG	U	A
3113	COMPOSITE	3/16		5.0 TPG (s)	U	A	4423	COMPOSITE	1/8		3.0 TPG (s)	U	A
3114	COMPOSITE	7/32		5.5 TPG (s)	U	A	4424	COMPOSITE	3/16		5.0 TPG (s)	U	A
3561	COMPOSITE	1/4		6.0 TPG (s)	U	A	3448	COMPOSITE	3/8		10.0 TPG (s)	U	A
3127	COMPOSITE	3/8		10.0 TPG (m)	U	A	Oldcastle BuildingEnvelope™ ; Covington, GA						
Oldcastle BuildingEnvelope™ ; Battle Ground, WA							3329	COMPOSITE	1/8		3.0 TTG	U	A
3219	COMPOSITE	1/8		3.0 TTG	U	A	3330	COMPOSITE	5/32		4.0 TTG	U	A
3220	COMPOSITE	5/32		4.0 TTG	U	A	3331	COMPOSITE	3/16		5.0 TTG	U	A
3221	COMPOSITE	3/16		5.0 TTG	U	A	3332	COMPOSITE	1/4		6.0 TTG	U	A
3222	COMPOSITE	1/4		6.0 TTG	U	A	3333	COMPOSITE	3/8		10.0 TTG	U	A
3223	COMPOSITE	5/16		8.0 TTG	U	A	3334	COMPOSITE	1/2		12.0 TTG	U	A
3224	COMPOSITE	3/8		10.0 TTG	U	A	3335	COMPOSITE	3/4		19.0 TTG	U	A
3225	COMPOSITE	1/2		12.0 TTG	U	A	3336	COMPOSITE	1/8		3.0 TPG (s)	U	A
3226	COMPOSITE	1/8		3.0 TPG (s)	U	A	3337	COMPOSITE	5/32		4.0 TPG (s)	U	A
3227	COMPOSITE	5/32		4.0 TPG (d)	U	A	3338	COMPOSITE	3/16		5.0 TPG (m)	U	A
3228	COMPOSITE	3/16		5.0 TPG (m)	U	A	3339	COMPOSITE	1/4		6.0 TPG (m)	U	A
3229	COMPOSITE	1/4		6.0 TPG (m)	U	A	3340	COMPOSITE	3/8		10.0 TPG (s)	U	A
3230	COMPOSITE	3/8		10.0 TPG (m)	U	A	Oldcastle BuildingEnvelope™ ; Denver, CO						
Oldcastle BuildingEnvelope™ ; Bensenville, IL							3310	COMPOSITE	1/8		3.0 TTG	U	A
4155	COMPOSITE	1/8		3.0 TTG	U	A	3311	COMPOSITE	5/32		4.0 TTG	U	A
3593	COMPOSITE	3/16		5.0 TTG	U	A	3312	COMPOSITE	3/16		5.0 TTG	U	A
1382	COMPOSITE	1/4		6.0 TTG	U	A	3313	COMPOSITE	1/4		6.0 TTG	U	A
3594	COMPOSITE	5/16		8.0 TTG	U	A	4151	COMPOSITE	5/16		8.0 TTG	U	A
1383	COMPOSITE	3/8		10.0 TTG	U	A	3314	COMPOSITE	3/8		10.0 TTG	U	A
1384	COMPOSITE	1/2		12.0 TTG	U	A	3315	COMPOSITE	1/2		12.0 TTG	U	A
3595	COMPOSITE	3/4		19.0 TTG	U	A	4245	COMPOSITE	3/4		19.0 TTG	U	A
3596	COMPOSITE	3/16		5.0 TPG (m)	U	A	3317	COMPOSITE	1/8		3.0 TPG (s)	U	A
3597	COMPOSITE	1/4		6.0 TPG (d)	U	A	3318	COMPOSITE	5/32		4.0 TPG (d)	U	A
3598	COMPOSITE	3/8		10.0 TPG (d)	U	A	3319	COMPOSITE	3/16		5.0 TPG (m)	U	A
2308	COMPOSITE	1/4		6.0 TBG	U	A	3320	COMPOSITE	1/4		6.0 TPG (s)	U	A
3753	COMPOSITE	5/16		8.0 TBG	U	A	3321	COMPOSITE	3/8		10.0 TPG (s)	U	A
1536	COMPOSITE	3/8		10.0 TBG	U	A	Oldcastle BuildingEnvelope™ ; Fremont, CA						
2053	COMPOSITE	1/2		12.0 TBG	U	A	3191	COMPOSITE	1/8		3.0 TTG	U	A
3671	COMPOSITE	3/4		19.0 TBG	U	A	3192	COMPOSITE	5/32		4.0 TTG	U	A
Oldcastle BuildingEnvelope™ ; Calgary, AB Canada							3193	COMPOSITE	3/16		5.0 TTG	U	A
3263	COMPOSITE	1/8		3.0 TTG	U	A	3194	COMPOSITE	1/4		6.0 TTG	U	A
3264	COMPOSITE	5/32		4.0 TTG	U	A	3195	COMPOSITE	3/8		10.0 TTG	U	A
3265	COMPOSITE	3/16		5.0 TTG	U	A	3196	COMPOSITE	1/2		12.0 TTG	U	A
3266	COMPOSITE	1/4		6.0 TTG	U	A	3197	COMPOSITE	3/4		19.0 TTG	U	A
3267	COMPOSITE	5/16		8.0 TTG	U	A	3199	COMPOSITE	1/8		3.0 TPG (s)	U	A
3268	COMPOSITE	3/8		10.0 TTG	U	A	3200	COMPOSITE	5/32		4.0 TPG (s)	U	A
3269	COMPOSITE	1/2		12.0 TTG	U	A	3201	COMPOSITE	3/16		5.0 TPG (m)	U	A
3270	COMPOSITE	5/8		16.0 TTG	U	A	3907	COMPOSITE	1/4		6.0 TPG (m)	U	A
3271	COMPOSITE	3/4		19.0 TTG	U	A	3203	COMPOSITE	3/8		10.0 TPG (s)	U	A
3272	COMPOSITE	1/8		3.0 TPG (m)	U	A							
3273	COMPOSITE	5/32		4.0 TPG (d)	U	A							
3274	COMPOSITE	3/16		5.0 TPG (d)	U	A							
3275	COMPOSITE	1/4		6.0 TPG (m)	U	A							
3262	COMPOSITE	3/8		10.0 TPG (d)	U	A							

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS		
Oldcastle BuildingEnvelope™ ; Grand Prairie, TX							Oldcastle BuildingEnvelope™ ; Langley, BC Canada								
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 (m)	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	Oldcastle BuildingEnvelope™ ; Los Angeles, CA							
Oldcastle BuildingEnvelope™ ; Hauppauge, NY							1608	COMPOSITE	1/8		3.0 TTG	U	A		
1546	COMPOSITE	1/8		3.0 TTG	U	A	1609	COMPOSITE	5/32		4.0 TTG	U	A		
1547	COMPOSITE	3/16		5.0 TTG	U	A	630	COMPOSITE	3/16		5.0 TTG	U	A		
1548	COMPOSITE	1/4		6.0 TTG	U	A	514	COMPOSITE	1/4		6.0 TTG	U	A		
4180	COMPOSITE	5/16		8.0 TTG	U	A	4400	COMPOSITE	5/16		8.0 TTG	U	A		
1549	COMPOSITE	3/8		10.0 TTG	U	A	515	COMPOSITE	3/8		10.0 TTG	U	A		
1550	COMPOSITE	1/2		12.0 TTG	U	A	516	COMPOSITE	1/2		12.0 TTG	U	A		
4181	COMPOSITE	5/8		16.0 TTG	U	A	4387	COMPOSITE	5/8		16.0 TTG	U	A		
1551	COMPOSITE	3/4		19.0 TTG	U	A	2074	COMPOSITE	3/4		19.0 TTG	U	A		
3492	COMPOSITE	3/16		5.0 TPG (d)	U	A	935	COMPOSITE	3/16		5.0 TPG (s)	U	A		
Oldcastle BuildingEnvelope™ ; Houston, TX							4133	COMPOSITE	1/4		6.0 TPG (s)	U	A		
3156	COMPOSITE	1/8		3.0 TTG	U	A	3793	COMPOSITE	3/8		10.0 TPG (d)	U	A		
3157	COMPOSITE	5/32		4.0 TTG	U	A	4346	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A	
3158	COMPOSITE	3/16		5.0 TTG	U	A	Oldcastle BuildingEnvelope™ ; Miami, FL								
3159	COMPOSITE	1/4		6.0 TTG	U	A	3496	COMPOSITE	1/8		3.0 TTG	U	A		
3160	COMPOSITE	3/8		10.0 TTG	U	A	3497	COMPOSITE	3/16		5.0 TTG	U	A		
3161	COMPOSITE	1/2		12.0 TTG	U	A	3498	COMPOSITE	1/4		6.0 TTG	U	A		
3163	COMPOSITE	5/32		4.0 TPG (d)	U	A	3499	COMPOSITE	3/8		10.0 TTG	U	A		
3164	COMPOSITE	3/16		5.0 TPG (m)	U	A	3500	COMPOSITE	1/2		12.0 TTG	U	A		
3165	COMPOSITE	1/4		6.0 TPG (m)	U	A	3501	COMPOSITE	1/8		3.0 TPG (s)	U	A		
3166	COMPOSITE	3/8		10.0 TPG (s)	U	A	3502	COMPOSITE	3/16		5.0 TPG (m)	U	A		
4401	COMPOSITE	(H)		12 LTG (ip)	.090	U	A	3503	COMPOSITE	3/8		10.0 TPG (s)	U	A	
4402	COMPOSITE	(H)		16 LTG (b)	.030	U	A	4001	COMPOSITE	(S)		6 LTG (b)	(.030)	U	A
Oldcastle BuildingEnvelope™ ; Indianapolis, IN							4397	COMPOSITE	(S)		6 LTG (ip)	(.030)	U	A	
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	4399	COMPOSITE	(H)		8-16+ LTG (ip)	(.030)	U	A	
2211	COMPOSITE	3/16		5.0 TTG	U	A	Oldcastle BuildingEnvelope™ ; Montreal, QC Canada								
2212	COMPOSITE	1/4		6.0 TTG	U	A	1996	COMPOSITE	1/8		3.0 TTG	U	A		
2213	COMPOSITE	3/8		10.0 TTG	U	A	4247	COMPOSITE	5/32		4.0 TTG	U	A		
2214	COMPOSITE	1/2		12.0 TTG	U	A	1997	COMPOSITE	3/16		5.0 TTG	U	A		
2215	COMPOSITE	3/16		5.0 TPG (s)	U	A	2543	COMPOSITE	1/4		6.0 TTG	U	A		
3259	COMPOSITE	3/8		10.0 TPG (s)	U	A	2884	COMPOSITE	5/16		8.0 TTG	U	A		
							2544	COMPOSITE	3/8		10.0 TTG	U	A		
							2062	COMPOSITE	1/2		12.0 TTG	U	A		
							2063	COMPOSITE	5/8		16.0 TTG	U	A		
							2885	COMPOSITE	3/4		19.0 TTG	U	A		
							4434	COMPOSITE	(S)		6 LTG (b)	(.015)	U	A	
							4432	COMPOSITE	(S)		6 LTG (ip)	(.035)	U	A	
							4433	COMPOSITE	(H)		8, 12-16+ LTG (ip)	(.035)	U	A	
							4435	COMPOSITE	(H)		8-10 LTG (b)	(.015)	U	A	
							4436	COMPOSITE	(H)		12-16+ LTG (b)	(.030)	U	A	

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope™ ; Moorestown, NJ							Oldcastle BuildingEnvelope™ ; Schofield, WI						
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	3175	COMPOSITE	(S)		3 LTG (b)(C1)	(.015) U	B
Oldcastle BuildingEnvelope™ ; Perrysburg, OH							Oldcastle BuildingEnvelope™ ; Shawnee, OK						
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	4348	COMPOSITE	5/16		8.0 TTG	U	A
3237	COMPOSITE	3/8		10.0 TTG	U	A	3099	COMPOSITE	3/8		10.0 TTG	U	A
3238	COMPOSITE	1/2		12.0 TTG	U	A	3100	COMPOSITE	1/2		12.0 TTG	U	A
3239	COMPOSITE	5/8		16.0 TTG	U	A	3101	COMPOSITE	1/8		3.0 TPG (m)	U	A
3240	COMPOSITE	3/4		19.0 TTG	U	A	3102	COMPOSITE	5/32		4.0 TPG (m)	U	A
3242	COMPOSITE	1/8		3.0 TPG (s)	U	A	3103	COMPOSITE	3/16		5.0 TPG (m)	U	A
3243	COMPOSITE	3/16		5.0 TPG (m)	U	A	Oldcastle BuildingEnvelope™ ; Tampa, FL						
3244	COMPOSITE	1/4		6.0 TPG (m)	U	A	3116	COMPOSITE	1/8		3.0 TTG	U	A
3245	COMPOSITE	3/8		10.0 TPG (m)	U	A	3118	COMPOSITE	3/16		5.0 TTG	U	A
3241	COMPOSITE	(S)		6 LTG (b)	(.030) U	A	3119	COMPOSITE	1/4		6.0 TTG	U	A
4447	COMPOSITE	(H)		8 LTG (b)	(.060) U	A	3120	COMPOSITE	3/8		10.0 TTG	U	A
4445	COMPOSITE	(H)		8 LTG (ip)	(.060) U	A	3121	COMPOSITE	1/2		12.0 TTG	U	A
4446	COMPOSITE	(H)		10-16+ LTG (b)	(.030) U	A	3122	COMPOSITE	1/8		3.0 TPG (s)	U	A
4444	COMPOSITE	(H)		10-16+ LTG (ip)	(.035) U	A	3124	COMPOSITE	3/16		5.0 TPG (m)	U	A
Oldcastle BuildingEnvelope™ ; Phoenix, AZ							Oldcastle BuildingEnvelope™ ; Warrenton, MO						
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	4451	COMPOSITE	(H)		8-16+ LTG (ip)	(.030) U	A
3133	COMPOSITE	1/2		12.0 TTG	U	A	4449	COMPOSITE	(H)		8-16+ LTG (b)	(.030) U	A
3134	COMPOSITE	1/8		3.0 TPG (s)	U	A	Oldcastle BuildingEnvelope™ ; Warrenton, MO						
3135	COMPOSITE	5/32		4.0 TPG (s)	U	A	3144	COMPOSITE	1/8		3.0 TTG	U	A
3136	COMPOSITE	3/16		5.0 TPG (m)	U	A	3145	COMPOSITE	5/32		4.0 TTG	U	A
3999	COMPOSITE	1/4		6.0 TPG (s)	U	A	3146	COMPOSITE	3/16		5.0 TTG	U	A
3729	COMPOSITE	3/8		10.0 TPG (s)	U	A	3147	COMPOSITE	1/4		6.0 TTG	U	A
Oldcastle BuildingEnvelope™ ; Rock Hill, SC							Oldcastle BuildingEnvelope™ ; Warrenton, MO						
3276	COMPOSITE	1/8		3.0 TTG	U	A	3796	COMPOSITE	5/16		8.0 TTG	U	A
3462	COMPOSITE	5/32		4.0 TTG	U	A	3148	COMPOSITE	3/8		10.0 TTG	U	A
3277	COMPOSITE	3/16		5.0 TTG	U	A	3149	COMPOSITE	1/2		12.0 TTG	U	A
3278	COMPOSITE	1/4		6.0 TTG	U	A	3152	COMPOSITE	5/32		4.0 TPG (s)	U	A
3279	COMPOSITE	3/8		10.0 TTG	U	A	3153	COMPOSITE	3/16		5.0 TPG (m)	U	A
3280	COMPOSITE	1/2		12.0 TTG	U	A	3154	COMPOSITE	1/4		6.0 TPG (m)	U	A
3281	COMPOSITE	1/8		3.0 TPG (s)	U	A	3155	COMPOSITE	3/8		10.0 TPG (d)	U	A
3283	COMPOSITE	3/16		5.0 TPG (d)	U	A							
3284	COMPOSITE	1/4		6.0 TPG (d)	U	A							
3285	COMPOSITE	3/8		10.0 TPG (d)	U	A							

