



safety glazing certification council

July 1, 2015

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

July 1, 2015

Safety Glazing Certification Council Certified Products Directory (CPD)

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

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

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://www.ansiz97.com/purchase/>

~ ~ ~

"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

~ ~ ~

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-M90"

Copies of CAN/CGSB 12.1 may be obtained by calling (613) 238-3222, writing the following address or visiting the following website:

The Secretary
Canadian General Standard Board
Ottawa, Canada K1A 1G6
http://www.techstreet.com/standards/can_cgsb/12_1_m90?product_id=10492

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

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

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

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~ MEETINGS OF THE CERTIFICATION COMMITTEE ~

The Certification Committee of the Safety Glazing Certification Council meets annually. Minutes of these meetings may be obtained by writing to the Administrative Manager of the Safety Glazing Certification Council (SGCC®) or by visiting the SGCC website at www.sgcc.org

Certification in this directory is current as of the date of issue, however, products may be certified or have certification removed from time to time. For the most current information, please contact the Administrative Manager of SGCC® or visit the SGCC website at www.sgcc.org

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

~ ADMINISTRATION ~

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Katrina Stafford, Program Manager
Brandy Redder, Administrative Assistant
Cathy Kaehler, Administrative Assistant

~ ROSTER ~

~ SGCC® BOARD OF DIRECTORS ~

~ SGCC® OFFICERS ~

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July 1, 2015

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

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SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
AAG-AI Abbar Architectural Glass	Jean Lelievre	Ezhilenth Narayanan	
AGC Flat Glass North America	Mark B. Cody	Jon Hughes	
AGNORA (Architectural Glass North America)	Jeff Wilkins		
Aldora Aluminum and Glass Products, Inc.	Manny Valladares		
All Team Glass & Mirror, Ltd.	Lee Timoll	Joseph Montiano	
Alumana Industries	Rey John Elape		
Aluminum Technology Auxiliary Industries	Thampi Narayanan		
American Insulated Glass Inc.	Rick Freeman		
American Shower Door	Tom Hori		
Amsco Windows	Joe Jonely		
Anthony International	Matt Rolek	Don Sokol	
Architectural Glass Products, LLC.	Sharon Gambill		
Arlene Stained Glass & Door	Son Nguyen		
Basco Engineered Products	Dale Schmidt	Gary Brown	
Beijing Jinjing Wisdom Co., Ltd.	Steven Shung		
Beijing Wuhua Tianbao Glass Co.	Jesse		
Bendheim Wall Systems	Robert Jayson		
Berkowitz J. E., LP	Jim Stinsman		
Blue Star Glass Inc.	Maureen Poole		
Bronco Industries, Inc.	Bronson Lam		
Cameron Glass, Inc.	John Alajaji	Troy Gillion	
Cardinal IG	Bernie Herron	Rob Grommesh	Oak Moser
Cardinal Tempering	Greg Abrams		
Changshu Hard Glass Co., Ltd.	Zinger Yu		
Changshu Weier Glass Products Co. Ltd.	Denise Weier		
Changshu Xingfu Glass Building Material Co., LTD	Zhong Chun		
Changshu ZhongCheng Building Materials Co., Ltd.	Denise Lu		
Changshu Zhouxing Glass Co. Ltd.	Xiaodong Qian		
Chicago Tempered Glass, Inc.	Adam Kaczynski		
Clarus Glassboards	Matt Hoelzl		
Classy Glass Specialties Co., Ltd	Hang Hongmei		
ClearEdge Glass	Brian LaBorde		
Cleer Vision Tempered Glass	Joseph Santelli		
Columbia Commercial Bldg Prod.	Brian Baldridge	Steve Burns	
Commercial Insulating Glass Co.	Jeff Winsler		
Consolidated Armor Products, LLC	Paul Sivertson		
Consolidated Glass Corp.	Carl Carmen	Shane Merryman	Louis Merryman
Contour Industries, Inc.	Lee Mulkey	David Tomlinson	
Contract Glass	Bill Crawford		
Contractors Wardrobe	Jack Violante		
Coral Industries Glass Division	Patrick Conner		
Cuda Glass & Metals	Larry Abramowski		
Custom Glass Products Inc.	Eric Reeder		
D3 Glass, LLC	Doug Daubmann		
Dalian Huaying Glass Limited Liability Co.	Becky Feng		
Dallas Flat Glass Distributors, Inc.	Linda Jo Holman		
Denver Glass Interiors, Inc.	David Uhey		
Deqing Sanxing Plastic Chemical Co. Ltd.	Yang Min		
Diamond Sea Glaze	Mark Chesley		
Dillmeier Enterprise, Inc.	Cody Tran		
Dolphin Glass Specialists, LLC	Jose Prieto		

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Licensee	Primary Member	First Alternate	Second Alternate
DongGuan CSG Architectural Glass Co., Ltd.	Yu GuangHui		
Dongguan Dongfa Glass Product Co., Ltd	Shenwen Li		
Dongguan Trillion Aluminum Glass Co., Ltd	David Chia		
Downey Glass Industries, LLC	Hugh Higgins		
Eckelt Glas GmbH	Christian Eckelt		
EFCO Corporation	Mark Crane		
EFI	Kenny McCutcheon		
Engineered Glass Products, L.L.C.	Goran Radojevich	Isabel Quintero	
Fairis C.A.	Jorge Jaramillo		
Flat Glass Distributors, Inc.	Thomas Cruz		
Foshan Gaoming Yaqi Toughened Glass	Steven Shung		
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Zhiming Zeng		
Fujian Xihe Sanitary Ware Technology Co., Ltd	Hunter Hao		
Fujiansheng Binchang Metal Products Co., Ltd	Wenjun Huang		
Future Architectural Glass LLC	Senaka Bandusena		
Galaxy Glass & Stone	Eugene Negrin	John O'Keefe	
Garibaldi Glass Ind. Inc.	Nick Meissner		
General Glass	Greg Bakken		
GGI Glass Distributors Corp.	Bud Hudgins	David S. Balik	
Glas Works, Inc.	Salva Sorka		
Glass Design of Miami, Inc.	Ernesto Garcia		
Glass Dynamics, Inc.	Conrad Lankford		
Glass Enterprises Inc.	Joshua Burg		
GlassFab Tempering Services, Inc.	Brian Frea		
Glasswerks LA, Inc.	Robert Mastrapa		
Glaz-Tech Industries, Inc.	Bill Folino		
Glenny Glass Co.	Braxton Smith		
Global Security Glazing	Mark Johnson		
Goldray Industries Ltd.	Cathie Saroka	Mike Saroka	
Grand Glass Windows and Doors Inc.	Tim Beasley		
Guangdong Golden Glass Technologies Limited	Wu Congzhen		
Guardian Fabrication, Inc.	Kevin B. Olah	Melissa Matyniak	Carrie Karasiewicz
Gulf Glass Industries, Co. LTD	Samih Fatayerji		
Hartung Glass Industries	Bruce Butler		
Industrial Tempering Glass	Alexander Weinberger		
Inkan Ltd	Kevin Duke		
Innovative Glass of America, Inc.	Derek Spears		
Insulite Glass Co., Inc.	Larry Vasholz		
Integral Seal Mfg. Inc.	Ben Nayot		
Interglass Corp	Miguel Juliao		
Intex Glass (Xiamen) Co., Ltd.	Chris Snyder		
Intigral	Mark Hutchinson		
Jiaxing FOCA Sanitaryware Co., Ltd.	Jodie Hui		
Jiaxing Joinbath Corporation	Mr. Chuanping Zhang		
Jin Yao Chang Tempered Glass Co., Ltd	Steven Shang		
JM Glass	Mayreni Morales	Jose Morales	
JYC Glass Co. Ltd.	Li Xiang Sheng		
Kibing Special Glass Zhangzhou Co., Ltd.	Helen Chang		
Kohler Company	Matt Wright	Doug Glisson	Buddy Thompson
Lamiver Inc.	Edgar Cormier	Chantel Theriault	
Louisville Plate Glass	Bill Stone		

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
Luminous Glass Solutions	Yanill Lopez		
M Industria S.A. DE C.V.	Mauricio Millet Medina	Juan Polanco	Ricardo Tonueyo
M/M Tempering Inc.	Joseph L. Stevens		
Maryland Glass & Mirror	Matthew Dalbke		
McGrory Glass	Gary McGrory		
Mega Tempering	Ioannis Mariollis		
Mercer Glass Fab LLC	Thomas Wenczel		
Milgard Tempering	Oscar Alacon	Eric Yarbrough	
Nashville Tempered Glass Corp.	Dan Haney	Richard Paschel	
New Angle Beveling	Marc Martell		
New Century Glass & Aluminum LLC	Jason Cao		
Northwest Glass, Inc.	Bill Pollack		
NY Tempering LLC	Haidong Weng		
Oldcastle BuildingEnvelope®	Rick Wright	Robert Williams	
Paragon Tempered Glass	T. Copsey		
Patio Enclosures	Jack Garforth	Craig Cox	
Pennsylvania Insulating Glass	Tim Wilkins		
Perficom S.A. DE C.V.	Enrique Presa		
PFG Glass Industries	Steve Nielsen		
PG Building Glass Processing	Graham Cranswick	Andrew De Jager	
PGT Industries	Rod Hershberger		
Phoenicia Flat Glass Industries	Mario Resch		
Poma Glass & Specialty Windows Inc. dba AGC Gla	Mark Cody	Dennis Ervin	
PPG Inds. Inc.	Paul W. Bush	Wayne Boor	Kevin Ramus
Prelco Inc.	Stephane Mercier		
PRL Glass Systems	Ruben Gallegos		
Productos De Valor Agregado en Cristal S.A. de C.V.	Jaime Guzman Salazar		
Produits Verrier International Inc.	Victor Scherer		
PT Abebersa Pratama	Mahud Malim		
Pulp Studio Inc.	Bernard Lax		
Qingdao Apis Glass Industries Ltd.	Henry Hao		
Qingdao Jinjing Co., Ltd.	Mark Wang		
Qinhuangdao Detai Tempered Glass Co., Ltd.	Yijing Wang		
Qinhuangdao High Tech Energy Saving Dorwin Co.,	Lang Xiao Yan		
Qinhuangdao Jingxin Glass Co., Ltd.	Dongsheng Yan		
Qinhuangdao Kunping Safety Glass Co. Ltd.	Zhao Ping-Wang		
Qinhuangdao Mingjingyuan Safety Technology	Gavin Pan		
Qinhuangdao Qicaishi	Qifei Chen		
QinHuangDao Tianrui Tempered Technology Glass	Zhu YanJun	Cheng Yi Bin	
Quaker Window Products, Inc.	Curtis Weavers		
Quality Glass & Mirror, Inc.	Tom Markowski		
Ready Glass & Mirror, Inc.	Silverio Perez		
Reem Emirates Aluminum & Glass	Hamed Hussein		
RF Supply, Inc.	Mike Hoelle		
Robover Inc.	Alain Fortin		
SAAND Inc.	Steve Callahan		
SAGE Electrochromics Inc.	Helen Sanders		
Saint-Gobain SOVIS	Jean-Francois Royan		
Sanshiba	Toshiaki Matsuda		
SCHOTT Gemtron - Sweetwater	Bill Long	Jack Francis	
SCHOTT Gemtron (Canada) Corporation	Bill Bartlett		