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SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM) TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope™ ; Wright City, MO						PPG Inds., Inc. ; Wichita Falls, TX					
3137	COMPOSITE	1/8	3.0 TTG	U	A	1110	COMPOSITE	1/8	3.0 TTG	U	A
3138	COMPOSITE	5/32	4.0 TTG	U	A	1111	COMPOSITE	5/32	4.0 TTG	U	A
3139	COMPOSITE	3/16	5.0 TTG	U	A	1112	COMPOSITE	3/16	5.0 TTG	U	A
3140	COMPOSITE	1/4	6.0 TTG	U	A	1113	COMPOSITE	1/4	6.0 TTG	U	A
3141	COMPOSITE	5/16	8.0 TTG	U	A	3577	COMPOSITE	5/16	8.0 TTG	U	A
3142	COMPOSITE	3/8	10.0 TTG	U	A	3578	COMPOSITE	3/8	10.0 TTG	U	A
3143	COMPOSITE	1/2	12.0 TTG	U	A	Prelco, Inc. ; Riviere-du-Loup, QC Canada					
Patio Enclosures, Inc. ; Macedonia, OH						2034	COMPOSITE	1/8	3.0 TTG	U	A
2056	COMPOSITE	1/8	3.0 TTG	U	A	2035	COMPOSITE	5/32	4.0 TTG	U	A
2057	COMPOSITE	5/32	4.0 TTG	U	A	2713	COMPOSITE	3/16	5.0 TTG	U	A
2058	COMPOSITE	3/16	5.0 TTG	U	A	2015	COMPOSITE	1/4	6.0 TTG	U	A
3015	COMPOSITE	1/4	6.0 TTG	U	A	2751	COMPOSITE	5/16	8.0 TTG	U	A
Pennsylvania Insulating Glass ; Lewistown, PA						2381	COMPOSITE	3/8	10.0 TTG	U	A
3918	COMPOSITE	(S)	5-6 LTG (b)	(.030) U	A	2048	COMPOSITE	1/2	12.0 TTG	U	A
3919	COMPOSITE	(H)	8-10 LTG (b)	(.030) U	A	PT Abebersa Pratama ; Bekasi, Indonesia					
PPG Industries ; Langley, BC						3905	COMPOSITE	5/32	4.0 TTG	U	A
3538	COMPOSITE	1/8	3.0 TTG	U	A	3906	COMPOSITE	3/16	5.0 TTG	U	A
3539	COMPOSITE	5/32	4.0 TTG	U	A	PT Surya Adhitia Fortuna Glass c/o Vetro Inc. ; Tangerang, Indonesia					
3540	COMPOSITE	3/16	5.0 TTG	U	A	2752	COMPOSITE	3/16	5.0 TTG	U	A
3541	COMPOSITE	1/4	6.0 TTG	U	A	QBP Co., Ltd. ; Qinhuangdao City, China					
3542	COMPOSITE	5/16	8.0 TTG	U	A	3092	COMPOSITE	1/8	3.0 TTG	U	A
3543	COMPOSITE	3/8	10.0 TTG	U	A	3643	COMPOSITE	5/32	4.0 TTG	U	A
3544	COMPOSITE	1/2	12.0 TTG	U	A	Qinhuangdao Dawei Glass Products Co. Ltd. ; Qinhuangdao City, Hebei China					
3547	COMPOSITE	1/8	3.0 TPG (s)	U	A	4253	COMPOSITE	1/8	3.0 TTG	U	A
3548	COMPOSITE	5/32	4.0 TPG (d)	U	A	Qinhuangdao Detai Tempered Glass Co., Ltd. ; Qinhuangdao City, Hebei China					
3549	COMPOSITE	3/16	5.0 TPG (m)	U	A	4156	COMPOSITE	1/8	3.0 TTG	U	A
3711	COMPOSITE	1/4	6.0 TPG (m)	U	A	Qinhuangdao GaoPeng Foam Plastic Co. Ltd. ; Qinhuangdao City, China					
PGT Industries ; Nokomis, FL						4341	COMPOSITE	1/8	3.0 TTG	U	A
2389	COMPOSITE	1/8	3.0 TTG	U	A	Qinhuangdao High-Tech Energy-Saving Dorwin Co Ltd ; Qinhuangdao City, China					
2390	COMPOSITE	3/16	5.0 TTG	U	A	4140	COMPOSITE	1/8	3.0 TPG (d)	U	A
2391	COMPOSITE	1/4	6.0 TTG	U	A	Qinhuangdao Jixiang Glass Industry ; Qinhuangdao, Hebei Province, China					
3880	COMPOSITE	1/8	3.0 TPG (s)	U	A	2974	COMPOSITE	1/8	3.0 TTG	U	A
3881	COMPOSITE	3/16	5.0 TPG (s)	U	A	3660	COMPOSITE	1/4	6.0 TPG (d)	U	A
3482	COMPOSITE	(H)	8-12 LTG (ip)	(.090) U	A	Qinhuangdao Kunping Safety Glass Co. Ltd. ; Qinhuangdao City, China					
2426	COMPOSITE	(H)	8-12 LTG (b)	(.060) U	A	3730	COMPOSITE	1/8	3.0 TTG	U	A
PGT Industries ; Salisbury, NC						QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, China					
3514	COMPOSITE	1/8	3.0 TTG	U	A	3690	COMPOSITE	1/8	3.0 TTG	U	A
3515	COMPOSITE	3/16	5.0 TTG	U	A	Quaker Window Products, Inc. ; Freeburg, MO					
3516	COMPOSITE	1/4	6.0 TTG	U	A	2985	COMPOSITE	1/8	3.0 TTG	U	A
4177	COMPOSITE	1/8	3.0 TPG (s)	U	A	2986	COMPOSITE	3/16	5.0 TTG	U	A
4178	COMPOSITE	3/16	5.0 TPG (s)	U	A	3485	COMPOSITE	1/4	6.0 TTG	U	A
4157	COMPOSITE	(S)	6 LTG (b)	(.030) U	A	2968	COMPOSITE	1/8	3.0 TPG (m)	U	A
3522	COMPOSITE	(H)	8-12 LTG (ip)	(.090) U	A	2969	COMPOSITE	5/32	4.0 TPG (IN)(m)	U	A
3519	COMPOSITE	(H)	8-12 LTG (b)	(.030) U	A	3486	COMPOSITE	3/16	5.0 TPG (m)	U	A
PPG Inds., Inc. ; Burlington, IA						2970	COMPOSITE	1/4	6.0 TPG (IN)(m)	U	A
1605	COMPOSITE	1/8	3.0 TTG	U	A	PPG Inds., Inc. ; Carlisle, PA					
1606	COMPOSITE	5/32	4.0 TTG	U	A	250	COMPOSITE	1/8	3.0 TTG	U	A
1603	COMPOSITE	3/16	5.0 TTG	U	A	675	COMPOSITE	5/32	4.0 TTG	U	A
1604	COMPOSITE	1/4	6.0 TTG	U	A	249	COMPOSITE	3/16	5.0 TTG	U	A
PPG Inds., Inc. ; Carlisle, PA						382	ANSI ONLY	1/4	6.0 TTG	U	A

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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
Quality Glass & Mirror, Inc. ; Des Plaines, IL							Shanghai Haojing Glass Co. Ltd. ; Shanghai, China						
2981	COMPOSITE	3/16		5.0 TTG	U	A	4262	COMPOSITE	1/2		12.0 TTG	U	A
2982	COMPOSITE	1/4		6.0 TTG	U	A	4263	COMPOSITE	(H)		16+ LTG (b)	(.060) U	A
2983	COMPOSITE	3/8		10.0 TTG	U	A	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB ; Shanghai, China						
2984	COMPOSITE	1/2		12.0 TTG	U	A	2778	COMPOSITE	5/32		4.0 TTG	U	A
3805	COMPOSITE	3/4		19.0 TTG	U	A	2777	COMPOSITE	3/16		5.0 TTG	U	A
Ready Glass & Mirror, Inc. ; Hialeah, FL							2761	COMPOSITE	1/4		6.0 TTG	U	A
3745	COMPOSITE	3/16		5.0 TTG	U	A	2762	COMPOSITE	5/16		8.0 TTG	U	A
3746	COMPOSITE	1/4		6.0 TTG	U	A	2696	COMPOSITE	3/8		10.0 TTG	U	A
3747	COMPOSITE	3/8		10.0 TTG	U	A	2763	COMPOSITE	1/2		12.0 TTG	U	A
3748	COMPOSITE	1/2		12.0 TTG	U	A	2786	COMPOSITE	*		15.0 TTG (4)	U	A
4136	COMPOSITE	3/16		5.0 TPG (s)	U	A	2779	COMPOSITE	(S)		6 LTG (b)	(.030) U	A
Refrigeration & Display Components LLC ; Yangzhou, China							4353	COMPOSITE	(H)		8 LTG (b)	(.030) U	A
4288	COMPOSITE	3/16		5.0 TBG	U	A	2780	COMPOSITE	(H)		10-16+ LTG (b)	(.015) U	A
4289	COMPOSITE	1/4		6.0 TBG	U	A	Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE ; Shanghai, China						
RF Supply, Inc. ; Bradenton, FL							4067	COMPOSITE	5/32		4.0 TTG	U	A
4222	COMPOSITE	1/8		3.0 TTG	U	A	4068	COMPOSITE	3/16		5.0 TTG	U	A
4224	COMPOSITE	3/16		5.0 TTG	U	A	4069	COMPOSITE	1/4		6.0 TTG	U	A
4225	COMPOSITE	1/4		6.0 TTG	U	A	4070	COMPOSITE	5/16		8.0 TTG	U	A
4226	COMPOSITE	3/8		10.0 TTG	U	A	4071	COMPOSITE	3/8		10.0 TTG	U	A
4227	COMPOSITE	1/2		12.0 TTG	U	A	4072	COMPOSITE	1/2		12.0 TTG	U	A
4229	COMPOSITE	3/16		5.0 TPG (d)	U	A	4073	COMPOSITE	*		15.0 TTG (3)	U	A
4230	COMPOSITE	3/8		10.0 TPG (d)	U	A	4074	COMPOSITE	3/4		19.0 TTG	U	A
Rochester Insulated Glass ; Rochester, NY							Shanghai Yaohua Pilkington Glass Co. Tianjin SYPE ; Tianjin, China						
4065	COMPOSITE	1/4		6.0 TTG	U	A	4075	COMPOSITE	3/16		5.0 TTG	U	A
Saint Gobain Mexico, S.A. de C.V. ; Morelos, Mexico							4076	COMPOSITE	1/4		6.0 TTG	U	A
2743	COMPOSITE	(S)		6 LTG (b)	(.030) U	A	4077	COMPOSITE	5/16		8.0 TTG	U	A
2269	ANSI ONLY	(S)		6 LTG (b)	(.015) U	B	4078	COMPOSITE	3/8		10.0 TTG	U	A
2332	COMPOSITE	(H)		8, 12 LTG (b)	(.030) U	A	4079	COMPOSITE	*		12.0 TTG (3)	U	A
2267	ANSI ONLY	(H)		8-10 LTG (b)	(.015) U	B	4080	COMPOSITE	*		15.0 TTG (3)	U	A
3479	COMPOSITE	(H)		10 LTG (b)	(.090) U	A	4081	COMPOSITE	3/4		19.0 TTG	U	A
Saint-Gobain SOVIS ; Thierry, France							4083	COMPOSITE	(S)		6 LTG (b)	(.030) U	A
2769	COMPOSITE	1/8		3.0 TTG (IN)	U	A	4084	COMPOSITE	(H)		8-16+ LTG (b)	(.015) U	A
2248	COMPOSITE	1/4		6.0 TTG	U	A	Shaw Glass Co. ; S. Easton, MA						
1992	COMPOSITE	5/32		4.0 TBG (IN)	U	A	3001	COMPOSITE	1/8		3.0 TTG	U	A
2770	COMPOSITE	3/16		5.0 TBG	U	A	1871	COMPOSITE	3/16		5.0 TTG	U	A
1864	COMPOSITE	1/4		6.0 TBG	U	A	1035	COMPOSITE	1/4		6.0 TTG	U	A
SCHOTT Gemtron - Sweetwater ; Sweetwater, TN							1036	COMPOSITE	3/8		10.0 TTG	U	A
1334	COMPOSITE	1/8		3.0 TTG	U	A	1037	COMPOSITE	1/2		12.0 TTG	U	A
1332	COMPOSITE	5/32		4.0 TTG	U	A	1939	COMPOSITE	3/16		5.0 TPG (s)	U	A
1201	COMPOSITE	3/16		5.0 TTG	U	A	Shenzhen Jiayeda Glass Processing Co., LTD ; Shenzhen City, Guangdong						
1477	COMPOSITE	1/4		6.0 TTG	U	A	4439	COMPOSITE	5/32		4.0 TTG	U	A
1422	COMPOSITE	1/8		3.0 TPG (s)	U	A	4440	COMPOSITE	1/4		6.0 TTG	U	A
1424	COMPOSITE	5/32		4.0 TPG (s)	U	A	4441	COMPOSITE	5/32		4.0 TPG (s)	U	A
SCHOTT Gemtron - Vincennes ; Vincennes, IN													
2951	COMPOSITE	1/8		3.0 TTG	U	A							
SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada													
3067	COMPOSITE	1/8		3.0 TTG	U	A							
3659	COMPOSITE	5/32		4.0 TTG	U	A							
3636	COMPOSITE	3/16		5.0 TTG	U	A							
3637	COMPOSITE	1/4		6.0 TTG	U	A							

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SIGCO, Inc. ; Portland, ME							Syracuse Glass Company ; Syracuse, NY						
2961	COMPOSITE	1/8		3.0 TTG	U	A	2654	COMPOSITE	1/8		3.0 TTG	U	A
2962	COMPOSITE	5/32		4.0 TTG	U	A	2957	COMPOSITE	3/16		5.0 TTG	U	A
2963	COMPOSITE	3/16		5.0 TTG	U	A	2656	COMPOSITE	1/4		6.0 TTG	U	A
2964	COMPOSITE	1/4		6.0 TTG	U	A	2958	COMPOSITE	3/8		10.0 TTG	U	A
2965	COMPOSITE	3/8		10.0 TTG	U	A	2657	COMPOSITE	1/2		12.0 TTG	U	A
2966	COMPOSITE	1/2		12.0 TTG	U	A	Tai Shan City Da Heng Art Glass Ltd. ; Guang Dong, China						
4326	COMPOSITE	5/8		16.0 TTG	U	A	3787	COMPOSITE	1/8		3.0 TTG	U	A
4327	COMPOSITE	3/4		19.0 TTG	U	A	3788	COMPOSITE	5/32		4.0 TTG	U	A
2967	COMPOSITE	5/32		4.0 TPG (m)	U	A	3789	COMPOSITE	3/16		5.0 TTG	U	A
3028	COMPOSITE	3/16		5.0 TPG (m)	U	A	3790	COMPOSITE	1/4		6.0 TTG	U	A
4206	COMPOSITE	3/8		10.0 TPG (s)	U	A	Taiwan Glass Industry Corporation ; Taipei, Taiwan						
Simonton Windows ; McAlester, OK							3886	COMPOSITE	5/32		4.0 TTG	U	A
3369	COMPOSITE	1/8		3.0 TTG	U	A	3887	COMPOSITE	3/16		5.0 TTG	U	A
3370	COMPOSITE	3/16		5.0 TTG	U	A	3888	COMPOSITE	1/4		6.0 TTG	U	A
3384	COMPOSITE	(H)		8 LTG (b)	(.090) U	A	3889	COMPOSITE	5/16		8.0 TTG	U	A
Simonton Windows ; Parkersburg, WV							3890	COMPOSITE	3/8		10.0 TTG	U	A
2887	COMPOSITE	1/8		3.0 TTG	U	A	3891	COMPOSITE	1/2		12.0 TTG	U	A
2888	COMPOSITE	3/16		5.0 TTG	U	A	3892	COMPOSITE	(S)		6 LTG (b)	(.015) U	A
Southern Wholesale Glass, Inc. ; Americus, GA							3893	COMPOSITE	(H)		12 LTG (b)	(.015) U	A
4192	COMPOSITE	3/16		5.0 TTG	U	A	Techni-Glass, Inc. ; Surgoinsville, TN						
4193	COMPOSITE	1/4		6.0 TTG	U	A	2547	COMPOSITE	1/8		3.0 TTG	U	A
4194	COMPOSITE	1/2		3.0 TPG (s)	U	A	2548	COMPOSITE	5/32		4.0 TTG	U	A
4195	COMPOSITE	3/16		5.0 TPG (s)	U	A	2549	COMPOSITE	3/16		5.0 TTG	U	A
Southwest Glass Products Inc. ; London, Ontario Canada							2975	COMPOSITE	1/4		6.0 TTG	U	A
3978	COMPOSITE	1/8		3.0 TTG	U	A	3062	COMPOSITE	3/8		10.0 TTG	U	A
4278	COMPOSITE	5/32		4.0 TTG	U	A	3061	COMPOSITE	1/8		3.0 TPG (m)	U	A
3979	COMPOSITE	3/16		5.0 TTG	U	A	2550	COMPOSITE	3/16		5.0 TPG (m)	U	A
3980	COMPOSITE	1/4		6.0 TTG	U	A	3060	COMPOSITE	1/4		6.0 TPG (m)	U	A
3981	COMPOSITE	3/8		10.0 TTG	U	A	Tecnoglass S.A. ; Barranquilla, Colombia						
Sovis North America, Inc. ; Madison, GA							2133	COMPOSITE	1/8		3.0 TTG	U	A
3249	COMPOSITE	1/8		3.0 TTG	U	A	2287	COMPOSITE	5/32		4.0 TTG	U	A
3027	COMPOSITE	5/32		4.0 TTG	U	A	1993	COMPOSITE	3/16		5.0 TTG	U	A
2352	COMPOSITE	3/16		5.0 TTG	U	A	1994	COMPOSITE	1/4		6.0 TTG	U	A
2353	COMPOSITE	1/4		6.0 TTG	U	A	2134	COMPOSITE	5/16		8.0 TTG	U	A
2453	COMPOSITE	3/8		10.0 TTG	U	A	1995	COMPOSITE	3/8		10.0 TTG	U	A
2727	COMPOSITE	1/8		3.0 TBG	U	A	2135	COMPOSITE	1/2		12.0 TTG	U	A
2305	COMPOSITE	5/32		4.0 TBG	U	A	2365	COMPOSITE	5/8		16.0 TTG	U	A
2306	COMPOSITE	3/16		5.0 TBG	U	A	2894	COMPOSITE	3/4		19.0 TTG	U	A
2307	COMPOSITE	1/4		6.0 TBG	U	A	4003	COMPOSITE	(H)		8-16+ LTG (b)	(.030) U	A
Spec-Temp, Inc. ; Antwerp, OH							Tempered Glass, Inc. ; Atlanta, GA						
2684	COMPOSITE	1/8		3.0 TTG	U	A	2959	COMPOSITE	1/8		3.0 TTG	U	A
2685	COMPOSITE	5/32		4.0 TTG	U	A	862	COMPOSITE	3/16		5.0 TTG	U	A
2686	COMPOSITE	3/16		5.0 TTG	U	A	863	COMPOSITE	1/4		6.0 TTG	U	A
2687	COMPOSITE	1/4		6.0 TTG	U	A	865	COMPOSITE	3/8		10.0 TTG	U	A
2688	COMPOSITE	3/8		10.0 TTG	U	A	866	COMPOSITE	1/2		12.0 TTG	U	A
2689	COMPOSITE	1/2		12.0 TTG	U	A	4089	COMPOSITE	5/8		16.0 TTG	U	A
3358	COMPOSITE	5/32		4.0 TBG	U	A	2960	COMPOSITE	3/4		19.0 TTG	U	A
Swift Glass Co., Inc. ; Elmira Heights, NY							4090	COMPOSITE	1/8		3.0 TPG (s)	U	A
1555	COMPOSITE	1/8		3.0 TTG	U	A	3554	COMPOSITE	3/16		5.0 TPG (s)	U	A
1556	COMPOSITE	3/16		5.0 TTG	U	A							
1557	COMPOSITE	1/4		6.0 TTG	U	A							
1558	COMPOSITE	3/8		10.0 TTG	U	A							
1559	COMPOSITE	1/2		12.0 TTG	U	A							