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Licensee	Primary Member	First Alternate	Second Alternate
Shanghai Chung Glass	Steven Shang		
Shanghai Mingte Glass Technology Co., Ltd.	Caiying Xia		
Shanghai Yaohua Pilkington Glass Group Co., Ltd.	Dr. Sun Dahai		
Shenzhen Kai Tai Glass Co., LTD	Zheng gang He		
Shwinco Architectural Products LLC	Craig Shipp, Sr.		
SIGCO, Inc.	David A. McElhinny		
Simonton Windows	Kevin Baker	Chuck Andersen	
Sky Land Tempering Glass Corp	Ricky Zeng		
Solar Seal Company-CT	Alex Bradaran	Eric Shaw	
Solar Seal Company-MA	Alex Bradaran	Eric Shaw	
Soma Towers LLC	Isaac Alshihabi		
Specialty Glass	David Bazzano		
Swift Glass Co., Inc.	Daniel J. Burke	Kathleen B. Schweizer	Charles Burke
Syracuse Glass Co., Inc.	John Dwyer		
Tacoma Glass Mfg. Inc.	Tim Conroy		
Tai Shan City Da Heng Art Glass Ltd.	Liu Woxian		
Tai Sheng (Dong Guan)Glass Co.,Ltd	Zhibing Liu		
Taiwan Glass USA Sales Corp.	Peter Chen		
Techni-Glass, Inc.	Pat Murphy	Jason Hooven	
Tecnoglass S.A.	Christian Daes		
Tempco Glass and Fabrication, LLC	Michelle Pascal		
TG Changjiang Glass Co., Ltd	Richard Chubb		
The Original Frameless Shower Door	John Serino		
Thermal Seal Insulating Glass	Ann Oliveira		
Thermo BSL	Pierre-Luc Bellavance		Guy Poirier
Thermoseal Industries, LLC	Richard Chubb		
Thompson I.G. , LLC.	Heather Abbas		
Tianjin CSG Energy Conservation Glass Co., LTD	Zaida Liu		
TianJin Dong Sung Home Building Materials Co. Ltd.	Sang Kuy Lee		
Tianjin Northglass Industrial Technical Co., Ltd.	Zhang Xue	Anna Wu	
TRACO (Three Rivers Alum)-PA	Dale Pittman		
Tri-Star Glass, Inc.	Tim Kelley		
Triview Glass Industries	Alex Kastaniuk		
Troy Systems LLC	Ali Guney		
Trulite Glass and Aluminum Solutions	Phil Danielson		
TVITEC	David Lopez	Alexandra Gonzalez	
Tweddell's Inc.	Corey Myer	Ed Blair	
United Plate Glass Co., Inc.	Darin Vietmeier		
Unitex Glass Chengdu Co., Ltd	Andy Yu	Chen Xinhua	
Upstate Glass Tempering Inc.	David Chavoly		
Vetzeria F. Illi Paci	Maurilio Paci		
Vetzeria Valentini S.R.L.	Claudio Valentini		
Vidrio Bisel S.A. de C.V.	Ignacio Flores Suarez		
Vidrios Marte SA de CV	Hugo Hernandez		
View Inc.	Joe Crouson		
Viracon Inc.	Brian Louks	Don Boutelle	
Virginia Glass Products Corp.	Benjamin Beeler	W. Chris Beeler	
Vitemex	Edgar Alonso de la Cruz		
Vitra Vidrios Transformados SA de CV	Miguel Larach		
Viwinco, Inc.	Michael Duncan		
W. A. Wilson Inc.	Robert Hartong		

July 1, 2015

SGCC Certification Committee

Licensee	Primary Member	First Alternate	Second Alternate
White Aluminium Enterprises L.L.C	Jabr Doshan		
Wholesale Glass Distributors, Inc.	Kevin Boudreaux		
Wolverine Glass Products, Inc.	Terry Foust		
WSD Glass, Inc.	Gary Reece		
Wujiang Golden Glass Technologies, Ltd.	WuCong Zhen		
Xinyi Group (Glass) Co. Ltd.	Janette Huang		
Yao Xiang Glass Product Co. Ltd.	Mai Yao Dong		
Yong Feng Tai Foshan City Glas Co., LTD.	Aijun Zhong		
Zhangjiagang City Daming Glass Product Co., Ltd	Xiao Ruijuan		
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Steven Shang		

Certification Committee Chairman - Mark Cody

Member by virtue of being a director

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

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Revised 10/1/2014

~PROGRAM CONCEPT~

The Safety Glazing Certification Council (SGCC®) is a non-profit corporation, established in 1971 by manufacturers of safety glazing products, building code officials, and others concerned with public safety.

The purpose of SGCC is:

- (a) To promote public safety by encouraging maintenance of the highest standards of excellence in the manufacture of safety glazing materials.
- (b) To encourage and cooperate in developing standards related to other performance characteristics of glazing products.
- (c) To plan, organize, direct, coordinate and maintain a certification program for glazing materials to assure that glazing products meet applicable standards or performance requirements adopted or approved by the Council.

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

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

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

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-M90

These specifications subject safety glazing materials, used in buildings and architectural products, to practical tests designed to reduce or eliminate unreasonable risk of death and injury when safety glazing material is broken by human contact.

The specification(s) to which a safety glazing material is certified by SGCC®, is at the direction of the licensee.

SGCC® responsibilities are threefold: to conduct an independent routine sampling and testing program; to approve the form of a licensee's label; and to withdraw the licensee's authority to use that label if certified products do not meet specification(s).

Management and control of SGCC® is vested in a board of directors, half representing industry and half representing the public interest. To prevent industry dominance of SGCC® actions, half the voting power of the board resides in the public interest directors regardless of the number of directors present at a meeting.

The certification program uses approved testing laboratories under the supervision of a qualified Administrator, retained by and responsible to SGCC®, who is unaffiliated with any licensee of safety glazing materials.

The licensee of a product listed in this directory has certified that the labeled material complies with the applicable specification(s). Compliance of a certified product with the applicable specification(s) is checked periodically by an approved testing laboratory under the supervision of SGCC®.

All manufacturers of safety glazing products are eligible and encouraged to apply for SGCC® certification. Products may also be licensed by non-manufacturers. (See "Who Can Become a Licensee.") However, products are not certified until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance, the SGCC® certification invoice is paid, and SGCC® License Agreements are properly executed.

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC® independently

selects, at least twice in each year, samples during visits to the manufacturing plant or randomly from the market place to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s) SGCC® authorizes the continued use of the certification number and the product listing in this directory.

This directory is divided into three basic listings: the first is by numerical sequence of certified product numbers listing the licensee holding that number; the second is of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants; the third is by product type listing all licensees and locations approved for each product type. The Table of Contents lists various procedural and administrative information, as well as information as to where officers and directors may be located. Upon request, information from SGCC® concerning a statement of procedures or copies of minutes are available to manufacturers, public interest groups, and individuals.

~PROCEDURAL GUIDE~

FOREWORD

The acceptance of a certified safety glazing material comes from the conviction such certification assures a high level of safety and quality, and that the integrity of the identifying mark or certification label is reliably maintained by a competent certifying agency.

ANSI Z97.1, 16 CFR 1201 and CAN/CGSB 12.1 all provide sound technical basis for a high level of safety. With the addition of independent administration, plus periodic routine sampling and product evaluation, a program of product certification is maintained which provides an independent third-party certification and testing program. The Certification Program described herein is predicated upon the concept of independent and impartial administration of the certification procedures which are incorporated in the SGCC® License Agreement.

The SGCC® License Agreement is the governing document for the operation of the Certification Program. The Procedural Guide, which is not an extension of this document, is for information and guidance and serves to describe administrative procedures and to ensure the uniform and equitable operation of the Certification Program.

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

The SGCC® Certification Program is based on the conviction no standard of safety or quality is good without the continuous adherence of the licensees' certified products to that standard.

To buyers, specifiers, code officials and users, the SGCC® certification label offers the licensee assurance his safety glazing material has been produced in conformance to ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

Federal law, many state statutes, municipal ordinances, and building codes require glazing materials installed in certain defined locations comply with ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

WHO CAN BECOME A LICENSEE?

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

WHO CONDUCTS THE PROGRAM?

The Safety Glazing Certification Council, a non-profit corporation, is the sponsor of the Certification Program. SGCC® supervises the Certification Program under which its Administrator periodically checks and reports compliance of the products having the SGCC® certification label with the requirements of ANSI Z97.1 and/or 16 CFR 1201 and/or CAN/CGSB 12.1.

ADMINISTRATION

Administrative Management Systems (AMS), is the independent Administrator of the Certification Program. AMS maintains the SGCC® office of certification and conducts the routine day-to-day business. All transactions are done in the name of SGCC®.

HOW CAN YOU BECOME A LICENSEE?

The following must be accomplished before SGCC® can certify an item of safety glazing material:

- a) The applicant signs two copies of the SGCC® License Agreement (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 and/or CAN/CGSB 12.1.
- 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, CPSC and CAN/CGSB 12.1 compliance testing required by the SGCC® certification program. The intent is to enhance the quality of products produced in the interim production periods between test cycles. Although a quality assurance program is a fundamental element of good fabrication practices, only successful testing to ANSI Z97.1, 16 CFR 1201 or CAN/CGSB 12.1 is valid proof of compliance with these standards. A licensee's quality assurance program, as a minimum, must have the following elements:

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

HOW THE CERTIFICATION PROGRAM WORKS

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

All tests are conducted by SGCC® approved testing laboratories. All laboratories, whose test reports are utilized by the Certification Program, shall be approved by the SGCC® Certification Committee. Initial or prototype tests are performed at an approved testing laboratory selected by the licensee. An approved testing laboratory selected with the concurrence of the Administrator by the licensee, tests routine evaluation samples.

ADMINISTRATOR AUTHORIZES CERTIFICATION

As sole judge of compliance with the applicable specification(s), the Administrator authorizes a product, which has been approved to be listed in the Certified Products Directory.

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

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and the permanent label contains the letter "U", designating unlimited size. The letter "L" contained within the permanent label denotes certification is limited to the width and length of the initial or prototype test sample.

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY

Approved products are listed in a Certified Products Directory. The directory is published every six months and is sent to door, sash and building products manufacturers, glazing contractors, home builders, architects, regulatory agencies, code-making groups, etc. Directory listings contain the licensee's name and product description of safety glazing material certified by SGCC®.

The Administrator selects, at least twice in each year, samples of certified safety glazing material to be tested to the applicable specification(s). These samples are selected during visits to the manufacturing plant or from the market place.

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED (Revised 10/2/2014)

Any certified product determined, in the course of routine sampling and evaluation, not in compliance with the applicable specification(s), is upon first failure, subject to the retest requirements of guideline G.11. Should the G.11 retest fail to comply, the product shall be subject to the removal of certification. After the 2nd consecutive failure, the licensee is given 7 days in which to demonstrate to the satisfaction of the Administrator compliance, and if not, certification is automatically withdrawn at the end of the 7-day period.