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Tianjin CSG Architectural Glass Co., LTD. ; Tianjin, China						Troy Systems LLC ; Manassas, VA					
4021	COMPOSITE	5/32	4.0 TTG	U	A	4286	COMPOSITE	3/16	5.0 TTG	U	A
4022	COMPOSITE	3/16	5.0 TTG	U	A	4061	COMPOSITE	1/4	6.0 TTG	U	A
4023	COMPOSITE	1/4	6.0 TTG	U	A	4062	COMPOSITE	3/8	10.0 TTG	U	A
4024	COMPOSITE	5/16	8.0 TTG	U	A	4063	COMPOSITE	1/2	12.0 TTG	U	A
4025	COMPOSITE	3/8	10.0 TTG	U	A	4302	COMPOSITE	3/8	10.0 TPG (s)	U	A
4026	COMPOSITE	1/2	12.0 TTG	U	A	Tweddell's Inc. ; Santa Ana, CA					
4027	COMPOSITE	*	15.0 TTG (3)	U	A	4259	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
4028	COMPOSITE	3/4	19.0 TTG	U	A	United Glass Corporation ; Columbus, OH					
4030	COMPOSITE	(H)	8 LTG (b)	(.030)	U A	4208	COMPOSITE	1/8	3.0 TTG	U	A
4106	COMPOSITE	(H)	10 LTG (b)	(.045)	U A	2766	COMPOSITE	3/16	5.0 TTG	U	A
4107	COMPOSITE	(H)	12 LTG (b)	(.060)	U A	2157	COMPOSITE	1/4	6.0 TTG	U	A
4108	COMPOSITE	(H)	16+ LTG (b)	(.090)	U A	2158	COMPOSITE	3/8	10.0 TTG	U	A
TianJin Dong Sung Home Building Materials Co. Ltd. ; Tian Jin, China						2159	COMPOSITE	1/2	12.0 TTG	U	A
2889	COMPOSITE	1/8	3.0 TTG	U	A	4066	COMPOSITE	5/8	16.0 TTG	U	A
4035	COMPOSITE	5/32	4.0 TTG	U	A	4314	COMPOSITE	3/4	19.0 TTG	U	A
2890	COMPOSITE	3/16	5.0 TTG	U	A	United Glass Corporation ; Detroit, MI					
3094	COMPOSITE	1/4	6.0 TTG	U	A	2217	COMPOSITE	1/8	3.0 TTG	U	A
3460	COMPOSITE	5/32	4.0 TPG (d)	U	A	2695	COMPOSITE	5/32	4.0 TTG	U	A
3431	COMPOSITE	3/16	5.0 TPG (m)	U	A	2218	COMPOSITE	3/16	5.0 TTG	U	A
Traco (Three Rivers Alum) ; Cranberry Township, PA						2219	COMPOSITE	1/4	6.0 TTG	U	A
2488	COMPOSITE	1/8	3.0 TTG	U	A	United Glass Corporation ; Pittsburgh, PA					
2489	COMPOSITE	3/16	5.0 TTG	U	A	1784	COMPOSITE	1/8	3.0 TTG	U	A
2490	COMPOSITE	1/4	6.0 TTG	U	A	1785	COMPOSITE	3/16	5.0 TTG	U	A
2678	COMPOSITE	5/16	8.0 TTG	U	A	1786	COMPOSITE	1/4	6.0 TTG	U	A
4394	COMPOSITE	1/8	3.0 TPG (s)	U	A	3495	COMPOSITE	5/16	8.0 TTG	U	A
4395	COMPOSITE	3/16	5.0 TPG (s)	U	A	1787	COMPOSITE	3/8	10.0 TTG	U	A
2714	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	1788	COMPOSITE	1/2	12.0 TTG	U	A
2748	COMPOSITE	(H)	8-12 LTG (ip)	(.090)	U A	4134	COMPOSITE	5/8	16.0 TTG	U	A
2715	COMPOSITE	(H)	8 & 12 LTG (b)	(.060)	U A	4135	COMPOSITE	3/4	19.0 TTG	U	A
2716	COMPOSITE	(H)	10 LTG (b)	(.030)	U A	4452	COMPOSITE	1/8	3.0 TPG (s)	U	A
2719	COMPOSITE	(H)	12 LTG (b)	(.090)	U A	1790	COMPOSITE	3/16	5.0 TPG (s)	U	A
Triple Seal Ltd. ; Toronto, ON Canada						4453	COMPOSITE	3/8	10.0 TPG (s)	U	A
2481	COMPOSITE	1/8	3.0 TTG	U	A	United Plate Glass Co., Inc. ; Butler, PA					
2482	COMPOSITE	5/32	4.0 TTG	U	A	2467	COMPOSITE	1/8	3.0 TTG	U	A
3023	COMPOSITE	3/16	5.0 TTG	U	A	2468	COMPOSITE	3/16	5.0 TTG	U	A
2484	COMPOSITE	1/4	6.0 TTG	U	A	2469	COMPOSITE	1/4	6.0 TTG	U	A
4356	COMPOSITE	5/16	8.0 TTG	U	A	2470	COMPOSITE	3/8	10.0 TTG	U	A
4357	COMPOSITE	3/8	10.0 TTG	U	A	2471	COMPOSITE	1/2	12.0 TTG	U	A
4358	COMPOSITE	1/2	12.0 TTG	U	A	2472	COMPOSITE	3/4	19.0 TTG	U	A
Tristar Glass Inc. ; Tulsa, OK						2473	COMPOSITE	1/8	3.0 TPG (d)	U	A
4004	COMPOSITE	1/8	3.0 TTG	U	A	2683	COMPOSITE	5/32	4.0 TPG (d)	U	A
4005	COMPOSITE	5/32	4.0 TTG	U	A	2474	COMPOSITE	3/16	5.0 TPG (d)	U	A
4006	COMPOSITE	3/16	5.0 TTG	U	A	2475	COMPOSITE	1/4	6.0 TPG (m)	U	A
4007	COMPOSITE	1/4	6.0 TTG	U	A	United Plate Glass Company of Charlotte ; Lincolnton, NC					
4008	COMPOSITE	3/8	10.0 TTG	U	A	3948	COMPOSITE	1/8	3.0 TTG	U	A
4009	COMPOSITE	1/2	12.0 TTG	U	A	4197	COMPOSITE	5/32	4.0 TTG	U	A
4010	COMPOSITE	5/32	4.0 TPG (s)	U	A	3949	COMPOSITE	3/16	5.0 TTG	U	A
4011	COMPOSITE	3/16	5.0 TPG (s)	U	A	3950	COMPOSITE	1/4	6.0 TTG	U	A
4410	COMPOSITE	(S)	6 LTG (b)	(.030)	U A	3951	COMPOSITE	3/8	10.0 TTG	U	A
4411	COMPOSITE	(H)	10-12 LTG (b)	(.030)	U A	3952	COMPOSITE	1/2	12.0 TTG	U	A
						3954	COMPOSITE	1/8	3.0 TPG (d)	U	A
						3955	COMPOSITE	3/16	5.0 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
Vetreria Valentini S.R.L. ; Brescia, Italy						Vitro America, Inc. ; Dallas, TX					
2423	ANSI ONLY	5/32	4.0 TTG	U	A	1919	COMPOSITE	1/8	3.0 TTG	U	A
4246	ANSI ONLY	5/32	4.0 TBG	U	A	400	COMPOSITE	3/16	5.0 TTG	U	A
2898	ANSI ONLY	1/4	6.0 TBG	U	A	402	COMPOSITE	1/4	6.0 TTG	U	A
Vidrios Marte SA de CV ; Azcapotzalco Mexico City, Mexico						Vitro America, Inc. ; Greensboro, NC					
4041	COMPOSITE	1/8	3.0 TTG	U	A	1107	COMPOSITE	3/8	10.0 TTG	U	A
4042	COMPOSITE	1/4	6.0 TTG	U	A	1108	COMPOSITE	1/2	12.0 TTG	U	A
4043	COMPOSITE	3/8	10.0 TTG	U	A	1225	COMPOSITE	3/4	19.0 TTG	U	A
4044	COMPOSITE	1/2	12.0 TTG	U	A	2418	ANSI ONLY	1/8	3.0 TPG (s)	U	A
Viracon, Inc. ; Owatonna, MN						Vitro America, Inc. ; Grenada, MS					
4354	COMPOSITE	5/32	4.0 TTG	U	A	2648	COMPOSITE	1/8	3.0 TTG	U	A
1403	COMPOSITE	3/16	5.0 TTG	U	A	1642	COMPOSITE	3/16	5.0 TTG	U	A
1404	COMPOSITE	1/4	6.0 TTG	U	A	1643	COMPOSITE	1/4	6.0 TTG	U	A
3689	COMPOSITE	5/16	8.0 TTG	U	A	1644	COMPOSITE	3/8	10.0 TTG	U	A
1508	COMPOSITE	3/8	10.0 TTG	U	A	1645	COMPOSITE	1/2	12.0 TTG	U	A
1509	COMPOSITE	1/2	12.0 TTG	U	A	2746	COMPOSITE	1/8	3.0 TPG (m)	U	A
1637	COMPOSITE (S)		6 LTG (b)	(.030)	U A	4359	COMPOSITE	5/32	4.0 TPG (m)	U	A
4249	COMPOSITE (H)		10-16+ LTG (b)	(.030)	U A	2077	COMPOSITE	3/16	5.0 TPG (s)	U	A
4250	COMPOSITE (H)		12-16+ LTG (ip)	(.030)	U A	4383	COMPOSITE	3/8	10.0 TPG (s)	U	A
Viracon, Inc. ; St. George, UT						Vitro America, Inc. ; Houston, TX					
4036	COMPOSITE	3/16	5.0 TTG	U	A	2787	COMPOSITE	1/8	3.0 TTG	U	A
4037	COMPOSITE	1/4	6.0 TTG	U	A	2788	COMPOSITE	3/16	5.0 TTG	U	A
4038	COMPOSITE	5/16	8.0 TTG	U	A	2789	COMPOSITE	1/4	6.0 TTG	U	A
4039	COMPOSITE	3/8	10.0 TTG	U	A	2840	COMPOSITE	3/8	10.0 TTG	U	A
4287	COMPOSITE	1/2	12.0 TTG	U	A	Vitro America, Inc. ; Las Vegas, NV					
4442	COMPOSITE (H)		10-16+ LTG (b)	(.030)	U A	3924	COMPOSITE	1/8	3.0 TTG	U	A
Viracon, Inc. ; Statesboro, GA						3925	COMPOSITE	3/16	5.0 TTG	U	A
2314	COMPOSITE	3/16	5.0 TTG	U	A	3926	COMPOSITE	1/4	6.0 TTG	U	A
2310	COMPOSITE	1/4	6.0 TTG	U	A	3927	COMPOSITE	3/8	10.0 TTG	U	A
2311	COMPOSITE	3/8	10.0 TTG	U	A	3928	COMPOSITE	1/2	12.0 TTG	U	A
3299	COMPOSITE (S)		6 LTG (b)	(.030)	U A	3929	COMPOSITE	3/4	19.0 TTG	U	A
Virginia Glass Products Corp. ; Martinsville, VA						3930	COMPOSITE	1/8	3.0 TPG (s)	U	A
2302	COMPOSITE	1/8	3.0 TTG	U	A	3931	COMPOSITE	3/16	5.0 TPG (s)	U	A
12	COMPOSITE	3/16	5.0 TTG	U	A	Vitro America, Inc. ; Morgantown, PA					
14	COMPOSITE	1/4	6.0 TTG	U	A	3074	COMPOSITE	1/8	3.0 TTG	U	A
93	COMPOSITE	3/8	10.0 TTG	U	A	3405	COMPOSITE	3/16	5.0 TTG	U	A
94	COMPOSITE	1/2	12.0 TTG	U	A	3406	COMPOSITE (S)		6 LTG (b)	(.090)	U A
2182	COMPOSITE	5/8	16.0 TTG	U	A	3408	COMPOSITE (H)		8 LTG (b)	(.090)	U A
95	COMPOSITE	3/4	19.0 TTG	U	A	Vitraform, Inc. ; Denver, CO					
Vitro America, Inc. ; City of Industry, CA						4274	CPSC ONLY (H)		10, 19+ LTG (lc)	(.020)	U A
4182	COMPOSITE	1/8	3.0 TTG	U	A	Vitro America, Inc. ; Las Vegas, NV					
4183	COMPOSITE	5/32	4.0 TTG	U	A	4210	COMPOSITE	1/8	3.0 TTG	U	A
4184	COMPOSITE	3/16	5.0 TTG	U	A	4211	COMPOSITE	5/32	4.0 TTG	U	A
4185	COMPOSITE	1/4	6.0 TTG	U	A	4212	COMPOSITE	3/16	5.0 TTG	U	A
4186	COMPOSITE	3/8	10.0 TTG	U	A	4213	COMPOSITE	1/4	6.0 TTG	U	A
4187	COMPOSITE	1/2	12.0 TTG	U	A	4214	COMPOSITE	3/8	10.0 TTG	U	A
4371	COMPOSITE	3/4	19.0 TTG	U	A	4215	COMPOSITE	1/2	12.0 TTG	U	A
4188	COMPOSITE	1/8	3.0 TPG (s)	U	A	4216	COMPOSITE	3/4	19.0 TTG	U	A
4372	COMPOSITE	5/32	4.0 TPG (s)	U	A	4217	COMPOSITE	1/8	3.0 TPG (s)	U	A
4373	COMPOSITE	3/16	5.0 TPG (s)	U	A	4218	COMPOSITE	5/32	4.0 TPG (m)	U	A
4189	COMPOSITE	1/4	6.0 TPG (s)	U	A	4219	COMPOSITE	3/16	5.0 TPG (m)	U	A
4374	COMPOSITE	3/8	10.0 TPG (s)	U	A	4220	COMPOSITE	1/4	6.0 TPG (m)	U	A
						4221	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>(THICKNESS CLASS)</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>(THICKNESS CLASS)</i>	<i>TYPE</i>	<i>MAX SIZE CERTIFIED</i>	<i>ANSI CLASS</i>
W.A. Wilson ; Wheeling, WV											
4169	COMPOSITE	1/8	3.0 TTG	U	A						
4170	COMPOSITE	3/16	5.0 TTG	U	A						
4171	COMPOSITE	1/4	6.0 TTG	U	A						
4172	COMPOSITE	3/8	10.0 TTG	U	A						
4173	COMPOSITE	1/2	12.0 TTG	U	A						
4174	COMPOSITE	1/8	3.0 TPG (d)	U	A						
4175	COMPOSITE	3/16	5.0 TPG (d)	U	A						
4176	COMPOSITE	3/8	10.0 TPG (s)	U	A						
Wholesale Glass Dist. ; Memphis, TN											
4379	COMPOSITE	3/16	5.0 TTG	U	A						
4380	COMPOSITE	1/4	6.0 TTG	U	A						
4381	COMPOSITE	3/8	10.0 TTG	U	A						
4382	COMPOSITE	1/2	12.0 TTG	U	A						
WSD Glass, Inc. ; Winston-Salem, NC											
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						
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.) ; GuangDong, China											
3261	COMPOSITE	1/8	3.0 TTG	U	A						
3605	COMPOSITE	5/32	4.0 TTG	U	A						
3085	COMPOSITE	3/16	5.0 TTG	U	A						
3053	COMPOSITE	1/4	6.0 TTG	U	A						
3054	COMPOSITE	3/8	10.0 TTG	U	A						
3055	COMPOSITE	1/2	12.0 TTG	U	A						
4179	COMPOSITE	*	15.0 TTG (3)	U	A						
3056	COMPOSITE	(S)	6 LTG (b)	(.030) U	A						
3489	COMPOSITE	(H)	8-16+ LTG (b)	(.030) U	A						
Yao Xiang Glass Product Co. Ltd. ; Guang Dong China											
3736	COMPOSITE	5/32	4.0 TTG	U	A						
3737	COMPOSITE	3/16	5.0 TTG	U	A						
3738	COMPOSITE	1/4	6.0 TTG	U	A						
3739	COMPOSITE	5/16	8.0 TTG	U	A						
3740	COMPOSITE	3/8	10.0 TTG	U	A						
3741	COMPOSITE	1/2	12.0 TTG	U	A						
4058	COMPOSITE	*	19.0 TTG (4)	U	A						
3742	COMPOSITE	3/16	5.0 TBG	U	A						
3743	COMPOSITE	1/4	6.0 TBG	U	A						
Zhangjiagang Weiyu Fabricated Glass Co. Ltd. ; Zhangjiagang JiangSu, China											
4093	COMPOSITE	1/8	3.0 TTG	U	A						
4094	COMPOSITE	3/16	5.0 TTG	U	A						
4095	COMPOSITE	1/4	6.0 TTG	U	A						