CHALLENGING A CERTIFIED PRODUCT (Deleted 10/1/2014)

WITHDRAWAL OF CERTIFIED PRODUCT

Any product which has been certified by SGCC®, may be voluntarily withdrawn from the Certification Program by a licensee at any time.

COSTS

WHAT DOES THE PROGRAM COST?

The licensee pays, in advance, all projected fees for future routine evaluations to SGCC® on a six-month basis. A licensee is invoiced for each certified item separately listed in the Certified Products Directory.

The certification period is from January 1 - June 30 or July 1 - December 31. The licensee's initial invoice will be determined by the payment schedule as is listed below. All subsequent invoices will be for a full certification period.

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

G.3 (ANSI ONLY) (Proposing to Delete this Guideline at November 2015 meeting)

Paragraph (1) Section 5.1.4 of ANSI Z97.1-2009 is intended to apply to laminated, wired, and organic coated glass only. Paragraph (2) is intended to apply to tempered glass only. Paragraph (3) is intended to apply to plastics only. Paragraph (4) is intended to apply to any safety glazing material. Paragraph (5) is intended to apply to plastics. Paragraph (6) is intended to apply to laminated and organic coated glass. (Revised 10/21/2005)

G. 4

For insulating glass units to be considered safety glazing material, each lite in the construction must be of safety glazing material.

G.5

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

G.6

- a) All test specimens, except prototype samples, must be marked with the correct SGCC® permanent label prior to testing in order to be considered a valid sample. It is the responsibility of the licensee to ensure the specimens being represented to the Administrator's representative are properly labeled. The Administrator shall construe the absence of a correct permanent label as a failure to comply with the specifications. In such case of noncompliance, Sections a, c, and e of G.11 shall be followed. (Revised 3/16/1990)
- b) The laboratory shall verify that the label complies with SGCC® labeling requirements. (revised 10/15/2008)
- c) The testing laboratory is to advise the Administrator of any specimen to which the correct SGCC® permanent label is not affixed. The testing laboratory will be instructed by the Administrator not to test but hold the sample.
- d) The Administrator will inform the licensee of the situation and direct (by letter) the testing laboratory to commence testing no later than 30 days hence. Although this set of samples will already be considered as noncompliant with label requirements, test specification testing will still occur for information only, unless otherwise requested not to be tested by the licensee. Until that time, the testing laboratory is instructed to make these specimens available to the licensee at their convenience (the specimens are to remain at the testing laboratory) in order that the licensee may point out or show them that in fact the SGCC® permanent label is correct or agree that in fact the correct SGCC® permanent label is not present. In cases of any dispute between the licensee and the testing laboratory the decision of the Administrator shall be final. The licensee shall not mark specimens after receipt at the testing laboratory.
- e) Effective with the first of 2011 (F11) certification period, the SGCC® permanent label must contain ANSI Z97.1-2009 in order to be considered a correct permanent label for purposes of Guideline G.6. (Revised 4/29/2010)

G.7 (ANSI ONLY)

Safety glazing materials for which certification is requested for indoor use only shall be subjected to the provisions of section 5.1 (impact tests) and 5.4 (aging tests) of ANSI Z97.1 irrespective of the composition or construction of the glazing material. Like products and materials produced in the same manner as samples submitted for test shall be legibly and permanently marked in one corner with the words "Indoor Use Only" and the SGCC® identification number.

G.8 (Deleted 4/29/2010)

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

G.10

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

- a) The licensee is permitted six weeks in which to effect delivery of said specimens to the Administrator's designated testing laboratory.
- b) Failure to act as specified above shall be construed by the Administrator as failure of said specimens to comply with the specifications and the Administrator shall act as provided for in license agreement A.6.

G.11 (Revised 10/2/2014)

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

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

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

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

G.12

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

G.13 (Deleted 5/6/1999)

G.14

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

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

The invoice procedures will be as follows:

- a) Semi-Annual SGCC® invoices will be mailed on or before April 1 and October 1 of each year. Payment is due May 1 and November 1 respectively.
- b) For all overdue invoices as of May 1 and November 1, a phone call will be made as a reminder and to ensure that the licensee received the invoice. A letter will follow the phone call.
- c) For all overdue invoices as of May 15 and November 15, an overnight letter, return receipt requested, will be sent warning of de-certification if payment is not received within 15 days.
- d) Letters of de-certification will be sent certified mail fifteen (15) days from the mailing of the overnight letter if payment is not received. With de-certification, a licensee will no longer be an SGCC® participant and its certified products will not appear in the CPD.

G.15 (Deleted 10/2/2014)

G.16

The nominal thickness designations in SGCC® authorized permanent labels for safety glazing materials may be shown in metric units. The thickness will be expressed in millimeters, limited to one decimal place, and will have the suffix "mm." (Revised 4/19/2004)

G.17

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

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, wired glass, rigid plastic, or organic coated glass, may be cut into smaller pieces by a distributor or installer after manufacture and it is not practical for each smaller piece to bear a manufacturer's permanent label when finally installed in a building. When this is the case, the distributor or installer shall apply a permanent label to each piece which states his name and certifies that he cut the piece from material that was properly labeled in accordance with the requirements of SGCC® (refer to "SGCC® Label Requirements" for additional information). (Revised 10/25/01) For the purpose of this guideline, a permanent label is defined as one that will remain permanently legible and would be destroyed in attempts to remove it from the product.

G.19 (Deleted 10/20/1989)

G.20 (Deleted 4/26/2007)

G.21

A pre-issued SGCC® certification number shall be issued by the Administrator upon receipt of a properly executed License Agreement and a properly executed bond form in the amount of \$10,000. The pre-issued SGCC® certification number, if not used by the licensee, will be terminated 12 months from the date of issue. The condition of the bond is such that if the licensee does not label any safety glazing material with the pre-issued certification number prior to formal certification then the bond shall be void.

G.22

In the case of wired glass (ANSI ONLY), plastics and organic coated glass certification of a patterned product may be extended to cover other patterns provided:

- a) The nominal thickness of the proposed alternate and all aspects other than pattern are the same as the certified product.
- b) The Administrator of the certification program is provided with a copy of a prototype test from an approved laboratory, showing satisfactory compliance with the impact requirements of ANSI Z97.1 for each alternate pattern proposed.
- c) The certification committee is provided with a 6 inch by 6 inch sample of each proposed alternate for its record and file. This must be sent to the Administrator of the certification program.

After admission under blanket certification covering patterned products, any such patterns available may be selected by the Administrator for routine sampling and testing.

In the case where a routine evaluation sample covered under a blanket certification fails to comply with the specifications, the situation requires that the particular product be submitted for the retest sample required by Guideline G.11a, and also that particular product be sampled by the Administrator for the additional sample required by Guideline G.11b.

G.23

There may be instances when a production facility is temporarily inoperative. This could be caused by, but not limited to, equipment repair or replacement, labor difficulties, energy or material shortages, or economic considerations. As a consequence, samples for routine testing may not be available for long periods. The licensee may desire to retain certification during the shutdown period. This shall be done as follows:

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

- d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)
- e) Within one week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator by certified mail, and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G. 24

When a licensee's production equipment will not produce a size of 34 inches by 76 inches and the licensee wishes to certify a) a size whose smaller dimension exceeds 34 inches, material shall be tested whose smaller dimension is 34 inches, or b) a size whose larger dimension exceeds 76 inches, material shall be tested whose larger dimension is 76 inches.

G.25 (ANSI ONLY)

Effective with the first of 2011 (F11) certification period, SGCC® shall only offer certification to ANSI Z97.1-2009. (Revised 4/29/2010)

G.26

Any label that can be removed intact shall not be considered permanent and is not acceptable to SGCC®.

G. 27

A licensee at time of prototype submission should determine if certification shall be for CPSC or ANSI, or both (Composite) OR Composite plus CAN/CGSB 12.1 (COMP+CAN). The licensee shall be issued only one SGCC® number for composite certification for each product. The licensee will submit four samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 and one specimen to be impact tested to 16 CFR 1201 (for all specimens that are not symmetrical from surface to surface a total of six impact test specimens must be submitted, four being tested to ANSI and CAN/CGSB 12.1 and two being tested to CPSC 16CFR 1201, with an equal number of specimens being impacted on each side). If any one specimen of the composite sample fails, the entire composite sample will be considered to have failed to comply with both standards. (Revised 10/10/2012)

G. 28

The Administrator shall construe noncompliance with thickness tolerance as a failure to comply with the specifications. In such cases of noncompliance, Sections a, b and c of G.11 shall be followed. (Revised 10/2/2014)

G. 29

For the purposes of certification, the thickness requirements of Standard ASTM C1036, CEN or other nationally or internationally recognized thickness specifications shall apply. In all cases label information must be accurate for the nominal thickness of the applicable Standard. An indicator shall be used to identify Standards other than ASTM C1036 (e.g., EN for European Norm). If no indicator is used, the product will be assumed to comply with ASTM C1036. (Revised 10/15/2008)

G. 30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (CPSC ONLY)

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

G.33

If a manufacturing plant for which a product is certified is sold, the new owner or licensee must take the following steps to maintain certification:

- a) Notify the Administrator in writing of the sale as soon as possible (and in no event later than 60 days) after the sale;
- b) Execute a new license agreement, if the new owner is not already a licensee; and
- c) Exercise the option of maintaining the original licensee's SGCC® number(s) or requesting new numbers. If the new owner chooses to keep the existing number(s), the logo on the certified product must clearly distinguish it from the previous owners.

The Administrator shall arrange for the next routine sampling to take place within six months of the sale. If the plant is temporarily inoperative in connection with the sale, the provisions of G.23 shall also apply.

G.34

Samples of any shape or shape altering process such as notches or holes shall be covered by the certification of the base rectangular product. Certification to "U" unlimited size may be any size. Certification to "L" limited size requires that the shape must fit within the outline of the largest certified size. (Added 4/26/2007)

TEMPERED TRANSPARENT GLASS

T.1

Certification of either flat glass or patterned glass will not cover the other except as noted in Guideline T.2. (Flat glass designates ground and polished plate, float and sheet glass.) When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/1993)

T.2

Polished plate glass and the rough glass blank from which it is produced will be considered to be of equal nominal thickness. Certification of tempered flat glass will therefore be interpreted as including tempered rough plate blank.

T.3

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

T.4

In cases where certified glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production, and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six weeks.

T.5

Certification of any nominal thickness of tempered safety float or sheet glass will also cover the other types. ANSI Z97.1, 16 CFR 1201 and CAN/CGSB 12.1 do not require the permanent label on tempered safety glass to specify which type of glass is used. Nor is it required that the test specimens be identified in this regard. (Revised 10/10/2012)

T.6

Bent Glass shall be certified separately from flat glass. Bent glass test methods shall be the same as for flat sample testing except as referenced in the text and figures of the ANSI Z97.1 standard. Interpretation of results shall be the same. (Revised 10/21/2005)

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, and grooving as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product.) (Revised 10/01/2002)

TEMPERED PATTERNED GLASS

TP. 1

For the purposes of certification, the nominal thickness of patterned, figured, or rough rolled glass are the common fractions found in ASTM C1036 or other nationally or internationally recognized thickness standards and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036 or other nationally or internationally recognized thickness standards. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 4/26/2007)

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

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

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

New or unlisted patterns must be submitted to the pattern subcommittee for classification and file prior to certification. After measurement, the new pattern will be assigned to a patterned depth class. (See table of Classified Tempered Glass Patterns in this directory).