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<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE ANSI CERTIFIED CLASS</i>	<i>SGCC#</i>	<i>TEST STD</i>	<i>INCHES (MM)</i>	<i>TYPE</i>	<i>MAX SIZE ANSI CERTIFIED CLASS</i>
		<i>(THICKNESS CLASS)</i>					<i>(THICKNESS CLASS)</i>		

CERTIFIED PRODUCTS KEY

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
(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>
<u>Tempered Transparent Glass</u>						
<i>1/8 Inch Tempered Transparent Glass</i>						
Addis Glass Fabricating Inc.	Hamilton, OH	4139	COMPOSITE	200	U	A
AGC Flat Glass North America	Opelousas, LA	2899	COMPOSITE	550	U	A
AGC Flat Glass North America	Alvarado, TX	3677	COMPOSITE	175	U	A
AGC Flat Glass North America	Hebron, OH	3663	COMPOSITE	200	U	A
AGC Flat Glass North America	Reidsville, NC	2913	COMPOSITE	100	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	Spring Hill, KS	1702	COMPOSITE	500	U	A
AGC Flat Glass North America	Jacksonville, FL	3006	COMPOSITE	285	U	A
AGC Flat Glass North America	San Antonio, TX	3645	COMPOSITE	550	U	A
AGC Flat Glass North America	Knoxville, TN	4209	COMPOSITE	185	U	A
AGC Flat Glass North America	Salt Lake City, UT	4265	COMPOSITE	250	U	A
AGC Flat Glass North America	Quakertown, PA	2507	COMPOSITE	100	U	A
AGC Flat Glass North America	Kingsport, TN	1390	COMPOSITE	285	U	A
AGC Flat Glass North America	Greenland, TN	598	COMPOSITE	285	U	A
AGC Flat Glass North America	Richmond, VA	2521	COMPOSITE	100	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 Temperbent, GP LLC	Alsip, IL	2679	COMPOSITE (IN)	100	U	A
Arlene Stained Glass & Door	Houston, TX	3582	COMPOSITE	550	U	A
Cardinal CG	Galt, CA	2357	COMPOSITE	125	U	A
Cardinal CG	Waxahachie, TX	2699	COMPOSITE	550	U	A
Cardinal CG	Moreno Valley, CA	2293	CPSC ONLY	250	U	A
Cardinal CG	North Salt Lake, UT	3579	COMPOSITE	125	U	A
Cardinal CG	Northfield, MN	1985	COMPOSITE	150	U	A
Cardinal CG	Spring Green, WI	2067	COMPOSITE	500	U	A
Cardinal CG	Buford, GA	1921	COMPOSITE	200	U	A
Cardinal CG	Casa Grande, AZ	2878	COMPOSITE	250	U	A
Cardinal CG	Tumwater, WA	2007	CPSC ONLY	750	U	A
Cardinal FG	Durant, OK	2909	COMPOSITE	900	U	A
Cardinal IG	Waxahachie, TX	2328	COMPOSITE	900	U	A
Cardinal IG	Fremont, IN	2176	COMPOSITE	150	U	A
Cardinal IG	Vinton, VA	2919	COMPOSITE	100	U	A
Cardinal IG	Mountain Top, PA	3068	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2317	COMPOSITE	500	U	A
Cardinal IG	Spring Green, WI	1831	COMPOSITE	500	U	A
Cardinal IG	Greenfield, IA	1827	COMPOSITE	500	U	A
Cardinal IG	Fargo, ND	2235	COMPOSITE	150	U	A
Cardinal IG	Hood River, OR	2831	COMPOSITE	750	U	A
Cardinal LG	Ocala, FL	3505	COMPOSITE	285	U	A
Cardinal TG	Tomah, WI	1804	COMPOSITE	500	U	A
Cardinal TG	Chehalis, WA	3455	COMPOSITE	750	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, PR China	3803	COMPOSITE	750	U	A
Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	2432	COMPOSITE	750	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4328	COMPOSITE	285	U	A
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285	31x76	A
Commercial Insulating Glass Co.	Cumberland City, TN	3806	COMPOSITE	200	U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
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	3699	COMPOSITE	175	U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Deqing, Huzhou, China	4055	COMPOSITE	750	U	A
Desert Glass Products	N. Las Vegas, NV	2791	COMPOSITE	125	U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2660	COMPOSITE	285	U	A
Efco Corp.	Monett, MO	4121	COMPOSITE	175	U	A
El Castillo VitroMart	Escobedo Nuevo Leon Mexico	3984	COMPOSITE	550	U	A
Engineered Glass Products, L.L.C.	Chicago, IL	4388	COMPOSITE	200	U	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
Glass, Inc.	Englewood, CO	2185	COMPOSITE	250	U	A
Glenny Glass Co.	Milford, OH	3841	COMPOSITE	200	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2444	COMPOSITE	750	U	A
Guardian Glass of Rogers Corp.	Rogers, AR	1355	COMPOSITE	900	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.	Richburg, SC	1630	COMPOSITE	285	U	A
Guardian Industries Corp.	Corsicana, TX	1248	COMPOSITE	550	U	A
Guardian Industries Corp.	Kingsburg, CA	968	COMPOSITE	125	U	A
Guardian Industries Corp.	DeWitt, IA	2020	COMPOSITE	500	U	A
Guardian Industries Corp.	Geneva, NY	2259	COMPOSITE	400	U	A
Guardian Millbury Corp.	Millbury, OH	2616	COMPOSITE	200	U	A
Guardian Walled Lake Fabrication Inc.	Walled Lake, MI	2566	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
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
Northwest Glass	Billings, MT	3649	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3156	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3116	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3144	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3128	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3104	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3137	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3095	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3219	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3286	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3496	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3439	COMPOSITE	100	U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope™	Indianapolis, IN	2210	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	1996	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3329	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3167	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3310	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	1608	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3276	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3263	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1546	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3250	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3233	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3191	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3180	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	4155	COMPOSITE	200	U	A
Patio Enclosures, Inc.	Macedonia, OH	2056	COMPOSITE	200	U	A
PPG Industries	Langley, BC	3538	COMPOSITE	750	U	A
PGT Industries	Salisbury, NC	3514	COMPOSITE	285	U	A
PGT Industries	Nokomis, FL	2389	COMPOSITE	285	U	A
PPG Inds., Inc.	Carlisle, PA	250	COMPOSITE	400	U	A
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	550	U	A
PPG Inds., Inc.	Burlington, IA	1605	COMPOSITE	500	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2034	COMPOSITE	100	U	A
QBP Co., Ltd.	Qinhuangdao City, China	3092	COMPOSITE	250	U	A
Qinhuangdao Dawei Glass Products Co. Ltd.	Qinhuangdao City, Hebei China	4253	COMPOSITE	250	U	A
Qinhuangdao Detai Tempered Glass Co., Ltd.	Qinhuangdao City, Hebei China	4156	COMPOSITE	100	U	A
Qinhuangdao GaoPeng Foam Plastic Co. Ltd.	Qinhuangdao City, China	4341	COMPOSITE	100	U	A
Qinhuangdao Jixiang Glass Industry	Qinhuangdao, Hebei Province, 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 (IN)	400	U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1334	COMPOSITE	285	U	A
SCHOTT Gemtron - Vincennes	Vincennes, IN	2951	COMPOSITE	200	U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3067	COMPOSITE	100	U	A
Shaw Glass Co.	S. Easton, MA	3001	COMPOSITE	400	U	A
SIGCO, Inc.	Portland, ME	2961	COMPOSITE	100	U	A
Simonton Windows	McAlester, OK	3369	COMPOSITE	100	U	A
Simonton Windows	Parkersburg, WV	2887	COMPOSITE	100	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3978	COMPOSITE	400	U	A
Sovis North America, Inc.	Madison, GA	3249	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

Certified Products-By Product Type

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<i>1/8 Inch Tempered Transparent Glass</i>						
Tempered Glass, Inc.	Atlanta, GA	2959	COMPOSITE	285	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	285	U	A
Triple Seal Ltd.	Toronto, ON Canada	2481	COMPOSITE	400	U	A
Tristar Glass Inc.	Tulsa, OK	4004	COMPOSITE	175	U	A
United Glass Corporation	Columbus, OH	4208	COMPOSITE	200	U	A
United Glass Corporation	Detroit, MI	2217	COMPOSITE	900	U	A
United Glass Corporation	Pittsburgh, PA	1784	COMPOSITE	100	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 Marte SA de CV	Azcapotzalco Mexico City, Mexico	4041	COMPOSITE	900	U	A
Virginia Glass Products Corp.	Martinsville, VA	2302	COMPOSITE	100	U	A
Vitro America, Inc.	Las Vegas, NV	4210	COMPOSITE	250	U	A
Vitro America, Inc.	City of Industry, CA	4182	COMPOSITE	250	U	A
Vitro America, Inc.	Grenada, MS	2787	COMPOSITE	500	U	A
Vitro America, Inc.	Houston, TX	3924	COMPOSITE	550	U	A
Vitro America, Inc.	Greensboro, NC	2648	COMPOSITE	285	U	A
Vitro America, Inc.	Dallas, TX	1919	COMPOSITE	900	U	A
Viwinco, Inc.	Morgantown, PA	3074	COMPOSITE	100	U	A
W.A. Wilson	Wheeling, WV	4169	COMPOSITE	200	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3261	COMPOSITE	125	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	Richmond, VA	2480	COMPOSITE	100	U	A
AGC Flat Glass North America	Marietta, GA	1967	COMPOSITE	285	U	A
AGC Flat Glass North America	Jacksonville, FL	3786	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	3705	COMPOSITE	550	U	A
AGC Flat Glass North America	Reidsville, NC	2914	COMPOSITE	100	U	A
AGC Flat Glass North America	San Antonio, TX	3646	COMPOSITE	550	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	Kingsport, TN	949	COMPOSITE	285	U	A
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	Fall River, MA	3553	COMPOSITE	400	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	100	U	A
Anthony International	San Fernando, CA	2289	ANSI ONLY	250	U	A
Anthony Temperbent, GP LLC	Alsip, IL	2680	COMPOSITE	100	U	A
Cardinal CG	Northfield, MN	1986	COMPOSITE	150	U	A
Cardinal CG	Tumwater, WA	2008	CPSC ONLY	750	U	
Cardinal CG	North Salt Lake, UT	3580	COMPOSITE	125	U	A
Cardinal CG	Moreno Valley, CA	2294	CPSC ONLY	250	U	
Cardinal CG	Spring Green, WI	2068	COMPOSITE	500	U	A
Cardinal CG	Galt, CA	2358	COMPOSITE	125	U	A
Cardinal CG	Casa Grande, AZ	2879	COMPOSITE	250	U	A
Cardinal CG	Waxahachie, TX	2700	COMPOSITE	550	U	A
Cardinal CG	Buford, GA	1922	COMPOSITE	200	U	A
Cardinal FG	Durant, OK	2910	COMPOSITE	900	U	A

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<i>5/32 Inch Tempered Transparent Glass</i>						
Cardinal IG	Fremont, IN	2177	COMPOSITE	150	U	A
Cardinal IG	Mountain Top, PA	3069	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2318	COMPOSITE	500	U	A
Cardinal IG	Spring Green, WI	1832	COMPOSITE	500	U	A
Cardinal IG	Greenfield, IA	1828	CPSC ONLY	500	U	
Cardinal IG	Waxahachie, TX	2329	COMPOSITE	900	U	A
Cardinal IG	Hood River, OR	2858	COMPOSITE	750	U	A
Cardinal IG	Fargo, ND	2234	COMPOSITE	150	U	A
Cardinal IG	Vinton, VA	2920	COMPOSITE	100	U	A
Cardinal LG	Ocala, FL	3506	COMPOSITE	285	U	A
Cardinal Tempering	Louisville, KY	3871	COMPOSITE	900	U	A
Cardinal TG	Tomah, WI	1805	COMPOSITE	500	U	A
Cardinal TG	Chehalis, WA	3456	COMPOSITE	750	U	A
Changshu Hard Glass Co., Ltd.	Jiangsu, China	2987	COMPOSITE	125	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu Province, PR China	3664	COMPOSITE	750	U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3086	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
Desert Glass Products	N. Las Vegas, NV	2793	COMPOSITE	125	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3932	COMPOSITE	175	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
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 Glass of Rogers Corp.	Rogers, AR	1616	COMPOSITE	900	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2802	COMPOSITE	400	U	A
Guardian Industries Corp.	Richburg, SC	1631	COMPOSITE	285	U	A
Guardian Industries Corp.	Corsicana, TX	1249	COMPOSITE	550	U	A
Guardian Industries Corp.	Carleton, MI	934	COMPOSITE	200	U	A
Guardian Industries Corp.	Kingsburg, CA	969	COMPOSITE	125	U	A
Guardian Industries Corp.	DeWitt, IA	2021	COMPOSITE	500	U	A
Guardian Industries Corp.	Geneva, NY	2260	COMPOSITE	400	U	A
Guardian Millbury Corp.	Millbury, OH	1575	COMPOSITE	200	U	A
Guardian Walled Lake Fabrication Inc.	Walled Lake, MI	2567	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	1607	COMPOSITE	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	2932	COMPOSITE	100	U	A
Insulated Glass of America	Dallas, NC	3860	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	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
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