Certification of deep also covers medium and shallow patterns of the same nominal thickness.

Certification of medium also covers shallow patterns of the same nominal thickness.

TP. 2

The maximum thickness shall be recorded when measuring the thickness of patterned glass.

TP.3

For tempered patterned glass, one specimen must be weighed and the weight of ten square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4 (Deleted 10/5/2004)

TP.5

When medium patterned glass is not available for routine sampling, the licensee submitted specimens must be a medium pattern (a shallow pattern is not acceptable).

TP.6

When deep patterned glass is not available for routine sampling, the licensee submitted specimens must be a deep pattern (shallow or medium patterns are not acceptable).

Laminated Glass

For the initial certification of Laminated Glass, testing must be performed on each nominal thickness of at least one brand of each generic category of interlayer material for which SGCC® certification is desired. Ongoing certification shall be by two thickness classes (S=Standard (<.292-inches) and H=Heavy (.292 inches and greater)) and per generic category of interlayer. A list of accepted interlayer brands per generic category shall be maintained by SGCC® (SGCC® List of Accepted Interlayers can be found at <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 4/2/2008)

L.1

Certification of clear laminated glass will also cover tinted, heat absorbing, and coated glasses, clear or tinted interlayer, and both flat and bent laminates of the same nominal thickness. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested, or as noted in guideline G.27. (Revised 10/10/2012)

L.2

In cases where certified laminated glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six weeks.

L.3 (Deleted 4/2/2008)

L.4

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

L.5

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

L .6

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

L .7

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 10/15/2008)

L.8

Laminated glass shall be certified by its base glass heat treating (A= annealed, HS= heat strengthened, T= tempered). When a laminated annealed glass (A) is tested and certified, other laminated glasses having the same nominal thickness or thicknesses of heat strengthened (HS) or tempered glass (T) and the same or greater thickness of interlayer of the same generic category will be considered to be included in the certification. Testing of heat strengthened (HS) will only certify heat strengthened (HS) and tempered (T). Testing of tempered (T) will only certify tempered (T). (Revised 9/17/2013)

L.9

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

L.10

For certification to ANSI Z97.1, weathering tests (unless for indoor use only) on laminated glasses shall be performed on the thinnest construction of all components in clear glass with clear interlayer. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. interlayer manufacturer. Since SGCC's acceptance of weathering data is a "one-time" event, no formal weathering lab approval will be required. However, at time of weathering data submittal, the weathering test facility shall submit an explanation why they are competent to perform such tests. Justification of competence shall be judged on any facility's history and experience. (Revised 1/30/2012)

L.11

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

SGCC LIST OF ACCEPTED INTERLAYER – REVISED 3/15/2015

Generic Code	Description	Generic Code	Description	<i>In order for a laminated glass product to be considered SGCC certified, the interlayer must be on this list</i>
(b)	Ply Vinyl Butral	(p)	Polyethylene Terephthalate	
(ip)	Ionoplast	(f)	Fluorinated Ethylene Propylene	
(lc)	Liquid Resin - Multi Component	(u)	Polyurethane	
(lu)	Liquid Resin - UV Cure	(ev)	Ethylene-Vinyl Acetate	
(el)	Epoxy-Liquid Crystal Polymer	<i>All weathering data is tested to ANSI Z97.1-2009</i>		

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

WIRED GLASS (ANSI ONLY)

W.1

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

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

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

PLASTICS - GENERAL (ANSI Only)

P.1

Certification of one tint or color of rigid plastic will also cover other tints, colors, flat configurations, or bent and formed configurations.

P.2

For certifying all plastics covering a range of thicknesses, prototype impact tests are required of the minimum thickness and also of the maximum thickness (except that 0.250 inch thickness would be tested if the maximum thickness exceeds 0.250 inches). Only one certification number will be issued and shall be marked upon all thicknesses. Routine evaluation samples are to be selected by the Administrator from any of the certified thicknesses.

P.3

The following thickness tolerances shall be used for certification purposes:

- Outdoor use plastic materials Categories C-1 and C-2 cast Acrylic, (including continuously cast sheet): As specified in ASTM-D4802-88, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-88 Table 2 plus or minus five percent.
- Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.
- Indoor use plastic materials plus or minus five percent of nominal thickness.

P.4

The maximum thickness shall be recorded when measuring the thickness of patterned plastics.

P.5

Certification of either smooth plastic or patterned plastic will not cover the other.

PLASTICS - EXTERIOR USE (ANSI Only)

PE. 1 (ANSI ONLY)

Sheet plastics for exterior use must comply with the applicable specification.

PE. 2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1 weathering tests (paragraph 5.3) provided that a considered expert opinion states that the infrared spectrogram indicates that

the plastic is an acrylic or UV, inhibited polycarbonate of proven weatherability. Certification shall be removed if compliance with the weathering test is not demonstrated within six months of the certification date.

PE. 3

For all plastics requiring UV weathering tests, an infrared spectrogram shall be obtained of all prototype weathering specimens. An infrared spectrogram shall be obtained of all routine evaluation samples and shall be compared with that of the prototype in lieu of conducting weathering test. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

PE.4

When initial Charpy unnotched specimens do not break, then notched specimens shall be used for both initial and exposed Charpy impact testing. The specimens shall be notched prior to UV exposure and the notched surface shall be exposed to the UV.

PLASTICS - INDOOR USE ONLY (ANSI Only)

PI.1

Sheet plastics used in indoor applications only do not have to comply with paragraph 5.3 of ANSI Z97.1 (UV Weathering), but must comply with paragraph 5.4.

PI.2

The permanent label authorized by SGCC® must include "Indoor Use Only."

PI.3

For all indoor plastics requiring aging tests, an infrared spectrogram shall be obtained of all prototype aging specimens. An infrared spectrogram shall be obtained of all routine re-evaluation samples and shall be compared with that of the prototype in lieu of conducting aging tests. The spectral scan shall be made using a minimum film thickness of 0.002 inches or its equivalent.

LEADED PATTERNED ANNEALED GLASS – (ANSI ONLY)

LG.1 (Deleted 4/26/2007)

LG.2 (Deleted 4/26/2007)

LG.3 (Deleted 4/26/2007)

ORGANIC COATED GLASS

AG.1

Thickness of the applied plastic coating shall be measured by the SGCC® standard method. When testing to the impact test criteria in 16 CFR 1201.4(a)(1), four specimens shall be tested or as noted in guideline G.27. (Revised 10/22/1993). For organic coated - hybrid, reference memorandum 940329-1.

AG .2

The SGCC® authorized permanent label, which complies with Guideline G.26, must be imprinted upon or applied to a surface of the plastic for all plastic coated annealed glasses.

AG .3 (ANSI ONLY)

Prototype test shall be conducted on bent specimens of the surface area at least 50 percent of the maximum size for which certification is desired. Routine tests may be conducted on flat or bent specimens. The test apparatus shall be modified to clamp the vertical straight edges and to support the concave side for the curved edges. Two specimens shall have organic coating on the concave surface and two on the convex surface. Impact shall be on the convex surface.

AG .4

For certification to ANSI Z97.1, weathering tests on organic coated glasses shall be performed on the thinnest construction of all components in clear glass with clear plastics. Weathering tests shall only be required initially. Weathering data will be accepted from the glass fabricator, or a supplier, i.e. organic coating manufacturer.

SGCC ADVERTISING GUIDELINES

The following concepts are important to remember if you are a participant or licensee in the SGCC Certification Program or a distributor of safety glazing materials. This discussion is intended to provide you with an accurate background description of the SGCC Certification Program to help you avoid making possibly misleading, deceptive, or ambiguous statements regarding the program in the advertising of your products.

1) SGCC is a non-profit organization that maintains a third-party certification program which provides for the certification of safety glazing materials found to be in compliance with either ANSI Z-97.1-2009 or 16 CFR 1201 or both, or both plus CAN/CGSB 12.1. Products are not certified by SGCC unless and until a test to the applicable specification(s) conducted at an approved testing laboratory indicates compliance and the license contract requirements are met. (Revised 10/10/2012)

2) Once certified by SGCC, a product is assigned an exclusive certification number to identify it and the plant at which it is made. After which, to ensure continued adherence to the specification(s), SGCC independently selects, at least twice in each year, samples from the manufacturer or from the market place to be tested to the applicable specification(s). Consequent to a test result showing compliance with the applicable specification(s), SGCC authorizes the continued use of the certification number and its listing in the SGCC's Certified Products Directory.

3) To maintain certification, SGCC also requires licensees to have a working Quality Assurance program for the fabrication of safety glazing materials. Compliance to QA requirements is validated at the first SGCC plant inspection after products are certified, and adherence is verified thereafter at each twice per year plant visit.

4) To buyers, specifiers, code officials, and users, the SGCC certification label offers the licensee assurance that its safety glazing material has been produced in conformance to ANSI Z-97.1-2009, 16 CFR 1201 and/or CAN/CGSB 12.1. (Revised 10/10/2012)

5) The SGCC Administrator audits laboratories and checks their equipment, audits licensees' production and fabrication of specimens, and validates test reports and certification claims. The Administrator periodically checks and reports on compliance of the products having the SGCC certification label with the applicable specification(s).

6) SGCC-approved laboratories test specimens to specific test methods and specifications referenced by SGCC.

7) SGCC does not have "members" insofar as the term "members" connotes that some detailed criteria must be met in order to participate in the organization. Under the SGCC by-laws, any person or organization (other than a glazing manufacturer) that has a legitimate interest in the purposes of SGCC may become a participant. Manufacturers, on the other hand, become participants by virtue of executing a License Agreement with SGCC. Any manufacturer of safety glazing may voluntarily enter into a License Agreement with SGCC, provided that they intend to certify at least one product under the SGCC Certification Program. Thus, the proper term to use for a manufacturer is "participant" or "Licensee."

8) The following are examples of possible advertising language that licensees might wish to use:

a) Our company is a licensee of the Safety Glazing Certification Council (SGCC).

b) We submit our tempered/laminated glass products for certification through the SGCC program.

c) Our tempered/laminated glass products that are certified by SGCC as meeting the SGCC certification program are listed in the SGCC's Certified Products Directory.

d) Our tempered/laminated glass products that are certified by SGCC are indicated by the SGCC logo and certification number permanently marked on our products. Added 10/26/2010

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

GENERAL

Unless the SGCC® certification label is permanently affixed to each piece of safety glazing material, it is not covered by the SGCC® certification program, and unless a specific standard (ANSI, CPSC, CAN/CGSB) is included in the label, the product is not certified to that standard. (Revised 10/10/2012)

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2009 and/or 16 CFR 1201, and/or CAN/CGSB 12.1 (and category), the nominal thickness, (see SGCC® Guideline G.29 for international thickness standards), the letter U or L indicating certified size and the ANSI impact class (A, B or C). (Revised 10/10/2012)

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

These requirements are minimum requirements for SGCC® Certification. It is the licensee's responsibility to determine if other jurisdictions, standards and codes have additional requirements such as type of glass. (Revised 10/17/2007)

For labeling purposes, a line of demarcation shall separate those specifications covered by the SGCC® number from any other specifications the licensee may wish to reference. For laminated products used in "Indoor Use Only" applications where no weathering data is on file with SGCC, The permanent label must include "Indoor Use Only." The SGCC® number can be used to identify both the "supplier" and "place of fabrication". Refer to SGCC® Guideline G.5 (Revised 10/21/2005)

The permanent label must be affixed to certified products ONLY at the time and place of manufacture (except for situations covered by Guideline G.18 and as stated below. (Revised 10/25/2001)

EXAMPLES OF LABELS CERTIFIED TO ALL THREE STANDARDS

<u>In inches</u>	<u>In mm</u>	<u>Laminated example</u>
ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)	ABC Glass – Plant A (optional)
16 CFR 1201 II	16 CFR 1201 II	16 CFR 1201 II
ANSI Z97.1-2009	ANSI Z97.1-2009	ANSI Z97.1-2009
CAN/CGSB 12.1-M90	CAN/CGSB 12.1-M90	CAN/CGSB 12.1-M90
1/4 U A SGCC 9999	6mm U A SGCC 9999	(S) U A SGCC 9999

Labeling of Cut Sheet Safety Glazing (refer to Guideline G.18)(added 10/25/2001)

When a distributor or installer wishes to include the SGCC® label on pieces of safety glazing cut from properly fabricated, labeled, and SGCC® certified product, the following shall apply:

- 1.) The designation "C/F" for "Cut From" shall appear in front of the SGCC® number.
- 2.) The distributor or installer must have written permission to do so from the primary SGCC® certified producer. This written permission should address such issues as label accountability and application, differentiation between multi-source suppliers and a time frame or scope of labeling.
- 3.) Since SGCC® shall have no formal relationship with the distributor or installer, proper application and use of the SGCC® label shall be the responsibility of the SGCC® licensee producing the product.
- 4.) If the SGCC® label is not used, SGCC® has no jurisdiction.

EXAMPLES

<u>SGCC® Licensee or Primary Producer</u>	<u>Authorized Distributor or Installer</u>
Company ABC (optional)	Company XYZ (optional)
Laminated Glass (optional)	Laminated Glass (optional)
ANSI Z97.1-2009	ANSI Z97.1-2009
16 CFR 1201 CII	16 CFR 1201 CII
SGCC 9999 6mm U A	C/F SGCC 9999 6mm U A

The permanent label must be affixed ONLY to safety glazing materials of the licensee which are certified in the SGCC® certification program.

The permanent label must not be sold, transferred, or otherwise disposed of in any manner other than being affixed to the licensee's certified product.

The permanent label must NOT be affixed to any product from which certification has been withdrawn or which is

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produced with a process basically different from the one used to manufacture the initial or prototype samples.

ANSI (ONLY)

"After having successfully passed the appropriate tests in this standard, like products and materials produced in the same manner as specimens submitted per test shall be legibly and permanently marked with a label."

Label Content.

The label shall contain the following information:

- 1) Supplier's name, distinctive mark or designation.
- 2) The words "American National Standard Z97.1-2009" or the characters "ANSI Z97.1-2009."
- 3) Classification of test size (L or U) and drop height class (A, B or C). Plastic glazing does not require drop height.
- 4) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE: Additional details and information, such as thickness and date of manufacture, are permitted.

Quoted from ANSI Z97.1. (Revised 1/1/2011)

Organic-Coated Glass Only.

"Organic-coated glass materials shall be legibly and permanently marked with the words "Glaze This Side In," to indicate to the installer, inspector, or user which side of the organic-coated glass should be exposed to the elements if there is a specific side that should be exposed." Quoted from ANSI Z97.1. (Revised 10/21/2005)

CPSC (ONLY)

"Any glazing material that for accelerated environmental durability tests meets only the requirements of 1201.4 (e)(ii)(c) entitled Plastic (indoor service) shall bear the statement 'INDOOR USE ONLY' as a part of the permanent label." Quoted from 16 CFR 1201.

"Organic-coated glass that has been tested for environmental exposure from one side only must bear a permanent label on the coating stating 'GLAZE THIS SIDE IN' and shall bear in the central 50 percent of the surface in letters at least 3" (inches) high: 'SEE PERMANENT LABEL FOR IMPORTANT MOUNTING INSTRUCTIONS.' The latter message shall be attached to either side of the glazing by any means which shall ensure the message will remain in place until installation." Quoted from 16 CFR 1201.

CPSC ACT LABELING REQUIREMENTS

The following information is provided for the guidance of the licensee and is not a requirement of the SGCC® Certification Program.

The Consumer Product Safety Act defines a private labeler and permits private labeling as long as a manufacturer is identified, which can be in code. A "private labeler" means an owner of a brand or trademark on the label of a consumer product, which bears a private label.

Pursuant CPSC Advisory Opinion, dated April 12, 1984, a label on the material or product is acceptable as a certificate of compliance meeting the requirements of the CPSC if the label contains the same information required of a certificate of compliance. This information must include the date of manufacture, the place of manufacture, and the name of the manufacturer, importer, or private labeler. The certificate of compliance may also be a separate document, which accompanies the material or product or is otherwise furnished to each distributor or retailer.

With respect to the CPSC requirement that the certificate of compliance name the manufacturer, a label meets that requirement if it includes a suitable identification of the manufacturer of the product (unless the product bears a private label), in which case it shall identify the private labeler and shall also contain a code mark which shall permit the seller of such product to identify the manufacturer thereof to the purchaser upon his request.

As set forth in SGCC® certification guideline G.5, the SGCC® number designates the name of the licensee and also the location of the manufacturing plant, however, it does not designate the date of manufacture.

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

S (Shallow)

M (Medium)

D (Deep)

X (Pattern available but pattern depth not yet classified.)

***Indicates EN Standard Thickness Tolerance**

Pattern Name	Manufacturer	1/8"	5/32"	3/16"		7/32"	1/4"		5/16"	3/8"	1/2"
		3 mm	4 mm	5 mm	0.21	5.5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
Abstracto	Saint Gobain		D								
Altdeutsch F	Saint Gobain		S								
Altdeutsch K	Saint Gobain		S								
Antique	Saint Gobain		S								
Aqua	AGC	S	S	S			S				
Aquatex	AGC	S	S	S	S	S	S				
Aqui	AGC	S	S	S			S			S	
Arctic*	Pilkington		D								
Arena C/SR Arena	Saint Gobain	S	S				S				
Austral*	Pilkington		M								
Autumn*	Pilkington		M				X				
Autumn	Saint Gobain						S				
Bamboo	AGC			D							
Bamboo	Guardian									S	
Bubble	Guardian	S	S	S		S	S			S	
Cascade	AGC				S	S					
Cast	Saint Gobain									S	
Chantilly*	Pilkington		S								
Charcoal Sticks*	Pilkington		S								
Chinchilla	AGC			S	S	S					
Citrus	AGC	S	S	S							
Contora*	Pilkington		S								
Cotswold*	Pilkington		M				X				
Cross Reeded	AGC		D				M				
Delta	AGC		D				M				
Digital*	Pilkington										
Esto	Guardian						M			M	M
Estrado/SR Estr	Saint Gobain		M				M				
Etre	Guardian		S				S			S	S
Everglade*	Pilkington		M				X				
Flax	AGC	M	M, S	S	S	S					
Flemish*	Pilkington		S				M				
Floralite	Guardian		M								
Florex	AGC	M	M								
Florielle*	Pilkington		S								
Flutes	AGC			D			D				
Flutex	AGC			D						M	
Glacier	AGC	M	M	D			D			M	
Gluechip	Guardian	M	M	M		M	M				
Ground Glass	AGC	S	S	S			S				
Hammered	AGC	S	S	S			S				
Illusions	AGC	S	S	S			S				
Ima	Guardian						M			M	M
Industrex	AGC	S	S	S	S	S	S				
Kathedral Klein	AGC	S	S	S			S				
Kathedral Max	Saint Gobain		S	S				S			
Kathedral Min	Saint Gobain		S								
Konfeta	AGC		M								
Krystal Flutes	AGC			D							
Krystal Illusions	AGC	S	S	S			S				
Krystal Industrex	AGC	S	S	S			S			S	
Krystal Serenity	AGC	S	S	S			S				
Krystal Storm	AGC		S	S			S			S	
Laliva weiss	Saint Gobain		S								
Leaf	AGC	M									
Listral A	Saint Gobain		S								
Listral D	Saint Gobain		M								
Listral F	Saint Gobain		M								

Pattern Name	Manufacturer	1/8"	5/32"	3/16"		7/32"	1/4"		5/16"	3/8"	1/2"
		3 mm	4 mm	5 mm	0.21	5.5 mm	6 mm	7 mm	8 mm	10 mm	12 mm
Listral K	Saint Gobain		S								
Listral M	Saint Gobain		D								
Lozenge	Pilkington			D							
Madera	Saint Gobain		D								
Maris	Saint Gobain		M								
Master-Carre	Saint Gobain		M								
Master-Carre	Saint Gobain		M				M		M	M	
Master-Lens w	Saint Gobain		D				D		D		
Master-Ligne	Saint Gobain		M				M		M		
Master-Point	Saint Gobain		M				M		M		
Master-Ray	Saint Gobain		D				D		D		
Master-Shine	Saint Gobain		M				M		M	M	
Mayflower*	Pilkington		S								
Minster*	Pilkington		S								
Monumental M	Saint Gobain		D								
Monumental S	Saint Gobain		M								
Morisco*	Pilkington		M								
Niagara	Guardian	M	M	M		M	M			M	M
Oak*	Pilkington		S								
Optica	Saint Gobain		M								
P-516	Guardian	S	S	S	S	S	S			S	S
Pattern 62	AGC	S	S	S	S	S					
Pattern 73	AGC	M	M								
Pebbles	AGC		M				M				
Pelerine*	Pilkington		S								
Pixels	AGC		M								
Rain	AGC	M	M	M			S			S	
Rattan*	Pilkington	M									
Rayado*	Pilkington			S							
Reed	Saint Gobain						M				
Reeded*	Pilkington		D				M				
Sahara	Saint Gobain		S								
Seashell	AGC			M		M					
Serenity	AGC	S	S	S			S				
Silvit	Saint Gobain		D						D	D	
Skytex	AGC				S						
Solatex	AGC	S	S	S							
Solite	AGC	S	S	S							
Sparkel*	Pilkington		D								
Spotlyte	Saint Gobain		D								
Spraylite	Guardian	S	S	S	S	S	S			S	
SR Listral L	Saint Gobain								S	S	
Stippolite*	Pilkington		S				X			X	
Storm	AGC		S	S			S			S	
Sunadex	AGC			S							
Sycamore*	Pilkington		S				X				
Taffeta*	Pilkington		S								
Tetra	Guardian		M								
Textured Flutex	AGC			D						M	
Thela	Saint Gobain		S				S	S			
Velvex	AGC	S	S	S	S	S					
Vison	Saint Gobain		S				S		S		
Warwick*	Pilkington		S								
Waterdrop	Saint Gobain		M								
Wired 1/2"	Saint Gobain						S				
Wired 1/2"	Saint Gobain							S			
Wired Abstract	Saint Gobain							M			
Wired Listral	Saint Gobain						S				
Wired Waterdrop	Saint Gobain							M			
Yacare*	Pilkington		M								
Zefiro Weiss	Saint Gobain		M								