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<i>5/32 Inch Tempered Transparent Glass</i>						
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2691	ANSI ONLY	285	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3096	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3105	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3129	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3462	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3138	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3145	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3181	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3168	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3311	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3330	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3440	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2216	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	1609	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3192	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3220	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3234	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3251	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3264	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3287	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3157	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	4247	COMPOSITE	100	U	A
Patio Enclosures, Inc.	Macedonia, OH	2057	COMPOSITE	200	U	A
PPG Industries	Langley, BC	3539	COMPOSITE	750	U	A
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE	550	U	A
PPG Inds., Inc.	Burlington, IA	1606	COMPOSITE	500	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
QBP Co., Ltd.	Qinhuangdao City, China	3643	COMPOSITE	250	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 SYPB	Shanghai, China	2778	COMPOSITE	125	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	4439	COMPOSITE	285	U	A
SIGCO, Inc.	Portland, ME	2962	COMPOSITE	100	U	A
Southwest Glass Products Inc.	London, Ontario Canada	4278	COMPOSITE	400	U	A
Sovis North America, Inc.	Madison, GA	3027	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
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
United Glass Corporation	Detroit, MI	2695	COMPOSITE	900	U	A

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<i>5/32 Inch Tempered Transparent Glass</i>						
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
Vitro America, Inc.	Las Vegas, NV	4211	COMPOSITE	250	U	A
Vitro America, Inc.	City of Industry, CA	4183	COMPOSITE	250	U	A
XYG Glass (Div. of Xinyi Grp (Glass) Co. Ltd.)	GuangDong, China	3605	COMPOSITE	125	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3736	COMPOSITE	285	U	A
<i>3/16 Inch Tempered Transparent Glass</i>						
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	Opelousas, LA	2900	COMPOSITE	550	U	A
AGC Flat Glass North America	San Antonio, TX	3839	COMPOSITE	550	U	A
AGC Flat Glass North America	Alvarado, TX	3814	COMPOSITE	175	U	A
AGC Flat Glass North America	Reidsville, NC	2915	COMPOSITE	100	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
AGC Flat Glass North America	Hebron, OH	2197	COMPOSITE	200	U	A
AGC Flat Glass North America	Spring Hill, KS	1704	COMPOSITE	500	U	A
AGC Flat Glass North America	Kingsport, TN	28	COMPOSITE	285	U	A
AGC Flat Glass North America	Knoxville, TN	4152	COMPOSITE	185	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	Jacksonville, FL	3007	COMPOSITE	285	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE	100	U	A
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE	750	U	A
Anlin Industries	Clovis, CA	3079	COMPOSITE	125	U	A
Anthony International	San Fernando, CA	999	ANSI ONLY	250	U	A
Anthony Temperbent, GP LLC	Alsip, IL	2681	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	Spring Green, WI	2069	COMPOSITE	500	U	A
Cardinal CG	Northfield, MN	1987	COMPOSITE	150	U	A
Cardinal CG	Galt, CA	2359	COMPOSITE	125	U	A
Cardinal CG	Tumwater, WA	2009	CPSC ONLY	750	U	
Cardinal CG	North Salt Lake, UT	3581	COMPOSITE	125	U	A
Cardinal CG	Buford, GA	1923	COMPOSITE	200	U	A
Cardinal CG	Waxahachie, TX	2701	COMPOSITE	550	U	A
Cardinal CG	Casa Grande, AZ	2880	COMPOSITE	250	U	A
Cardinal CG	Moreno Valley, CA	2295	CPSC ONLY	250	U	
Cardinal FG	Durant, OK	2911	COMPOSITE	900	U	A
Cardinal IG	Mountain Top, PA	3070	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2319	COMPOSITE	500	U	A
Cardinal IG	Waxahachie, TX	2330	COMPOSITE	900	U	A
Cardinal IG	Spring Green, WI	1833	COMPOSITE	500	U	A
Cardinal IG	Hood River, OR	2833	COMPOSITE	750	U	A
Cardinal IG	Fargo, ND	2233	COMPOSITE	150	U	A
Cardinal IG	Fremont, IN	2178	COMPOSITE	150	U	A
Cardinal IG	Greenfield, IA	1829	CPSC ONLY	500	U	
Cardinal IG	Vinton, VA	2921	COMPOSITE	100	U	A
Cardinal LG	Ocala, FL	3507	COMPOSITE	285	U	A

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<i>3/16 Inch Tempered Transparent Glass</i>						
Cardinal Tempering	Louisville, KY	3872	COMPOSITE	900	U	A
Cardinal TG	Chehalis, WA	3458	COMPOSITE	750	U	A
Cardinal TG	Tomah, WI	1806	COMPOSITE	500	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
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, PR China	4234	COMPOSITE	750	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	31x76	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	3700	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
Desert Glass Products	N. Las Vegas, NV	2795	COMPOSITE	125	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	175	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4130	ANSI ONLY	285	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
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, Inc.	Englewood, CO	2186	COMPOSITE	250	U	A
GlassDepot, LLC	Chicago, IL	3833	COMPOSITE	500	U	A
Glenny Glass Co.	Milford, OH	3843	COMPOSITE	200	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2446	COMPOSITE	750	U	A
Guardian Glass of Rogers Corp.	Rogers, AR	1356	COMPOSITE	900	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2803	COMPOSITE	400	U	A
Guardian Industries Corp.	Corsicana, TX	1250	COMPOSITE	550	U	A
Guardian Industries Corp.	Kingsburg, CA	970	COMPOSITE	125	U	A
Guardian Industries Corp.	Carleton, MI	631	COMPOSITE	200	U	A
Guardian Industries Corp.	Richburg, SC	1632	COMPOSITE	285	U	A
Guardian Industries Corp.	Geneva, NY	2261	COMPOSITE	400	U	A
Guardian Industries Corp.	DeWitt, IA	2022	COMPOSITE	500	U	A
Guardian Millbury Corp.	Millbury, OH	1576	COMPOSITE	200	U	A
Guardian Walled Lake Fabrication Inc.	Walled Lake, MI	2141	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	1216	COMPOSITE	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	2933	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

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<i>3/16 Inch Tempered Transparent Glass</i>						
Insulite Glass Co., Inc.	Olathe, KS	3714	COMPOSITE	150	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	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
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMPOSITE	285	U	A
Nashville Tempered Glass L.L.C.	Hendersonville, TN	2692	ANSI ONLY	285	U	A
Northwest Glass	Billings, MT	3650	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2211	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3312	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3497	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3288	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3277	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3441	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3593	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3331	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1547	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	1997	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3130	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3118	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3139	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3146	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3106	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	630	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3158	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3169	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3182	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3097	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3193	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3221	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3265	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3252	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3235	COMPOSITE	100	U	A
Patio Enclosures, Inc.	Macedonia, OH	2058	COMPOSITE	200	U	A
PPG Industries	Langley, BC	3540	COMPOSITE	750	U	A
PGT Industries	Nokomis, FL	2390	COMPOSITE	285	U	A
PGT Industries	Salisbury, NC	3515	COMPOSITE	285	U	A
PPG Inds., Inc.	Carlisle, PA	249	COMPOSITE	400	U	A
PPG Inds., Inc.	Burlington, IA	1603	COMPOSITE	500	U	A
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE	550	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2713	COMPOSITE	100	U	A
PT Abebersa Pratama	Bekasi, Indonesia	3906	COMPOSITE	125	U	A
PT Surya Adhitia Fortuna Glass c/o Vetro Inc.	Tangerang, Indonesia	2752	COMPOSITE	285	U	A
Quaker Window Products, Inc.	Freeburg, MO	2986	COMPOSITE	150	U	A
Quality Glass & Mirror, Inc.	Des Plaines, 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

Certified Products-By Product Type

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<i>3/16 Inch Tempered Transparent Glass</i>						
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3636	COMPOSITE	100	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2777	COMPOSITE	125	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	400	U	A
SIGCO, Inc.	Portland, ME	2963	COMPOSITE	100	U	A
Simonton Windows	Parkersburg, WV	2888	COMPOSITE	100	U	A
Simonton Windows	McAlester, OK	3370	COMPOSITE	100	U	A
Southern Wholesale Glass, Inc.	Americus, GA	4192	COMPOSITE	185	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3979	COMPOSITE	400	U	A
Sovis North America, Inc.	Madison, GA	2352	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
Tempered Glass, Inc.	Atlanta, GA	862	COMPOSITE	285	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	285	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
United Glass Corporation	Detroit, MI	2218	COMPOSITE	900	U	A
United Glass Corporation	Pittsburgh, PA	1785	COMPOSITE	100	U	A
United Glass Corporation	Columbus, OH	2766	COMPOSITE	200	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.	Owatonna, MN	1403	COMPOSITE	150	U	A
Viracon, Inc.	Statesboro, GA	2314	COMPOSITE	100	U	A
Viracon, Inc.	St. George, UT	4036	COMPOSITE	125	U	A
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE	100	U	A
Vitro America, Inc.	Greensboro, NC	1642	COMPOSITE	285	U	A
Vitro America, Inc.	Dallas, TX	400	COMPOSITE	900	U	A
Vitro America, Inc.	City of Industry, CA	4184	COMPOSITE	250	U	A
Vitro America, Inc.	Las Vegas, NV	4212	COMPOSITE	250	U	A
Vitro America, Inc.	Houston, TX	3925	COMPOSITE	550	U	A
Vitro America, Inc.	Grenada, MS	2788	COMPOSITE	500	U	A
Viwinco, Inc.	Morgantown, PA	3405	COMPOSITE	100	U	A
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

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<i>3/16 Inch Tempered Transparent Glass</i>						
Zhangjiagang Weiyu Fabricated Glass Co. Ltd.	Zhangjiagang JiangSu, China	4094	COMPOSITE	250	U	A
<i>1/4 Inch Tempered Transparent Glass</i>						
Addis Glass Fabricating Inc.	Hamilton, OH	3810	COMPOSITE	200	U	A
AGC Flat Glass North America	Knoxville, TN	4153	COMPOSITE	185	U	A
AGC Flat Glass North America	Reidsville, NC	2916	COMPOSITE	100	U	A
AGC Flat Glass North America	Jacksonville, FL	3008	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	2901	COMPOSITE	550	U	A
AGC Flat Glass North America	Salt Lake City, UT	4267	COMPOSITE	250	U	A
AGC Flat Glass North America	Fall River, MA	1520	COMPOSITE	400	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	Quakertown, PA	2666	COMPOSITE	100	U	A
AGC Flat Glass North America	San Antonio, TX	3326	COMPOSITE	550	U	A
AGC Flat Glass North America	Spring Hill, KS	1705	COMPOSITE	500	U	A
AGC Flat Glass North America	Alvarado, TX	1710	COMPOSITE	175	U	A
AGC Flat Glass North America	Kingsport, TN	24	COMPOSITE	285	U	A
AGC Flat Glass North America	Hebron, OH	2198	COMPOSITE	200	U	A
AGC Flat Glass North America	Greenland, TN	89	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
American Shower Door	Los Angeles, CA	3039	COMPOSITE	250	U	A
American Shower Door	Los Angeles, CA	3042	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 Temperbent, GP LLC	Alsip, IL	2682	COMPOSITE	100	U	A
Architectural Glass Industries, LLC	Sandy Hook, CT	3760	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
Berkowitz, J.E.	Pedricktown, NJ	1990	COMPOSITE	100	U	A
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE	500	U	A
Cardinal CG	Tumwater, WA	2010	CPSC ONLY	750	U	
Cardinal CG	Galt, CA	2360	COMPOSITE	125	U	A
Cardinal CG	Moreno Valley, CA	2296	CPSC ONLY	250	U	
Cardinal CG	North Salt Lake, UT	3555	COMPOSITE	125	U	A
Cardinal CG	Spring Green, WI	2070	COMPOSITE	500	U	A
Cardinal CG	Buford, GA	1924	COMPOSITE	200	U	A
Cardinal CG	Northfield, MN	1988	COMPOSITE	150	U	A
Cardinal CG	Casa Grande, AZ	2881	COMPOSITE	250	U	A
Cardinal CG	Waxahachie, TX	2702	COMPOSITE	550	U	A
Cardinal FG	Durant, OK	2912	COMPOSITE	900	U	A
Cardinal IG	Vinton, VA	2922	COMPOSITE	100	U	A
Cardinal IG	Tomah, WI	2320	COMPOSITE	500	U	A
Cardinal IG	Fargo, ND	2232	COMPOSITE	150	U	A
Cardinal IG	Mountain Top, PA	3071	COMPOSITE	100	U	A
Cardinal IG	Spring Green, WI	1834	COMPOSITE	500	U	A
Cardinal IG	Hood River, OR	2834	COMPOSITE	750	U	A
Cardinal IG	Waxahachie, TX	2331	COMPOSITE	900	U	A
Cardinal IG	Greenfield, IA	1830	CPSC ONLY	500	U	
Cardinal IG	Fremont, IN	2179	COMPOSITE	150	U	A
Cardinal LG	Ocala, FL	3508	COMPOSITE	285	U	A
Cardinal Tempering	Louisville, KY	3873	COMPOSITE	900	U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Cardinal TG	Chehalis, WA	3459	COMPOSITE	750	U	A
Cardinal TG	Tomah, WI	1807	COMPOSITE	500	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, PR China	4235	COMPOSITE	750	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.	Sarasota, FL	1891	COMPOSITE	285	31x76	A
Commercial Insulating Glass Co.	Cumberland City, TN	3808	COMPOSITE	200	U	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 Products, Inc.	Weston, WI	4002	COMPOSITE	150	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
Desert Glass Products	N. Las Vegas, NV	2797	COMPOSITE	125	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	175	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4131	ANSI ONLY	285	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
El Castillo VitroMart	Escobedo Nuevo Leon Mexico	3985	COMPOSITE	550	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
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, Inc.	Englewood, CO	2187	COMPOSITE	250	U	A
GlassDepot, LLC	Chicago, IL	3834	COMPOSITE	500	U	A
Glenny Glass Co.	Milford, OH	3844	COMPOSITE	200	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
Guardian Glass of Rogers Corp.	Rogers, AR	1357	COMPOSITE	900	U	A
Guardian Industries Canada Corp.	Rexdale, ON Canada	2804	COMPOSITE	400	U	A
Guardian Industries Corp.	Carleton, MI	131	COMPOSITE	200	U	A
Guardian Industries Corp.	DeWitt, IA	2023	COMPOSITE	500	U	A
Guardian Industries Corp.	Richburg, SC	1633	COMPOSITE	285	U	A
Guardian Industries Corp.	Kingsburg, CA	971	COMPOSITE	125	U	A
Guardian Industries Corp.	Corsicana, TX	1251	COMPOSITE	550	U	A
Guardian Industries Corp.	Geneva, NY	2262	COMPOSITE	400	U	A
Guardian Millbury Corp.	Millbury, OH	1577	COMPOSITE	200	U	A
Guardian Walled Lake Fabrication Inc.	Walled Lake, MI	2142	COMPOSITE	200	U	A
Guardian Webster, Inc.	Webster, MA	662	COMPOSITE	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	2934	COMPOSITE	100	U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
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
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	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	185	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
Milgard Tempering, Inc.	Tacoma, WA	1578	COMPOSITE	750	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	ANSI ONLY	285	U	A
Northwest Glass	Billings, MT	3651	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1382	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3159	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3194	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3140	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3266	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3289	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3313	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1548	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3147	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2212	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3442	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3498	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3183	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3253	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3119	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3098	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3236	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3170	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3332	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3131	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3107	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3222	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2543	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3278	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	514	COMPOSITE	125	U	A
Patio Enclosures, Inc.	Macedonia, OH	3015	COMPOSITE	200	U	A
PPG Industries	Langley, BC	3541	COMPOSITE	750	U	A
PGT Industries	Nokomis, FL	2391	COMPOSITE	285	U	A
PGT Industries	Salisbury, NC	3516	COMPOSITE	285	U	A
PPG Inds., Inc.	Carlisle, PA	382	ANSI ONLY	400	U	A
PPG Inds., Inc.	Wichita Falls, TX	1113	COMPOSITE	550	U	A
PPG Inds., Inc.	Burlington, IA	1604	COMPOSITE	500	U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Prelco, Inc.	Riviere-du-Loup, QC Canada	2015	COMPOSITE	100	U	A
Quaker Window Products, Inc.	Freeburg, MO	3485	COMPOSITE	150	U	A
Quality Glass & Mirror, Inc.	Des Plaines, IL	2982	COMPOSITE	500	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3746	COMPOSITE	285	U	A
RF Supply, Inc.	Bradenton, FL	4225	COMPOSITE	185	U	A
Rochester Insulated Glass	Rochester, NY	4065	COMPOSITE	275	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 SYPB	Shanghai, China	2761	COMPOSITE	125	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	400	U	A
Shenzhen Jiayeda Glass Processing Co., LTD	Shenzhen City, Guangdong	4440	COMPOSITE	285	U	A
SIGCO, Inc.	Portland, ME	2964	COMPOSITE	100	U	A
Southern Wholesale Glass, Inc.	Americus, GA	4193	COMPOSITE	185	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3980	COMPOSITE	400	U	A
Sovis North America, Inc.	Madison, GA	2353	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
Tai Shan City Da Heng Art Glass Ltd.	Guang Dong, China	3790	COMPOSITE	750	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
Tempered Glass, Inc.	Atlanta, GA	863	COMPOSITE	285	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	285	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
United Glass Corporation	Columbus, OH	2157	COMPOSITE	200	U	A
United Glass Corporation	Detroit, MI	2219	COMPOSITE	900	U	A
United Glass Corporation	Pittsburgh, PA	1786	COMPOSITE	100	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 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
Vitro America, Inc.	Grenada, MS	2789	COMPOSITE	500	U	A
Vitro America, Inc.	Dallas, TX	402	COMPOSITE	900	U	A
Vitro America, Inc.	Las Vegas, NV	4213	COMPOSITE	250	U	A
Vitro America, Inc.	Houston, TX	3926	COMPOSITE	550	U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Vitro America, Inc.	City of Industry, CA	4185	COMPOSITE	250	U	A
Vitro America, Inc.	Greensboro, NC	1643	COMPOSITE	285	U	A
W.A. Wilson	Wheeling, WV	4171	COMPOSITE	200	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
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	Richmond, VA	4284	COMPOSITE	100	U	A
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
AVIC Sanxin Co. Ltd.	Shenzhen, China	3568	COMPOSITE	285	U	A
Cardinal CG	Spring Green, WI	2876	COMPOSITE	500	24x53	A
Consolidated Glass Corp.	New Castle, PA	3635	COMPOSITE	285	U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3935	COMPOSITE	175	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
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.	Corsicana, TX	1826	COMPOSITE	550	U	A
Guardian Industries Corp.	DeWitt, IA	2024	COMPOSITE	500	U	A
Guardian Industries Corp.	Geneva, NY	3672	COMPOSITE	400	U	A
Guardian Industries Corp.	Richburg, SC	2382	COMPOSITE	285	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	2935	COMPOSITE	100	U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	3025	COMPOSITE	200	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4306	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3961	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	4443	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3594	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3267	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3254	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	4180	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3171	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Denver, CO	4151	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2884	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	4348	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3796	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3443	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3290	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4400	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3141	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3223	COMPOSITE	750	U	A
PFG Industries	Langley, BC	3542	COMPOSITE	750	U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/16 Inch Tempered Transparent Glass</i>						
PPG Inds., Inc.	Wichita Falls, TX	3577	COMPOSITE	550	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2751	COMPOSITE	100	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2762	COMPOSITE	125	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	285	U	A
Triple Seal Ltd.	Toronto, ON Canada	4356	COMPOSITE	400	U	A
United Glass Corporation	Pittsburgh, PA	3495	COMPOSITE	100	U	A
Viracon, Inc.	St. George, UT	4038	COMPOSITE	125	U	A
Viracon, Inc.	Owatonna, MN	3689	COMPOSITE	150	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3739	COMPOSITE	285	U	A
<i>3/8 Inch Tempered Transparent Glass</i>						
Addis Glass Fabricating Inc.	Hamilton, OH	3811	COMPOSITE	200	U	A
AGC Flat Glass North America	Opelousas, LA	3706	COMPOSITE	550	U	A
AGC Flat Glass North America	Hebron, OH	2199	COMPOSITE	200	U	A
AGC Flat Glass North America	Jacksonville, FL	3009	COMPOSITE	285	U	A
AGC Flat Glass North America	Marietta, GA	1232	COMPOSITE	285	U	A
AGC Flat Glass North America	Richmond, VA	1958	COMPOSITE	100	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	San Antonio, TX	3327	COMPOSITE	550	U	A
AGC Flat Glass North America	Knoxville, TN	4158	COMPOSITE	185	U	A
AGC Flat Glass North America	Alvarado, TX	1711	COMPOSITE	175	U	A
AGC Flat Glass North America	Fall River, MA	1521	COMPOSITE	400	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
American Shower Door	Los Angeles, CA	3043	COMPOSITE	250	U	A
American Shower Door	Los Angeles, CA	3040	COMPOSITE	250	U	A
Architectural Glass Industries, LLC	Sandy Hook, CT	3761	COMPOSITE	100	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 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
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
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
Desert Glass Products	N. Las Vegas, NV	2798	COMPOSITE	125	U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3914	COMPOSITE	900	U	A