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Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
12	Virginia Glass Products Corp.	1332	SCHOTT Gemtron - Sweetwater	1790	Trulite Glass and Aluminum Solutions
14	Virginia Glass Products Corp.	1334	SCHOTT Gemtron - Sweetwater	1803	Guardian Industries Corp.
89	AGC Flat Glass North America	1403	Viracon Inc.	1804	Cardinal TG
90	AGC Flat Glass North America	1404	Viracon Inc.	1805	Cardinal TG
93	Virginia Glass Products Corp.	1416	Nashville Tempered Glass Corp.	1806	Cardinal TG
94	Virginia Glass Products Corp.	1417	Nashville Tempered Glass Corp.	1807	Cardinal TG
95	Virginia Glass Products Corp.	1422	SCHOTT Gemtron - Sweetwater	1826	Guardian Industries Corp.
131	Guardian Industries Corp.	1424	SCHOTT Gemtron - Sweetwater	1827	Cardinal IG
220	AGC Flat Glass North America	1467	Nashville Tempered Glass Corp.	1828	Cardinal IG
249	PPG Inds. Inc.	1477	SCHOTT Gemtron - Sweetwater	1829	Cardinal IG
250	PPG Inds. Inc.	1508	Viracon Inc.	1830	Cardinal IG
300	Guardian Fabrication Inc.	1509	Viracon Inc.	1831	Cardinal IG
382	PPG Inds. Inc.	1546	Oldcastle BuildingEnvelope®	1832	Cardinal IG
471	Guardian Fabrication Inc.	1547	Oldcastle BuildingEnvelope®	1833	Cardinal IG
514	Oldcastle BuildingEnvelope®	1548	Oldcastle BuildingEnvelope®	1834	Cardinal IG
515	Oldcastle BuildingEnvelope®	1549	Oldcastle BuildingEnvelope®	1841	Cardinal IG
516	Oldcastle BuildingEnvelope®	1550	Oldcastle BuildingEnvelope®	1842	Cardinal IG
520	Anthony International	1551	Oldcastle BuildingEnvelope®	1843	Cardinal IG
587	AGC Flat Glass North America	1555	Swift Glass Co., Inc.	1844	Cardinal IG
598	AGC Flat Glass North America	1556	Swift Glass Co., Inc.	1845	Cardinal IG
630	Oldcastle BuildingEnvelope®	1557	Swift Glass Co., Inc.	1846	Cardinal IG
631	Guardian Industries Corp.	1558	Swift Glass Co., Inc.	1864	Saint-Gobain SOVIS
662	Guardian Fabrication Inc.	1559	Swift Glass Co., Inc.	1865	Guardian Industries Corp.
675	PPG Inds. Inc.	1575	Custom Glass Solutions Millbury Corp.	1871	Solar Seal Massachusetts
862	Trulite Glass and Aluminum Solutions			1882	Guardian Industries Corp.
863	Trulite Glass and Aluminum Solutions	1576	Custom Glass Solutions Millbury Corp.	1889	Commercial Insulating Glass Co.
865	Trulite Glass and Aluminum Solutions			1890	Commercial Insulating Glass Co.
866	Trulite Glass and Aluminum Solutions	1577	Custom Glass Solutions Millbury Corp.	1891	Commercial Insulating Glass Co.
933	Guardian Industries Corp.	1607	Guardian Fabrication Inc.	1901	EFCO Corporation
934	Guardian Industries Corp.	1608	Oldcastle BuildingEnvelope®	1902	EFCO Corporation
935	Oldcastle BuildingEnvelope®	1609	Oldcastle BuildingEnvelope®	1910	Coral Industries Glass Division
955	AGC Flat Glass North America	1630	Guardian Industries Corp.	1911	Coral Industries Glass Division
968	Guardian Industries Corp.	1631	Guardian Industries Corp.	1921	Cardinal CG
969	Guardian Industries Corp.	1632	Guardian Industries Corp.	1922	Cardinal CG
970	Guardian Industries Corp.	1633	Guardian Industries Corp.	1923	Cardinal CG
971	Guardian Industries Corp.	1634	Guardian Industries Corp.	1924	Cardinal CG
999	Anthony International	1635	Guardian Industries Corp.	1939	Solar Seal Massachusetts
1000	Anthony International	1637	Viracon Inc.	1964	Coral Industries Glass Division
1035	Solar Seal Massachusetts	1677	Contour Industries, Inc.	1979	Kohler Company
1036	Solar Seal Massachusetts	1678	Contour Industries, Inc.	1980	Kohler Company
1037	Solar Seal Massachusetts	1680	Contour Industries, Inc.	1981	Kohler Company
1110	PPG Inds., Inc.	1683	Guardian Industries Corp.	1982	Kohler Company
1111	PPG Inds., Inc.	1702	AGC Flat Glass North America	1983	Kohler Company
1112	PPG Inds., Inc.	1703	AGC Flat Glass North America	1984	Kohler Company
1113	PPG Inds., Inc.	1704	AGC Flat Glass North America	1985	Cardinal CG
1139	AGC Flat Glass North America	1705	AGC Flat Glass North America	1986	Cardinal CG
1201	SCHOTT Gemtron - Sweetwater	1754	All Team Glass & Mirror, Ltd.	1987	Cardinal CG
1216	Guardian Fabrication Inc.	1755	All Team Glass & Mirror, Ltd.	1988	Cardinal CG
1235	Guardian Fabrication Inc.	1756	All Team Glass & Mirror, Ltd.	1991	Berkowitz, J.E.
1248	Guardian Industries Corp.	1757	All Team Glass & Mirror, Ltd.	1992	Saint-Gobain SOVIS
1249	Guardian Industries Corp.	1758	All Team Glass & Mirror, Ltd.	1993	Tecnoglass S.A.
1250	Guardian Industries Corp.	1784	Trulite Glass and Aluminum Solutions	1994	Tecnoglass S.A.
1251	Guardian Industries Corp.	1785	Trulite Glass and Aluminum Solutions	1995	Tecnoglass S.A.
1253	Guardian Industries Corp.	1786	Trulite Glass and Aluminum Solutions	1996	Oldcastle BuildingEnvelope®
1301	Guardian Industries Corp.	1787	Trulite Glass and Aluminum Solutions	1997	Oldcastle BuildingEnvelope®
1303	Guardian Industries Corp.	1788	Trulite Glass and Aluminum Solutions	1998	Consolidated Glass Corp.
1304	Guardian Industries Corp.			1999	Consolidated Glass Corp.

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SGCC No.		SGCC No.		SGCC No.	
2002	Consolidated Glass Corp.	2210	Oldcastle BuildingEnvelope®	2389	PGT Industries
2003	Consolidated Glass Corp.	2211	Oldcastle BuildingEnvelope®	2390	PGT Industries
2004	Consolidated Glass Corp.	2212	Oldcastle BuildingEnvelope®	2391	PGT Industries
2005	Consolidated Glass Corp.	2213	Oldcastle BuildingEnvelope®	2397	Cardinal IG
2007	Cardinal CG	2214	Oldcastle BuildingEnvelope®	2399	Cardinal IG
2008	Cardinal CG	2215	Oldcastle BuildingEnvelope®	2417	Nashville Tempered Glass Corp.
2009	Cardinal CG	2216	Oldcastle BuildingEnvelope®	2420	Nashville Tempered Glass Corp.
2010	Cardinal CG	2226	GGI Glass Distributors Corp.	2423	Vetreria Valentini S.R.L.
2011	Cardinal CG	2227	GGI Glass Distributors Corp.	2426	PGT Industries
2012	Cardinal CG	2228	GGI Glass Distributors Corp.	2432	Changshu Zhongxin Bldg. Mat. Co.
2013	Cardinal CG	2231	Cardinal IG	2434	Kohler Company
2015	Prelco Inc.	2232	Cardinal IG	2444	Goldray Industries Ltd.
2020	Guardian Industries Corp.	2233	Cardinal IG	2445	Goldray Industries Ltd.
2021	Guardian Industries Corp.	2234	Cardinal IG	2446	Goldray Industries Ltd.
2022	Guardian Industries Corp.	2235	Cardinal IG	2447	Goldray Industries Ltd.
2023	Guardian Industries Corp.	2248	Saint-Gobain SOVIS	2448	Goldray Industries Ltd.
2024	Guardian Industries Corp.	2259	Guardian Industries Corp.	2449	Goldray Industries Ltd.
2032	Cameron Glass, Inc.	2260	Guardian Industries Corp.	2451	Guardian Fabrication Inc.
2033	Cameron Glass, Inc.	2261	Guardian Industries Corp.	2453	Anthony International
2034	Prelco Inc.	2262	Guardian Industries Corp.	2455	Cameron Glass, Inc.
2035	Prelco Inc.	2282	GGI Glass Distributors Corp.	2458	Guardian Industries Corp.
2048	Prelco Inc.	2285	Cardinal IG	2459	Guardian Industries Corp.
2050	Intigral	2286	Cardinal IG	2460	Guardian Industries Corp.
2051	Intigral	2287	Tecnoglass S.A.	2462	Cardinal LG
2052	Intigral	2289	Anthony International	2467	United Plate Glass Co., Inc.
2055	Intigral	2293	Cardinal CG	2468	United Plate Glass Co., Inc.
2056	Patio Enclosures	2294	Cardinal CG	2469	United Plate Glass Co., Inc.
2057	Patio Enclosures	2295	Cardinal CG	2470	United Plate Glass Co., Inc.
2062	Oldcastle BuildingEnvelope®	2296	Cardinal CG	2471	United Plate Glass Co., Inc.
2063	Oldcastle BuildingEnvelope®	2305	Anthony International	2481	SAAND Toronto
2067	Cardinal CG	2306	Anthony International	2482	SAAND Toronto
2068	Cardinal CG	2307	Anthony International	2484	SAAND Toronto
2069	Cardinal CG	2310	Viracon Inc.	2488	Kawneer - (Cranberry) a division of Alcoa
2070	Cardinal CG	2311	Viracon Inc.	2489	Kawneer - (Cranberry) a division of Alcoa
2071	Cardinal CG	2314	Viracon Inc.	2490	Kawneer - (Cranberry) a division of Alcoa
2074	Oldcastle BuildingEnvelope®	2317	Cardinal IG	2494	Nashville Tempered Glass Corp.
2133	Tecnoglass S.A.	2318	Cardinal IG	2497	Nashville Tempered Glass Corp.
2134	Tecnoglass S.A.	2319	Cardinal IG	2498	Multiver
2135	Tecnoglass S.A.	2320	Cardinal IG	2499	Multiver
2143	EFCO Corporation	2321	Cardinal IG	2501	Cameron Glass, Inc.
2144	Coral Industries Glass Division	2322	Cardinal IG	2507	AGC Glass Company North America Building Products Fabrication
2145	Coral Industries Glass Division	2323	Cardinal IG	2509	AGC Glass Company North America Building Products Fabrication
2146	Cardinal CG	2328	Cardinal IG	2510	AGC Glass Company North America Building Products Fabrication
2176	Cardinal IG	2329	Cardinal IG	2519	Guardian Industries Corp.
2177	Cardinal IG	2330	Cardinal IG	2543	Oldcastle BuildingEnvelope®
2178	Cardinal IG	2331	Cardinal IG	2544	Oldcastle BuildingEnvelope®
2179	Cardinal IG	2352	Anthony International	2545	Guardian Industries Corp.
2182	Virginia Glass Products Corp.	2353	Anthony International	2547	Techni-Glass, Inc.
2185	Glaz-Tech Industries	2354	Consolidated Glass Corp.	2548	Techni-Glass, Inc.
2186	Glaz-Tech Industries	2355	Consolidated Glass Corp.	2549	Techni-Glass, Inc.
2187	Glaz-Tech Industries	2357	Cardinal CG	2550	Techni-Glass, Inc.
2189	Glaz-Tech Industries	2358	Cardinal CG	2569	Bendheim Wall Systems
2190	Glaz-Tech Industries	2359	Cardinal CG		
2193	Glaz-Tech Industries	2360	Cardinal CG		
2203	Cardinal IG	2365	Tecnoglass S.A.		
2204	Cardinal IG	2381	Prelco Inc.		
2205	Cardinal IG	2382	Guardian Industries Corp.		