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<i>3/8 Inch Tempered Transparent Glass</i>						
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3936	COMPOSITE	175	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
El Castillo VitroMart	Escobedo Nuevo Leon Mexico	3986	COMPOSITE	550	U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4429	COMPOSITE	285	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3825	COMPOSITE	285	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
Glass, Inc.	Englewood, CO	2188	COMPOSITE	250	U	A
GlassDepot, LLC	Chicago, IL	3835	COMPOSITE	500	U	A
Glenny Glass Co.	Milford, OH	3845	COMPOSITE	200	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.	Corsicana, TX	1253	COMPOSITE	550	U	A
Guardian Industries Corp.	Richburg, SC	1634	COMPOSITE	285	U	A
Guardian Industries Corp.	DeWitt, IA	2545	COMPOSITE	500	U	A
Guardian Industries Corp.	Geneva, NY	2519	COMPOSITE	400	U	A
Guardian Webster, Inc.	Webster, MA	471	COMPOSITE	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	2936	COMPOSITE	100	U	A
Industrial Tempering Glass	Brooklyn, NY	3418	COMPOSITE	100	U	A
Insulated Glass of America	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	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
Laurier Glass Ltd.	Quebec, QC Canada	2721	COMPOSITE	400	U	A
M/M Tempering Inc.	Loganville, GA	4281	COMPOSITE	185	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	ANSI ONLY	285	U	A
Northwest Glass	Billings, MT	3652	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3184	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1549	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2544	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3142	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3237	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3499	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1383	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3148	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3132	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2213	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3268	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3333	COMPOSITE	100	U	A

Certified Products-By Product Type

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<i>3/8 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope™	Tampa, FL	3120	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3099	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3108	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3255	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	515	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3279	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3224	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3195	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3160	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3444	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3314	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3172	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3291	COMPOSITE	750	U	A
PGF Industries	Langley, BC	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
Quality Glass & Mirror, Inc.	Des Plaines, IL	2983	COMPOSITE	500	U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3747	COMPOSITE	285	U	A
RF Supply, Inc.	Bradenton, FL	4226	COMPOSITE	185	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2696	COMPOSITE	125	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	400	U	A
SIGCO, Inc.	Portland, ME	2965	COMPOSITE	100	U	A
Southwest Glass Products Inc.	London, Ontario Canada	3981	COMPOSITE	400	U	A
Sovis North America, Inc.	Madison, GA	2453	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
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
Tempered Glass, Inc.	Atlanta, GA	865	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
United Glass Corporation	Columbus, OH	2158	COMPOSITE	200	U	A
United Glass Corporation	Pittsburgh, PA	1787	COMPOSITE	100	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 Marte SA de CV	Azcapotzalco Mexico City, Mexico	4043	COMPOSITE	900	U	A
Viracon, Inc.	Statesboro, GA	2311	COMPOSITE	100	U	A
Viracon, Inc.	Owatonna, MN	1508	COMPOSITE	150	U	A
Viracon, Inc.	St. George, UT	4039	COMPOSITE	125	U	A
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE	100	U	A
Vitro America, Inc.	Grenada, MS	2840	COMPOSITE	500	U	A
Vitro America, Inc.	Las Vegas, NV	4214	COMPOSITE	250	U	A

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<i>3/8 Inch Tempered Transparent Glass</i>						
Vitro America, Inc.	Houston, TX	3927	COMPOSITE	550	U	A
Vitro America, Inc.	Dallas, TX	1107	COMPOSITE	900	U	A
Vitro America, Inc.	Greensboro, NC	1644	COMPOSITE	285	U	A
Vitro America, Inc.	City of Industry, CA	4186	COMPOSITE	250	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
<i>1/2 Inch Tempered Transparent Glass</i>						
Addis Glass Fabricating Inc.	Hamilton, OH	3812	COMPOSITE	200	U	A
AGC Flat Glass North America	Jacksonville, FL	3010	COMPOSITE	285	U	A
AGC Flat Glass North America	Alvarado, TX	1712	COMPOSITE	175	U	A
AGC Flat Glass North America	San Antonio, TX	4277	COMPOSITE	550	U	A
AGC Flat Glass North America	Salt Lake City, UT	4269	COMPOSITE	250	U	A
AGC Flat Glass North America	Marietta, GA	1406	COMPOSITE	285	U	A
AGC Flat Glass North America	Opelousas, LA	3707	COMPOSITE	550	U	A
AGC Flat Glass North America	Fall River, MA	1522	COMPOSITE	400	U	A
AGC Flat Glass North America	Hebron, OH	2200	COMPOSITE	200	U	A
AGC Flat Glass North America	Richmond, VA	1959	COMPOSITE	100	U	A
AGC Flat Glass North America	Knoxville, TN	4159	COMPOSITE	185	U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	100	U	A
American Shower Door	Los Angeles, CA	3041	COMPOSITE	250	U	A
Architectural Glass Industries, LLC	Sandy Hook, CT	3762	COMPOSITE	100	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 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
Denver Glass Interiors, Inc.	Englewood, CO	3868	COMPOSITE	175	U	A
Desert Glass Products	N. Las Vegas, NV	2799	COMPOSITE	125	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
El Castillo VitroMart	Escobedo Nuevo Leon Mexico	3987	COMPOSITE	550	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3826	COMPOSITE	285	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
Glass, Inc.	Englewood, CO	2189	COMPOSITE	250	U	A
GlassDepot, LLC	Chicago, IL	3836	COMPOSITE	500	U	A
Glenny Glass Co.	Milford, OH	3846	COMPOSITE	200	U	A
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMPOSITE	750	U	A

Certified Products-By Product Type

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<i>1/2 Inch Tempered Transparent Glass</i>						
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.	DeWitt, IA	2649	COMPOSITE	500	U	A
Guardian Industries Corp.	Corsicana, TX	1803	COMPOSITE	550	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	4308	COMPOSITE	125	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3963	COMPOSITE	125	U	A
Kohler Company	Union City, TN	4012	COMPOSITE	550	U	A
Laurier Glass Ltd.	Quebec, QC Canada	2720	COMPOSITE	400	U	A
M/M Tempering Inc.	Loganville, GA	4282	COMPOSITE	185	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
Oldcastle BuildingEnvelope™	Indianapolis, IN	2214	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3280	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3149	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3292	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3100	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3173	COMPOSITE	500	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3185	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3500	COMPOSITE	285	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	1384	COMPOSITE	200	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2062	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3269	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3121	COMPOSITE	185	U	A
Oldcastle BuildingEnvelope™	Wright City, MO	3143	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3225	COMPOSITE	750	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3238	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3109	COMPOSITE	150	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1550	COMPOSITE	400	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3161	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3334	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3133	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3256	COMPOSITE	175	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3315	COMPOSITE	550	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	516	COMPOSITE	125	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3445	COMPOSITE	100	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3196	COMPOSITE	125	U	A
PFG Industries	Langley, BC	3544	COMPOSITE	750	U	A
Prelco, Inc.	Riviere-du-Loup, QC Canada	2048	COMPOSITE	100	U	A
Quality Glass & Mirror, Inc.	Des Plaines, IL	2984	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 Haojing Glass Co. Ltd.	Shanghai, China	4262	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>1/2 Inch Tempered Transparent Glass</i>							
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2763	COMPOSITE		125	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4072	COMPOSITE		125	U	A
Shaw Glass Co.	S. Easton, MA	1037	COMPOSITE		400	U	A
SIGCO, Inc.	Portland, ME	2966	COMPOSITE		100	U	A
Spec-Temp, Inc.	Antwerp, OH	2689	COMPOSITE		500	U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE		400	U	A
Syracuse Glass Company	Syracuse, NY	2657	COMPOSITE		400	U	A
Taiwan Glass Industry Corporation	Taipei, Taiwan	3891	COMPOSITE		750	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMPOSITE		285	U	A
Tempered Glass, Inc.	Atlanta, GA	866	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
United Glass Corporation	Pittsburgh, PA	1788	COMPOSITE		100	U	A
United Glass Corporation	Columbus, OH	2159	COMPOSITE		200	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 Marte SA de CV	Azcapotzalco Mexico City, Mexico	4044	COMPOSITE		900	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
Vitro America, Inc.	Houston, TX	3928	COMPOSITE		550	U	A
Vitro America, Inc.	Greensboro, NC	1645	COMPOSITE		285	U	A
Vitro America, Inc.	Dallas, TX	1108	COMPOSITE		900	U	A
Vitro America, Inc.	Las Vegas, NV	4215	COMPOSITE		250	U	A
Vitro America, Inc.	City of Industry, CA	4187	COMPOSITE		250	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)	175	U	A
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	(3)	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	3602	COMPOSITE	(4)	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
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan City China	3938	COMPOSITE	(3)	175	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4127	ANSI ONLY	(3)	285	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

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>							
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4309	COMPOSITE	(3)	125	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPB	Shanghai, China	2786	COMPOSITE	(4)	125	U	A
Shanghai Yaohua Pilkington Glass Co. Shanghai SYPE	Shanghai, China	4073	COMPOSITE	(3)	125	U	A
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™	Moorestown, NJ	4054	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3293	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2063	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3239	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4387	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	4181	COMPOSITE		400	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3270	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3446	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3110	COMPOSITE		150	U	A
SIGCO, Inc.	Portland, ME	4326	COMPOSITE		100	U	A
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMPOSITE		285	U	A
Tempered Glass, Inc.	Atlanta, GA	4089	COMPOSITE		285	U	A
United Glass Corporation	Pittsburgh, PA	4134	COMPOSITE		100	U	A
United Glass Corporation	Columbus, OH	4066	COMPOSITE		200	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
AVIC Sanxin Co. Ltd.	Shenzhen, China	3572	COMPOSITE		285	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
Desert Glass Products	N. Las Vegas, NV	2800	COMPOSITE		125	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		175	U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4128	ANSI ONLY		285	U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE		285	U	A
Eckelt Glas GmbH	Steyr, Austria	2855	COMPOSITE		100	U	A
El Castillo VitroMart	Escobedo Nuevo Leon Mexico	3988	COMPOSITE		550	U	A
Flat Glass Distributors, Inc.	Jacksonville, FL	3827	COMPOSITE		285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3858	COMPOSITE		100	U	A
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE		285	U	A

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3/4 Inch Tempered Transparent Glass							
Glass, Inc.	Englewood, CO	2190	COMPOSITE		250	U	A
Guangdong Golden Glass Technologies Limited	Shantou, China	3946	COMPOSITE		125	U	A
Industrial Tempering Glass	Brooklyn, NY	4240	COMPOSITE		100	U	A
Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4310	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3197	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Alberville, MN	3111	COMPOSITE		150	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3257	COMPOSITE		175	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3174	COMPOSITE		500	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3595	COMPOSITE		200	U	A
Oldcastle BuildingEnvelope™	Denver, CO	4245	COMPOSITE		550	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3240	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3447	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3271	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3294	COMPOSITE		750	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	1551	COMPOSITE		400	U	A
Oldcastle BuildingEnvelope™	Montreal, QC Canada	2885	COMPOSITE		100	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	2074	COMPOSITE		125	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3335	COMPOSITE		100	U	A
Quality Glass & Mirror, Inc.	Des Plaines, 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
Tempered Glass, Inc.	Atlanta, GA	2960	COMPOSITE		285	U	A
Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4028	COMPOSITE		100	U	A
United Glass Corporation	Columbus, OH	4314	COMPOSITE		200	U	A
United Glass Corporation	Pittsburgh, PA	4135	COMPOSITE		100	U	A
United Plate Glass Co., Inc.	Butler, PA	2472	COMPOSITE		100	U	A
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE		100	U	A
Vitro America, Inc.	Dallas, TX	1225	COMPOSITE		900	U	A
Vitro America, Inc.	City of Industry, CA	4371	COMPOSITE		250	U	A
Vitro America, Inc.	Houston, TX	3929	COMPOSITE		550	U	A
Vitro America, Inc.	Las Vegas, NV	4216	COMPOSITE		250	U	A
19 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)							
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	4058	COMPOSITE	(4)	285	U	A
7/8 Inch Tempered Transparent Glass							
Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4129	ANSI ONLY		285	U	A
Tempered Patterned Glass							
1/8 Inch Tempered Patterned Glass							
AGC Flat Glass North America	Opelousas, LA	2902	COMPOSITE	(s)	550	U	A
AGC Flat Glass North America	Quakertown, PA	2510	COMPOSITE	(m)	100	U	A
AGC Flat Glass North America	Salt Lake City, UT	4270	COMPOSITE	(s)	250	U	A
AGC Flat Glass North America	Jacksonville, FL	3011	COMPOSITE	(s)	285	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	Knoxville, TN	4207	COMPOSITE	(s)	185	U	A