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SGCC No.		SGCC No.		SGCC No.	
2570	Bendheim Wall Systems	2731	Glass Dynamics, Inc.	2954	Cardinal CG
2572	Intex Glass (Xiamen) Co., Ltd.	2732	Glass Dynamics, Inc.	2955	Cardinal CG
2573	Intex Glass (Xiamen) Co., Ltd.	2733	Glass Dynamics, Inc.	2956	Cardinal CG
2574	Intex Glass (Xiamen) Co., Ltd.	2734	Glass Dynamics, Inc.	2957	Syracuse Glass Co., Inc.
2575	Intex Glass (Xiamen) Co., Ltd.	2748	Kawneer - (Cranberry) a division of Alcoa	2958	Syracuse Glass Co., Inc.
2576	Intex Glass (Xiamen) Co., Ltd.			2959	Trulite Glass and Aluminum Solutions
2577	Intex Glass (Xiamen) Co., Ltd.	2751	Prelco Inc.	2960	Trulite Glass and Aluminum Solutions
2578	Amsco Windows	2769	Saint-Gobain SOVIS	2961	SIGCO, Inc.
2580	Amsco Windows	2779	Shanghai SYP Building Glass	2962	SIGCO, Inc.
2581	Amsco Windows	2780	Shanghai SYP Building Glass	2963	SIGCO, Inc.
2582	Amsco Windows	2787	Trulite Glass and Aluminum Solutions	2964	SIGCO, Inc.
2584	Amsco Windows	2788	Trulite Glass and Aluminum Solutions	2965	SIGCO, Inc.
2589	Engineered Glass Products, L.L.C.	2789	Trulite Glass and Aluminum Solutions	2966	SIGCO, Inc.
2590	Engineered Glass Products, L.L.C.	2790	All Team Glass & Mirror, Ltd.	2967	SIGCO, Inc.
2603	Guardian Fabrication Inc.	2831	Cardinal IG	2968	Quaker Window Products, Inc.
2629	Multiver	2833	Cardinal IG	2969	Quaker Window Products, Inc.
2644	Coral Industries Glass Division	2834	Cardinal IG	2970	Quaker Window Products, Inc.
2646	Berkowitz, J.E.	2840	Trulite Glass and Aluminum Solutions	2975	Techni-Glass, Inc.
2647	Berkowitz, J.E.	2842	Milgard Tempering	2976	Cardinal LG
2649	Guardian Industries Corp.	2850	Eckelt Glas GmbH	2980	AGC Flat Glass North America
2654	Syracuse Glass Co., Inc.	2851	Eckelt Glas GmbH	2981	Quality Glass & Mirror, Inc.
2656	Syracuse Glass Co., Inc.	2852	Eckelt Glas GmbH	2982	Quality Glass & Mirror, Inc.
2657	Syracuse Glass Co., Inc.	2853	Eckelt Glas GmbH	2983	Quality Glass & Mirror, Inc.
2661	Downey Glass Industries, LLC	2854	Eckelt Glas GmbH	2984	Quality Glass & Mirror, Inc.
2662	Downey Glass Industries, LLC	2855	Eckelt Glas GmbH	2985	Quaker Window Products, Inc.
2663	Downey Glass Industries, LLC	2857	Cardinal IG	2986	Quaker Window Products, Inc.
2664	Downey Glass Industries, LLC	2858	Cardinal IG	2987	Changshu Hard Glass Co., Ltd.
2665	Downey Glass Industries, LLC	2859	Cardinal IG	2988	Changshu Hard Glass Co., Ltd.
2666	AGC Glass Company North America Building Products Fabrication	2878	Cardinal CG	3001	Solar Seal Massachusetts
2678	Kawneer - (Cranberry) a division of Alcoa	2879	Cardinal CG	3002	Guardian Industries Corp.
2684	Paragon Tempered Glass	2880	Cardinal CG	3003	Guardian Industries Corp.
2685	Paragon Tempered Glass	2881	Cardinal CG	3015	Patio Enclosures
2686	Paragon Tempered Glass	2884	Oldcastle BuildingEnvelope®	3017	Dlubak Corporation
2687	Paragon Tempered Glass	2885	Oldcastle BuildingEnvelope®	3018	Dlubak Corporation
2688	Paragon Tempered Glass	2887	Simonton Windows	3019	Dlubak Corporation
2691	Nashville Tempered Glass LLC	2888	Simonton Windows	3023	SAAND Toronto
2692	Nashville Tempered Glass LLC	2889	TianJin Dong Sung Home Building Materials Co. Ltd.	3024	Guardian Fabrication Inc.
2693	Nashville Tempered Glass LLC	2890	TianJin Dong Sung Home Building Materials Co. Ltd.	3025	Intex Glass (Xiamen) Co., Ltd.
2694	Nashville Tempered Glass LLC	2894	Tecnoglass S.A.	3027	Anthony International
2698	Engineered Glass Products, L.L.C.	2898	Vetreria Valentini S.R.L.	3028	SIGCO, Inc.
2699	Cardinal CG	2904	Changshu Hard Glass Co., Ltd.	3039	American Shower Door
2700	Cardinal CG	2909	Cardinal FG	3040	American Shower Door
2701	Cardinal CG	2910	Cardinal FG	3041	American Shower Door
2702	Cardinal CG	2911	Cardinal FG	3042	American Shower Door
2705	Cardinal CG	2912	Cardinal FG	3043	American Shower Door
2713	Prelco Inc.	2918	Kohler Company	3053	Xinyi Group (Glass) Co., Ltd.
2715	Kawneer - (Cranberry) a division of Alcoa	2919	Cardinal IG	3054	Xinyi Group (Glass) Co., Ltd.
2716	Kawneer - (Cranberry) a division of Alcoa	2920	Cardinal IG	3055	Xinyi Group (Glass) Co., Ltd.
2719	Kawneer - (Cranberry) a division of Alcoa	2921	Cardinal IG	3056	Xinyi Group (Glass) Co., Ltd.
2728	Glass Dynamics, Inc.	2922	Cardinal IG	3060	Techni-Glass, Inc.
2729	Glass Dynamics, Inc.	2923	Cardinal IG	3061	Techni-Glass, Inc.
2730	Glass Dynamics, Inc.	2924	Cardinal IG	3062	Techni-Glass, Inc.
		2928	GGI Glass Distributors Corp.	3067	SCHOTT Gemtron (Canada) Corporation
		2944	Coral Industries Glass Division	3068	Cardinal IG
		2945	Coral Industries Glass Division	3069	Cardinal IG
				3070	Cardinal IG