Certified Products-By Product Type

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<i>1/8 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Alvarado, TX	3815	COMPOSITE (m)		175	U	A
AGC Flat Glass North America	Reidsville, NC	2917	COMPOSITE (s)		100	U	A
AGC Flat Glass North America	Kingsport, TN	1414	COMPOSITE (m)		285	U	A
AGC Flat Glass North America	San Antonio, TX	3818	COMPOSITE (s)		550	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	North Salt Lake, UT	4343	COMPOSITE (s)		125	U	A
Cardinal CG	Tumwater, WA	2954	CPSC ONLY (s)		750	U	
Cardinal CG	Casa Grande, AZ	4103	COMPOSITE (s)		250	U	A
Cardinal CG	Spring Green, WI	2071	COMPOSITE (s)		500	U	A
Cardinal CG	Northfield, MN	2011	COMPOSITE (s)		150	U	A
Cardinal CG	Galt, CA	3599	COMPOSITE (s)		125	U	A
Cardinal CG	Buford, GA	2146	COMPOSITE (s)		200	U	A
Cardinal FG	Durant, OK	3004	COMPOSITE (m)		900	U	A
Cardinal IG	Tomah, WI	2321	COMPOSITE (m)		500	U	A
Cardinal IG	Greenfield, IA	1841	CPSC ONLY (s)		500	U	
Cardinal IG	Vinton, VA	2923	COMPOSITE (s)		100	U	A
Cardinal IG	Fremont, IN	2203	COMPOSITE (s)		150	U	A
Cardinal IG	Fargo, ND	2231	COMPOSITE (s)		150	U	A
Cardinal IG	Waxahachie, TX	2397	COMPOSITE (m)		900	U	A
Cardinal IG	Mountain Top, PA	3073	COMPOSITE (m)		100	U	A
Cardinal IG	Spring Green, WI	1844	COMPOSITE (s)		500	U	A
Cardinal IG	Hood River, OR	2857	COMPOSITE (m)		750	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4332	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 Glass of Rogers Corp.	Rogers, AR	1358	COMPOSITE (s)		900	U	A
Guardian Industries Corp.	Kingsburg, CA	1303	COMPOSITE (d)		125	U	A
Guardian Industries Corp.	DeWitt, IA	4238	COMPOSITE (s)		500	U	A
Guardian Industries Corp.	Richburg, SC	1683	COMPOSITE (m)		285	U	A
Guardian Industries Corp.	Corsicana, TX	2458	COMPOSITE (m)		550	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™	Langley, BC Canada	3295	COMPOSITE (m)		750	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™	Grand Prairie, TX	3425	COMPOSITE (s)		175	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3122	COMPOSITE (s)		185	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3134	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	4423	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3336	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3317	COMPOSITE (s)		550	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3501	COMPOSITE (s)		285	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3281	COMPOSITE (s)		150	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3272	COMPOSITE (m)		750	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3186	COMPOSITE (s)		100	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3199	COMPOSITE (s)		125	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3242	COMPOSITE (s)		100	U	A
PFG Industries	Langley, BC	3547	COMPOSITE (s)		750	U	A

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<i>1/8 Inch Tempered Patterned Glass</i>							
PGT Industries	Salisbury, NC	4177	COMPOSITE	(s)	285	U	A
PGT Industries	Nokomis, FL	3880	COMPOSITE	(s)	285	U	A
Qinhuangdao High-Tech Energy-Saving Dorwin Co Ltd	Qinhuangdao City, China	4140	COMPOSITE	(d)	100	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
Southern Wholesale Glass, Inc.	Americus, GA	4194	COMPOSITE	(s)	185	U	A
Techni-Glass, Inc.	Surgoinsville, TN	3061	COMPOSITE	(m)	285	U	A
Tempered Glass, Inc.	Atlanta, GA	4090	COMPOSITE	(s)	285	U	A
Traco (Three Rivers Alum)	Cranberry Township, PA	4394	COMPOSITE	(s)	285	U	A
United Glass Corporation	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
Vitro America, Inc.	Houston, TX	3930	COMPOSITE	(s)	550	U	A
Vitro America, Inc.	City of Industry, CA	4188	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Dallas, TX	2418	ANSI ONLY	(s)	900	U	A
Vitro America, Inc.	Greensboro, NC	2746	COMPOSITE	(m)	285	U	A
Vitro America, Inc.	Las Vegas, NV	4217	COMPOSITE	(s)	250	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	Kingsport, TN	2249	COMPOSITE	(m)	285	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	Opelousas, LA	3708	COMPOSITE	(s)	550	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	Greenland, TN	2980	COMPOSITE	(m)	285	U	A
AGC Flat Glass North America	San Antonio, TX	3647	COMPOSITE	(m)	550	U	A
AGC Flat Glass North America	Richmond, VA	2479	COMPOSITE	(m)	100	U	A
Amsco Windows	Salt Lake City, UT	2583	COMPOSITE	(s)	750	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	Galt, CA	4347	COMPOSITE	(m)	125	U	A
Cardinal CG	Casa Grande, AZ	4104	COMPOSITE	(d)	250	U	A
Cardinal CG	Northfield, MN	2012	COMPOSITE	(s)	150	U	A
Cardinal CG	North Salt Lake, UT	4344	COMPOSITE	(d)	125	U	A
Cardinal CG	Waxahachie, TX	4047	COMPOSITE	(m)	550	U	A
Cardinal CG	Tumwater, WA	2955	CPSC ONLY	(d)	750	U	
Cardinal IG	Waxahachie, TX	4091	COMPOSITE	(m)	900	U	A
Cardinal IG	Fremont, IN	2204	COMPOSITE	(d)	150	U	A
Cardinal IG	Hood River, OR	2832	COMPOSITE	(d)	750	U	A
Cardinal IG	Greenfield, IA	1842	CPSC ONLY	(m)	500	U	
Cardinal IG	Fargo, ND	2285	COMPOSITE	(m)	150	U	A
Cardinal IG	Mountain Top, PA	3115	COMPOSITE	(m)	100	U	A
Cardinal IG	Tomah, WI	2322	COMPOSITE	(d)	500	U	A
Cardinal IG	Vinton, VA	2924	COMPOSITE	(d)	100	U	A
Cardinal IG	Spring Green, WI	1845	COMPOSITE	(m)	500	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4333	COMPOSITE	(d)	285	U	A
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE	(s)	285	U	A
Contractors Wardrobe	Valencia, CA	3474	COMPOSITE	(d)	250	U	A

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<i>5/32 Inch Tempered Patterned Glass</i>							
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 Glass of Rogers Corp.	Rogers, AR	1359	COMPOSITE	(s)	900	U	A
Guardian Industries Corp.	DeWitt, IA	2667	COMPOSITE	(s)	500	U	A
Guardian Industries Corp.	Kingsburg, CA	1301	COMPOSITE	(m)	125	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 Webster, Inc.	Webster, MA	2451	COMPOSITE	(m)	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	3036	COMPOSITE	(m)	100	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™	Phoenix, AZ	3135	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3102	COMPOSITE	(m)	175	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3426	COMPOSITE	(m)	175	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3200	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3112	COMPOSITE	(s)	150	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3163	COMPOSITE	(d)	550	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3187	COMPOSITE	(d)	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3177	COMPOSITE	(d)	500	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3337	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3273	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3296	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3152	COMPOSITE	(s)	500	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3227	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3318	COMPOSITE	(d)	550	U	A
PFG Industries	Langley, BC	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	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
United Plate Glass Co., Inc.	Butler, PA	2683	COMPOSITE	(d)	100	U	A
Vitro America, Inc.	Greensboro, NC	4359	COMPOSITE	(m)	285	U	A
Vitro America, Inc.	City of Industry, CA	4372	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Las Vegas, NV	4218	COMPOSITE	(m)	250	U	A
<i>3/16 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Reidsville, NC	3744	COMPOSITE	(s)	100	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	Kingsport, TN	2206	COMPOSITE	(d)	285	U	A
AGC Flat Glass North America	Marietta, GA	2054	COMPOSITE	(d)	285	U	A
AGC Flat Glass North America	Jacksonville, FL	3785	COMPOSITE	(d)	285	U	A
AGC Flat Glass North America	Richmond, VA	2999	COMPOSITE	(m)	100	U	A
AGC Flat Glass North America	Greenland, TN	1139	COMPOSITE	(s)	285	U	A
AGC Flat Glass North America	Fall River, MA	1523	COMPOSITE	(s)	400	U	A
AGC Flat Glass North America	Quakertown, PA	3698	COMPOSITE	(m)	100	U	A
AGC Flat Glass North America	Opelousas, LA	2903	COMPOSITE	(m)	550	U	A
AGC Flat Glass North America	Knoxville, TN	4160	COMPOSITE	(d)	185	U	A
AGC Flat Glass North America	Salt Lake City, UT	4272	COMPOSITE	(m)	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>3/16 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	San Antonio, TX	4342	COMPOSITE	(d)	550	U	A
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	(m)	750	U	A
Anlin Industries	Clovis, CA	3078	COMPOSITE	(m)	125	U	A
Cardinal CG	Northfield, MN	2013	COMPOSITE	(s)	150	U	A
Cardinal CG	North Salt Lake, UT	4345	COMPOSITE	(m)	125	U	A
Cardinal CG	Galt, CA	3601	COMPOSITE	(m)	125	U	A
Cardinal CG	Casa Grande, AZ	4105	COMPOSITE	(s)	250	U	A
Cardinal CG	Tumwater, WA	2956	CPSC ONLY	(m)	750	U	
Cardinal CG	Buford, GA	2148	COMPOSITE	(s)	200	U	A
Cardinal CG	Waxahachie, TX	2705	COMPOSITE	(m)	550	U	A
Cardinal IG	Mountain Top, PA	3072	COMPOSITE	(m)	100	U	A
Cardinal IG	Waxahachie, TX	2399	COMPOSITE	(m)	900	U	A
Cardinal IG	Fremont, IN	2205	COMPOSITE	(d)	150	U	A
Cardinal IG	Greenfield, IA	1843	CPSC ONLY	(s)	500	U	
Cardinal IG	Hood River, OR	2859	COMPOSITE	(m)	750	U	A
Cardinal IG	Spring Green, WI	1846	COMPOSITE	(s)	500	U	A
Cardinal IG	Tomah, WI	2323	COMPOSITE	(d)	500	U	A
Cardinal IG	Vinton, VA	3619	COMPOSITE	(s)	100	U	A
Cardinal IG	Fargo, ND	2286	COMPOSITE	(s)	150	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, PR China	4236	COMPOSITE	(s)	750	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4334	COMPOSITE	(d)	285	U	A
Consolidated Glass Corp.	New Castle, PA	2354	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)	285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3971	COMPOSITE	(s)	100	U	A
Glass, Inc.	Englewood, CO	2193	COMPOSITE	(s)	250	U	A
GlassDepot, LLC	Chicago, IL	3837	COMPOSITE	(s)	500	U	A
Guardian Industries Corp.	DeWitt, IA	2668	COMPOSITE	(s)	500	U	A
Guardian Industries Corp.	Richburg, SC	1865	COMPOSITE	(m)	285	U	A
Guardian Industries Corp.	Kingsburg, CA	1304	COMPOSITE	(m)	125	U	A
Guardian Industries Corp.	Corsicana, TX	2460	COMPOSITE	(m)	550	U	A
Guardian Webster, Inc.	Webster, MA	2603	COMPOSITE	(m)	100	U	A
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	3037	COMPOSITE	(m)	100	U	A
Intigral	Walton Hills, OH	3632	COMPOSITE	(m)	200	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
Oldcastle BuildingEnvelope™	Covington, GA	3338	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3243	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Shawnee, OK	3103	COMPOSITE	(m)	175	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3283	COMPOSITE	(d)	150	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3319	COMPOSITE	(m)	550	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3188	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Langley, BC Canada	3297	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3596	COMPOSITE	(m)	200	U	A
Oldcastle BuildingEnvelope™	Indianapolis, IN	2215	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>3/16 Inch Tempered Patterned Glass</i>							
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3274	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	935	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3136	COMPOSITE	(m)	125	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3502	COMPOSITE	(m)	285	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3178	COMPOSITE	(d)	500	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	4424	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3164	COMPOSITE	(m)	550	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3427	COMPOSITE	(m)	175	U	A
Oldcastle BuildingEnvelope™	Hauppauge, NY	3492	COMPOSITE	(d)	400	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3153	COMPOSITE	(m)	500	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3201	COMPOSITE	(m)	125	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3113	COMPOSITE	(s)	150	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3228	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	3124	COMPOSITE	(m)	185	U	A
PGF Industries	Langley, BC	3549	COMPOSITE	(m)	750	U	A
PGT Industries	Nokomis, FL	3881	COMPOSITE	(s)	285	U	A
PGT Industries	Salisbury, NC	4178	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)	400	U	A
SIGCO, Inc.	Portland, ME	3028	COMPOSITE	(m)	100	U	A
Southern Wholesale Glass, Inc.	Americus, GA	4195	COMPOSITE	(s)	185	U	A
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMPOSITE	(m)	285	U	A
Tempered Glass, Inc.	Atlanta, GA	3554	COMPOSITE	(s)	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)	285	U	A
Tristar Glass Inc.	Tulsa, OK	4011	COMPOSITE	(s)	175	U	A
United Glass Corporation	Pittsburgh, PA	1790	COMPOSITE	(s)	100	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
Vitro America, Inc.	Houston, TX	3931	COMPOSITE	(s)	550	U	A
Vitro America, Inc.	Las Vegas, NV	4219	COMPOSITE	(m)	250	U	A
Vitro America, Inc.	Dallas, TX	1728	COMPOSITE	(s)	900	U	A
Vitro America, Inc.	City of Industry, CA	4373	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Greensboro, NC	2077	COMPOSITE	(s)	285	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™	Albertville, MN	3114	COMPOSITE	(s)	150	U	A
<i>1/4 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Kingsport, TN	3026	COMPOSITE	(d)	285	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
AGC Flat Glass North America	San Antonio, TX	3819	COMPOSITE	(s)	550	U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangshu Province, PR China	4237	COMPOSITE	(s)	750	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4338	COMPOSITE	(m)	285	U	A
Contractors Wardrobe	Valencia, CA	3476	COMPOSITE	(m)	250	U	A

Certified Products-By Product Type

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<i>1/4 Inch Tempered Patterned Glass</i>							
Coral Industries	Tuscaloosa, AL	2944	COMPOSITE	(d)	550	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3972	COMPOSITE	(s)	100	U	A
Guardian Industries Corp.	Richburg, SC	3002	COMPOSITE	(m)	285	U	A
Guardian Industries Corp.	Kingsburg, CA	1882	COMPOSITE	(m)	125	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™	Tampa, FL	3125	COMPOSITE	(m)	185	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3154	COMPOSITE	(m)	500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3165	COMPOSITE	(m)	550	U	A
Oldcastle BuildingEnvelope™	Perrysburg, OH	3244	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Schofield, WI	3179	COMPOSITE	(d)	500	U	A
Oldcastle BuildingEnvelope™	Calgary, AB Canada	3275	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3189	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3339	COMPOSITE	(m)	100	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3229	COMPOSITE	(m)	750	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3320	COMPOSITE	(s)	550	U	A
Oldcastle BuildingEnvelope™	Bensenville, IL	3597	COMPOSITE	(d)	200	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3284	COMPOSITE	(d)	150	U	A
Oldcastle BuildingEnvelope™	Albertville, MN	3561	COMPOSITE	(s)	150	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3907	COMPOSITE	(m)	125	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	4133	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3999	COMPOSITE	(s)	125	U	A
PFG Industries	Langley, BC	3711	COMPOSITE	(m)	750	U	A
Qinhuangdao Jixiang Glass Industry	Qinhuangdao, Hebei Province, 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
United Plate Glass Co., Inc.	Butler, PA	2475	COMPOSITE	(m)	100	U	A
Vitro America, Inc.	City of Industry, CA	4189	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Las Vegas, NV	4220	COMPOSITE	(m)	250	U	A
<i>6 mm Tempered Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)</i>							
Haida Safety Glass Ltd.	Wuxi, Jiangsu, China	3038	COMPOSITE	(m)(5)	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	Hebron, OH	3082	COMPOSITE	(d)	200	U	A
AGC Flat Glass North America	San Antonio, TX	3820	COMPOSITE	(s)	550	U	A
Coastal Glass Distributors Inc.	Charleston, SC	4339	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
Downey Glass Industries, LLC	Pompano Beach, FL	3488	COMPOSITE	(s)	285	U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3973	COMPOSITE	(s)	100	U	A
GlassDepot, LLC	Chicago, IL	3838	COMPOSITE	(s)	500	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™	Calgary, AB Canada	3262	COMPOSITE	(d)	750	U	A
Oldcastle BuildingEnvelope™	Miami, FL	3503	COMPOSITE	(s)	285	U	A
Oldcastle BuildingEnvelope™	Battle Ground, WA	3230	COMPOSITE	(m)	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™	Bensenville, IL	3598	COMPOSITE	(d)	200	U	A
Oldcastle BuildingEnvelope™	Grand Prairie, TX	3428	COMPOSITE	(s)	175	U	A

Certified Products-By Product Type

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<i>3/8 Inch Tempered Patterned Glass</i>							
Oldcastle BuildingEnvelope™	Albertville, MN	3127	COMPOSITE	(m)	150	U	A
Oldcastle BuildingEnvelope™	Denver, CO	3321	COMPOSITE	(s)	550	U	A
Oldcastle BuildingEnvelope™	Concord, ON Canada	3448	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Covington, GA	3340	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Tampa, FL	4340	COMPOSITE	(s)	185	U	A
Oldcastle BuildingEnvelope™	Phoenix, AZ	3729	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Moorestown, NJ	3190	COMPOSITE	(s)	100	U	A
Oldcastle BuildingEnvelope™	Freemont, CA	3203	COMPOSITE	(s)	125	U	A
Oldcastle BuildingEnvelope™	Warrenton, MO	3155	COMPOSITE	(d)	500	U	A
Oldcastle BuildingEnvelope™	Houston, TX	3166	COMPOSITE	(s)	550	U	A
Oldcastle BuildingEnvelope™	Los Angeles, CA	3793	COMPOSITE	(d)	125	U	A
Oldcastle BuildingEnvelope™	Rock Hill, SC	3285	COMPOSITE	(d)	150	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
United Glass Corporation	Pittsburgh, PA	4453	COMPOSITE	(s)	100	U	A
Vitro America, Inc.	City of Industry, CA	4374	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Las Vegas, NV	4221	COMPOSITE	(s)	250	U	A
Vitro America, Inc.	Greensboro, NC	4383	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
<u>Tempered Bent Patterned Glass</u>							
<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
<u>Tempered Bent Glass</u>							
<i>1/8 Inch Tempered Bent Glass</i>							
Sovis North America, Inc.	Madison, GA	2727	COMPOSITE		400	U	A
<i>5/32 Inch Tempered Bent Glass</i>							
Anthony Temperbent, GP LLC	Alsip, IL	1563	COMPOSITE		100	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3991	COMPOSITE		125	U	A
Saint-Gobain SOVIS	Thierry, France	1992	COMPOSITE	(IN)	400	U	A
Sovis North America, Inc.	Madison, GA	2305	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 Temperbent, GP LLC	Alsip, IL	1564	COMPOSITE		100	U	A
JYC Glass Co. Ltd.	Zhangcha, Foshan China	3992	COMPOSITE		125	U	A
Refrigeration & Display Components LLC	Yangzhou, China	4288	COMPOSITE		750	U	A
Saint-Gobain SOVIS	Thierry, France	2770	COMPOSITE		400	U	A
Sovis North America, Inc.	Madison, GA	2306	COMPOSITE		400	U	A
Yao Xiang Glass Product Co. Ltd.	Guang Dong China	3742	COMPOSITE		285	U	A
<i>1/4 Inch Tempered Bent Glass</i>							
Anthony Temperbent, GP LLC	Alsip, IL	1565	COMPOSITE		100	U	A

Certified Products-By Product Type

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<i>1/4 Inch Tempered Bent Glass</i>								
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	
Refrigeration & Display Components LLC	Yangzhou, China	4289	COMPOSITE		750	U	A	
Saint-Gobain SOVIS	Thierry, France	1864	COMPOSITE		400	U	A	
Sovis North America, Inc.	Madison, GA	2307	COMPOSITE		400	U	A	
Vetzeria 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	
<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	
Oldcastle BuildingEnvelope™	Bensenville, IL	3753	COMPOSITE		200	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	
<u>Laminated Transparent Glass</u>								
<i>(S) Laminated Transparent Glass</i>								
3mm Oldcastle BuildingEnvelope™	Schofield, WI	3175	COMPOSITE	(.015) (b)(C1)	500	U	B	
<i>(S) Laminated Transparent Glass</i>								
4-6mm Guardian Industries Canada Corp.	Rexdale, ON Canada	2808	COMPOSITE	(.030) (b)	400	U	A	
<i>(S) Laminated Transparent Glass</i>								
5mm AGC Flat Glass North America	Carbondale, PA	4231	COMPOSITE	(.015) (b)	100	U	B	
5mm Cardinal LG	Amery, WI	4120	COMPOSITE	(.015)(C1) (b)	150	U	B	
5-6mm Cardinal LG	Amery, WI	2976	COMPOSITE	(.030) (b)	150	U	A	
5-6mm Pennsylvania Insulating Glass	Lewistown, PA	3918	COMPOSITE	(.030) (b)	100	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	4298	COMPOSITE	(.030) (b)	100	U	A	
6mm Arch Aluminum & Glass	Fort Worth, TX	3603	COMPOSITE	(.030) (b)	175	U	A	
6mm Arch Aluminum & Glass Co., Inc.	Tamarac, FL	2785	COMPOSITE	(.030) (b)	285	U	A	
6mm Arch Aluminum & Glass Co. Inc.	Villa Rica, GA	3536	COMPOSITE	(.030) (b)	285	U	A	
6mm Arch Aluminum & Glass Co. Inc.	New Berlin, WI	3430	COMPOSITE	(.030) (b)	150	U	A	
6mm Arch Aluminum & Glass Co., Inc.	City of Industry, CA	4233	COMPOSITE	(.030) (b)	125	U	A	
6mm Arch Aluminum & Glass Co., Inc.	Youngsville, NC	4437	COMPOSITE	(.030) (b)	285	U	A	
6mm Arch Aluminum & Glass Co., Inc.	Orlando, FL	3461	COMPOSITE	(.030) (b)	285	U	A	
6mm Arch Deco Glass	Columbus, OH	3407	COMPOSITE	(.030) (b)	285	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	

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<i>(S) Laminated Transparent Glass</i>							
6mm Cuda Glass & Metals	Wixom, MI	4412	COMPOSITE	(.030) (ev)	150	U	A
6mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4122	COMPOSITE	(.015) (b)	285	U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4413	COMPOSITE	(.035) (ip)	285	U	A
6mm Guardian Fabrication, Inc.	Reedley, CA	4360	COMPOSITE	(.030) (b)	125	U	A
6mm Insulite Glass Co., Inc.	Olathe, KS	3718	COMPOSITE	(.030) (b)	150	U	A
6mm Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4313	COMPOSITE	(.035) (ip)	125	U	A
6mm Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4311	COMPOSITE	(.030) (b)	125	U	A
6mm Oldcastle BuildingEnvelope™	Miami, FL	4001	COMPOSITE	(.030) (b)	285	U	A
6mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4434	COMPOSITE	(.015) (b)	100	U	A
6mm Oldcastle BuildingEnvelope™	Perrysburg, OH	3241	COMPOSITE	(.030) (b)	100	U	A
6mm Oldcastle BuildingEnvelope™	Los Angeles, CA	4346	COMPOSITE	(.030) (b)	125	U	A
6mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4432	COMPOSITE	(.035) (ip)	100	U	A
6mm Oldcastle BuildingEnvelope™	Tampa, FL	4450	COMPOSITE	(.030) (ip)	185	U	A
6mm Oldcastle BuildingEnvelope™	Grand Prairie, TX	3258	COMPOSITE	(.030) (b)	175	U	A
6mm Oldcastle BuildingEnvelope™	Miami, FL	4397	COMPOSITE	(.030) (ip)	285	U	A
6mm Oldcastle BuildingEnvelope™	Schofield, WI	3176	COMPOSITE	(.030) (b)	500	U	A
6mm Oldcastle BuildingEnvelope™	Tampa, FL	4448	COMPOSITE	(.030) (b)	185	U	A
6mm PGT Industries	Salisbury, NC	4157	COMPOSITE	(.030) (b)	285	U	A
6mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2269	ANSI ONLY	(.015) (b)	400	U	B
6mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2743	COMPOSITE	(.030) (b)	400	U	A
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 Taiwan Glass Industry Corporation	Taipei, Taiwan	3892	COMPOSITE	(.015) (b)	750	U	A
6mm Traco (Three Rivers Alum)	Cranberry Township, PA	2714	COMPOSITE	(.030) (b)	285	U	A
6mm Tristar Glass Inc.	Tulsa, OK	4410	COMPOSITE	(.030) (b)	175	U	A
6mm Tweddell's Inc.	Santa Ana, CA	4259	COMPOSITE	(.030) (b)	125	U	A
6mm Viracon, Inc.	Statesboro, GA	3299	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>							
8-12, 19+mm AGC Flat Glass North America	Jacksonville, FL	4141	COMPOSITE	(.030) (b)	285	U	A
8-12mm AGC Flat Glass North America	Jacksonville, FL	4142	COMPOSITE	(.090) (ip)	285	U	A
8-12mm Cardinal LG	Ocala, FL	3510	COMPOSITE	(.030) (b)	285	U	A
8-12mm Cardinal LG	Amery, WI	2462	COMPOSITE	(.030) (b)	150	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)	175	U	A
8-12mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan City, Guangdong, China	4123	COMPOSITE	(.015) (b)	285	U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4414	COMPOSITE	(.035) (ip)	285	U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4376	COMPOSITE	(.030) (b)	285	U	A
8-12mm Guardian Industries Canada Corp.	Rexdale, ON Canada	3608	COMPOSITE	(.030) (b)	400	U	A

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<i>(H) Laminated Transparent Glass</i>							
8mm Insulite Glass Co., Inc.	Olathe, KS	3720	COMPOSITE	(.060) (b)	150	U	A
8mm Jiangmen SYP Engineering Glass Co., Ltd	Jiangmen, Guangdong	4312	COMPOSITE	(.015) (b)	125	U	A
8-16+mm Oldcastle BuildingEnvelope™	Tampa, FL	4451	COMPOSITE	(.030) (ip)	185	U	A
8mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4445	COMPOSITE	(.060) (ip)	100	U	A
8-16+mm Oldcastle BuildingEnvelope™	Tampa, FL	4449	COMPOSITE	(.030) (b)	185	U	A
8-10mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4435	COMPOSITE	(.015) (b)	100	U	A
8-16+mm Oldcastle BuildingEnvelope™	Miami, FL	4399	COMPOSITE	(.030) (ip)	285	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	4398	COMPOSITE	(.030) (b)	285	U	A
8mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4447	COMPOSITE	(.060) (b)	100	U	A
8-10mm Pennsylvania Insulating Glass	Lewistown, PA	3919	COMPOSITE	(.030) (b)	100	U	A
8-12mm PGT Industries	Nokomis, FL	2426	COMPOSITE	(.060) (b)	285	U	A
8-12mm PGT Industries	Nokomis, FL	3482	COMPOSITE	(.090) (ip)	285	U	A
8-12mm PGT Industries	Salisbury, NC	3522	COMPOSITE	(.090) (ip)	285	U	A
8-12mm PGT Industries	Salisbury, NC	3519	COMPOSITE	(.030) (b)	285	U	A
8-10mm Saint Gobain Mexico, S.A. de C.V.	Morelos, Mexico	2267	ANSI ONLY	(.015) (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
8mm Simonton Windows	McAlester, OK	3384	COMPOSITE	(.090) (b)	100	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)	285	U	A
8 & 12mm Traco (Three Rivers Alum)	Cranberry Township, PA	2715	COMPOSITE	(.060) (b)	285	U	A
10-12mm Tristar Glass Inc.	Tulsa, OK	4411	COMPOSITE	(.030) (b)	175	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 Berkowitz, J.E.	Pedricktown, NJ	3750	COMPOSITE	(.030) (b)	100	U	A
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™	Perrysburg, OH	4446	COMPOSITE	(.030) (b)	100	U	A
10-16+mm Oldcastle BuildingEnvelope™	Perrysburg, OH	4444	COMPOSITE	(.035) (ip)	100	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

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<i>(H) Laminated Transparent Glass</i>							
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)	285	U	A
10-16+mm Viracon, Inc.	St. George, UT	4442	COMPOSITE	(.030) (b)	125	U	A
10-16+mm Viracon, Inc.	Owatonna, MN	4249	COMPOSITE	(.030) (b)	150	U	A
10, 19+mm Vitraform, Inc.	Denver, CO	4274	CPSC ONLY	(.020) (lc)	500	U	A
<i>(H) Laminated Transparent Glass</i>							
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 Dlubak Corporation	Blairsville, PA	3021	COMPOSITE	(.030) (b)	100	U	A
12-16+mm Galaxy Glass & Stone	Fairfield, NJ	3661	COMPOSITE	(.060) (lu)	100	U	A
12mm Oldcastle BuildingEnvelope™	Houston, TX	4401	COMPOSITE	.090 (ip)	550	U	A
12-16+mm Oldcastle BuildingEnvelope™	Montreal, QC Canada	4436	COMPOSITE	(.030) (b)	100	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)	285	U	A
12-16+mm Viracon, Inc.	Owatonna, MN	4250	COMPOSITE	(.030) (ip)	150	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 Hartung Glass Industries Lami	Langley, BC Canada	4431	COMPOSITE	(.060) (ip)	0	U	A
16mm Oldcastle BuildingEnvelope™	Houston, TX	4402	COMPOSITE	.030 (b)	550	U	A
16+mm Shanghai Haojing Glass Co. Ltd.	Shanghai, China	4263	COMPOSITE	(.060) (b)	150	U	A
16+mm Tianjin CSG Architectural Glass Co., LTD.	Tianjin, China	4108	COMPOSITE	(.090) (b)	100	U	A

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<p>150 Architectural Testing, Inc. 849 Western Avenue North St. Paul, MN 55117-5345 Attn: Mr. Dan Johnson or Mr. Zane Wybest Phone: (651) 636-3835 Fax: (651) 636-3843 Email: djohnson@archtest.com or zwybest@archtest.com</p>	<p>285 Fenestration Testing Laboratory, Inc. 8148 N.W. 74th Avenue Medley, FL 33166 Attn: Mr. Manny Sanchez Phone: (305) 885-3328 Fax: (305)885-3329 Email: manny@fenlab.com</p>
<p>100 Architectural Testing, Inc. 130 Derry Court York, PA 17406 Attn: Mr. Scott Swaltek Phone: (717) 764-7700 Fax: (717) 764-4129 Email: sswaltek@archtest.com</p>	<p>400 Intertek 75 Clinton Avenue Cortland, NY 13045-0950 Attn: Don James Phone: (607) 758-6670 Fax: (607) 758-6666 Email: don.james@intertek.com</p>
<p>125 Architectural Testing, Inc. 2524 East Jensen Avenue Fresno, CA 93706 Attn: Mr. Leaton Kirk or Kenny White Phone: (559) 233-8705 Fax: (559) 233-8360 Email: Lkirk@archtest.com, kwhite@archtest.com</p>	<p>NCTL Northwest 3310 Hill Avenue Everett, WA 98201 Attn: Mr. Jeff Douglas Phone: (425) 259-6799 Fax: (425) 259-4936 Email: jdouglas@nctlinc.com</p>
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<p>185 Architectural Testing, Inc. 2250 Massaro Blvd. Tampa, FL 33619 Attn: Don Beltz Phone: (813) 628-4300 Fax: (813) 628-4433 Email: dbeltz@archtest.com</p>	<p>500 STORK-Patzig Testing Laboratories 3922 Delaware Avenue Des Moines, IA 50313 Attn: Mr. Brian Escherich Phone: (515) 266-5101 Fax: (515) 262-1910 Email: brian.escherich@stork.com</p>
<p>195 Architectural Testing, Inc. 22155 68th Ave. South Kent, WA 98032-1937 Attn: Mr. Jeff Dideon Phone: (253) 395-5656 Fax: (253) 395-5657 Email: jdideon@archtest.com</p>	<p>550 STORK-Southwestern Laboratories 222 Cavalcade Street Houston, TX 77009-3212 Attn: Mr. Terry Wilt Phone: (713) 692-9151 Fax: (713) 696-6205 Email: terry.wilt@stork.com</p>
<p>200 Bowser-Morner, Inc. 4518 Taylorsville Road Dayton, OH 45424 Attn: Mr. Jim Duncan Phone: (937) 236-8805 Fax: (937) 237-9947 Email: jduncan@bowser-morner.com</p>	<p>The ID of the Laboratory used for testing of each product is provided in the Certified Products "By Product Type" of this Certified Products Directory</p>
<p>250 Construction Consulting Laboratory West 4751 W. State Street, Suite B Ontario, CA 91762 Attn: Mr. Jack Jackson Phone: (909) 591-1789 Fax: (909) 627-9020 Email: jackwjack@earthlink.net</p>	<p>Please note: For initial certification of prototype samples, the manufacturer pays the laboratory directly for testing and must contact the laboratory for prototype testing fees.</p>