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SGCC No.		SGCC No.		SGCC No.	
3290	Oldcastle BuildingEnvelope®	3446	Oldcastle BuildingEnvelope®	3548	PFG Glass
3291	Oldcastle BuildingEnvelope®	3447	Oldcastle BuildingEnvelope®	3549	PFG Glass
3292	Oldcastle BuildingEnvelope®	3448	Oldcastle BuildingEnvelope®	3554	Trulite Glass and Aluminum Solutions
3293	Oldcastle BuildingEnvelope®	3453	Glass Design of Miami, Inc.	3555	Cardinal CG
3294	Oldcastle BuildingEnvelope®	3454	Glass Design of Miami, Inc.	3556	Al Abbar Architectural Glass
3295	Oldcastle BuildingEnvelope®	3455	Cardinal TG	3557	Al Abbar Architectural Glass
3296	Oldcastle BuildingEnvelope®	3456	Cardinal TG	3558	Al Abbar Architectural Glass
3297	Oldcastle BuildingEnvelope®	3458	Cardinal TG	3560	Al Abbar Architectural Glass
3310	Oldcastle BuildingEnvelope®	3459	Cardinal TG	3561	Oldcastle BuildingEnvelope®
3311	Oldcastle BuildingEnvelope®	3460	TianJin Dong Sung Home Building Materials Co. Ltd.	3577	PPG Inds., Inc.
3312	Oldcastle BuildingEnvelope®			3578	PPG Inds., Inc.
3313	Oldcastle BuildingEnvelope®	3461	Trulite Glass and Aluminum Solutions	3579	Cardinal CG
3314	Oldcastle BuildingEnvelope®	3462	Oldcastle BuildingEnvelope®	3580	Cardinal CG
3315	Oldcastle BuildingEnvelope®	3464	Contractors Wardrobe	3581	Cardinal CG
3317	Oldcastle BuildingEnvelope®	3465	Contractors Wardrobe	3583	Arlene Stained Glass & Door
3318	Oldcastle BuildingEnvelope®	3466	Contractors Wardrobe	3584	Arlene Stained Glass & Door
3319	Oldcastle BuildingEnvelope®	3467	Contractors Wardrobe	3585	Arlene Stained Glass & Door
3320	Oldcastle BuildingEnvelope®	3468	Contractors Wardrobe	3599	Cardinal CG
3321	Oldcastle BuildingEnvelope®	3469	Contractors Wardrobe	3601	Cardinal CG
3326	Trulite Glass and Aluminum Solutions	3470	Contractors Wardrobe	3603	Trulite Glass and Aluminum Solutions
3327	Trulite Glass and Aluminum Solutions	3472	Contractors Wardrobe	3604	Guardian Fabrication Inc.
3329	Oldcastle BuildingEnvelope®	3473	Contractors Wardrobe	3607	Glass Design of Miami, Inc.
3330	Oldcastle BuildingEnvelope®	3474	Contractors Wardrobe	3619	Cardinal IG
3331	Oldcastle BuildingEnvelope®	3475	Contractors Wardrobe	3631	Intigral
3332	Oldcastle BuildingEnvelope®	3476	Contractors Wardrobe	3635	Consolidated Glass Corp.
3333	Oldcastle BuildingEnvelope®	3477	Contractors Wardrobe	3636	SCHOTT Gemtron (Canada) Corporation
3334	Oldcastle BuildingEnvelope®	3482	PGT Industries		
3335	Oldcastle BuildingEnvelope®	3485	Quaker Window Products, Inc.	3637	SCHOTT Gemtron (Canada) Corporation
3336	Oldcastle BuildingEnvelope®	3486	Quaker Window Products, Inc.		
3337	Oldcastle BuildingEnvelope®	3487	Downey Glass Industries, LLC	3645	Trulite Glass and Aluminum Solutions
3338	Oldcastle BuildingEnvelope®	3489	Xinyi Group (Glass) Co., Ltd.	3646	Trulite Glass and Aluminum Solutions
3339	Oldcastle BuildingEnvelope®	3492	Oldcastle BuildingEnvelope®	3647	Trulite Glass and Aluminum Solutions
3340	Oldcastle BuildingEnvelope®	3495	Trulite Glass and Aluminum Solutions	3649	Northwest Glass, Inc.
3392	Oldcastle BuildingEnvelope®	3496	Oldcastle BuildingEnvelope®	3650	Northwest Glass, Inc.
3405	Viwinco, Inc.	3497	Oldcastle BuildingEnvelope®	3651	Northwest Glass, Inc.
3406	Viwinco, Inc.	3498	Oldcastle BuildingEnvelope®	3652	Northwest Glass, Inc.
3407	Trulite Glass and Aluminum Solutions	3499	Oldcastle BuildingEnvelope®	3653	Northwest Glass, Inc.
3408	Viwinco, Inc.	3500	Oldcastle BuildingEnvelope®	3655	Northwest Glass, Inc.
3418	Industrial Tempering Glass	3501	Oldcastle BuildingEnvelope®	3656	All Team Glass & Mirror, Ltd.
3419	Industrial Tempering Glass	3502	Oldcastle BuildingEnvelope®	3659	SCHOTT Gemtron (Canada) Corporation
3420	Coral Industries Glass Division	3503	Oldcastle BuildingEnvelope®		
3421	AGC Glass Company North America Building Products Fabrication	3505	Cardinal LG	3661	Galaxy Glass & Stone
3425	Oldcastle BuildingEnvelope®	3506	Cardinal LG	3672	Guardian Industries Corp.
3426	Oldcastle BuildingEnvelope®	3507	Cardinal LG	3673	Guardian Industries Corp.
3427	Oldcastle BuildingEnvelope®	3508	Cardinal LG	3689	Viracon Inc.
3428	Oldcastle BuildingEnvelope®	3509	Cardinal LG	3690	QinHuangDao Tianrui Tempered Technology Glass Co.
3430	Trulite Glass and Aluminum Solutions	3510	Cardinal LG		
3431	TianJin Dong Sung Home Building Materials Co. Ltd.	3532	Kohler Company	3698	AGC Glass Company North America Building Products Fabrication
3439	Oldcastle BuildingEnvelope®	3536	Trulite Glass and Aluminum Solutions	3701	Dallas Flat Glass
3440	Oldcastle BuildingEnvelope®	3538	PFG Glass	3711	PFG Glass
3441	Oldcastle BuildingEnvelope®	3539	PFG Glass	3714	Insulite Glass Co., Inc.
3442	Oldcastle BuildingEnvelope®	3540	PFG Glass	3715	Insulite Glass Co., Inc.
3443	Oldcastle BuildingEnvelope®	3541	PFG Glass	3716	Insulite Glass Co., Inc.
3444	Oldcastle BuildingEnvelope®	3542	PFG Glass	3717	Insulite Glass Co., Inc.
3445	Oldcastle BuildingEnvelope®	3543	PFG Glass	3718	Insulite Glass Co., Inc.
		3544	PFG Glass	3720	Insulite Glass Co., Inc.
		3547	PFG Glass		

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SGCC No.		SGCC No.		SGCC No.	
3729	Oldcastle BuildingEnvelope®	3868	Denver Glass Interiors, Inc.	3947	Guangdong Golden Glass Technologies
3730	Qinhuangdao Kunping Safety Glass Co. Ltd.	3871	Cardinal Tempering	3948	United Plate Glass Company of Charlotte
3736	Yao Xiang Glass Product Co. Ltd.	3872	Cardinal Tempering	3949	United Plate Glass Company of Charlotte
3737	Yao Xiang Glass Product Co. Ltd.	3873	Cardinal Tempering	3950	United Plate Glass Company of Charlotte
3738	Yao Xiang Glass Product Co. Ltd.	3874	Cardinal Tempering	3951	United Plate Glass Company of Charlotte
3739	Yao Xiang Glass Product Co. Ltd.	3875	Cardinal Tempering	3952	United Plate Glass Company of Charlotte
3740	Yao Xiang Glass Product Co. Ltd.	3880	PGT Industries	3954	United Plate Glass Company of Charlotte
3741	Yao Xiang Glass Product Co. Ltd.	3881	PGT Industries	3955	United Plate Glass Company of Charlotte
3742	Yao Xiang Glass Product Co. Ltd.	3886	Taiwan Glass Industry Corp.	3957	JYC Glass Co. Ltd.
3743	Yao Xiang Glass Product Co. Ltd.	3887	Taiwan Glass Industry Corp.	3958	JYC Glass Co. Ltd.
3745	Ready Glass & Mirror, Inc.	3888	Taiwan Glass Industry Corp.	3959	JYC Glass Co. Ltd.
3746	Ready Glass & Mirror, Inc.	3889	Taiwan Glass Industry Corp.	3960	JYC Glass Co. Ltd.
3747	Ready Glass & Mirror, Inc.	3890	Taiwan Glass Industry Corp.	3961	JYC Glass Co. Ltd.
3748	Ready Glass & Mirror, Inc.	3891	Taiwan Glass Industry Corp.	3962	JYC Glass Co. Ltd.
3750	Berkowitz, J.E.	3893	Taiwan Glass Industry Corp.	3963	JYC Glass Co. Ltd.
3787	Tai Shan City Da Heng Art Glass Ltd.	3905	PT Abebersa Pratama	3970	GGI Glass Distributors Corp.
3788	Tai Shan City Da Heng Art Glass Ltd.	3906	PT Abebersa Pratama	3971	GGI Glass Distributors Corp.
3789	Tai Shan City Da Heng Art Glass Ltd.	3907	Oldcastle BuildingEnvelope®	3972	GGI Glass Distributors Corp.
3793	Oldcastle BuildingEnvelope®	3912	Dillmeier Enterprise, Inc.	3973	GGI Glass Distributors Corp.
3796	Oldcastle BuildingEnvelope®	3913	Dillmeier Enterprise, Inc.	3974	GGI Glass Distributors Corp.
3805	Quality Glass & Mirror, Inc.	3914	Dillmeier Enterprise, Inc.	3976	Al Abbar Architectural Glass
3806	Commercial Insulating Glass Co.	3915	Dillmeier Enterprise, Inc.	3977	Al Abbar Architectural Glass
3807	Commercial Insulating Glass Co.	3916	Dillmeier Enterprise, Inc.	3978	SAAND London
3808	Commercial Insulating Glass Co.	3917	Dillmeier Enterprise, Inc.	3979	SAAND London
3810	Basco Engineered Products	3918	Pennsylvania Insulating Glass	3980	SAAND London
3811	Basco Engineered Products	3919	Pennsylvania Insulating Glass	3981	SAAND London
3812	Basco Engineered Products	3925	Trulite Glass and Aluminum Solutions	3991	JYC Glass Co. Ltd.
3817	Coral Industries Glass Division	3927	Trulite Glass and Aluminum Solutions	3992	JYC Glass Co. Ltd.
3818	Trulite Glass and Aluminum Solutions	3928	Trulite Glass and Aluminum Solutions	3993	JYC Glass Co. Ltd.
3819	Trulite Glass and Aluminum Solutions	3931	Trulite Glass and Aluminum Solutions	3994	JYC Glass Co. Ltd.
3820	Trulite Glass and Aluminum Solutions	3932	Dongguan CSG Architectural Glass Co., Ltd.	3999	Oldcastle BuildingEnvelope®
3822	Flat Glass Distributors	3933	Dongguan CSG Architectural Glass Co., Ltd.	4001	Oldcastle BuildingEnvelope®
3823	Flat Glass Distributors	3934	Dongguan CSG Architectural Glass Co., Ltd.	4002	Custom Glass Products Inc.
3824	Flat Glass Distributors	3935	Dongguan CSG Architectural Glass Co., Ltd.	4003	Tecnoglass S.A.
3825	Flat Glass Distributors	3936	Dongguan CSG Architectural Glass Co., Ltd.	4004	Tri-Star Glass
3826	Flat Glass Distributors	3937	Dongguan CSG Architectural Glass Co., Ltd.	4005	Tri-Star Glass
3828	Flat Glass Distributors	3938	Dongguan CSG Architectural Glass Co., Ltd.	4006	Tri-Star Glass
3830	Flat Glass Distributors	3939	Dongguan CSG Architectural Glass Co., Ltd.	4007	Tri-Star Glass
3831	Flat Glass Distributors	3941	Guangdong Golden Glass Technologies	4008	Tri-Star Glass
3839	Trulite Glass and Aluminum Solutions	3942	Guangdong Golden Glass Technologies	4009	Tri-Star Glass
3841	Glenny Glass Co.	3943	Guangdong Golden Glass Technologies	4010	Tri-Star Glass
3843	Glenny Glass Co.	3944	Guangdong Golden Glass Technologies	4011	Tri-Star Glass
3844	Glenny Glass Co.	3945	Guangdong Golden Glass Technologies	4012	Kohler Company
3845	Glenny Glass Co.	3946	Guangdong Golden Glass Technologies	4021	Tianjin CSG Energy Conservation Glass Co., Ltd
3846	Glenny Glass Co.			4022	Tianjin CSG Energy Conservation Glass Co., Ltd
3857	GGI Glass Distributors Corp.			4023	Tianjin CSG Energy Conservation Glass Co., Ltd
3858	GGI Glass Distributors Corp.			4024	Tianjin CSG Energy Conservation Glass Co., Ltd
3859	Innovative Glass of America, Inc.				
3860	Innovative Glass of America, Inc.				
3861	Innovative Glass of America, Inc.				
3862	Innovative Glass of America, Inc.				
3863	Innovative Glass of America, Inc.				
3864	Innovative Glass of America, Inc.				
3865	Denver Glass Interiors, Inc.				
3866	Denver Glass Interiors, Inc.				
3867	Denver Glass Interiors, Inc.				

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SGCC No.		SGCC No.		SGCC No.	
4025	Tianjin CSG Energy Conservation Glass Co., Ltd	4106	Tianjin CSG Energy Conservation Glass Co., Ltd	4188	Trulite Glass and Aluminum Solutions
4026	Tianjin CSG Energy Conservation Glass Co., Ltd	4107	Tianjin CSG Energy Conservation Glass Co., Ltd	4189	Trulite Glass and Aluminum Solutions
4027	Tianjin CSG Energy Conservation Glass Co., Ltd	4108	Tianjin CSG Energy Conservation Glass Co., Ltd	4197	United Plate Glass Company of Charlotte
4028	Tianjin CSG Energy Conservation Glass Co., Ltd	4120	Cardinal LG	4198	Glass and Mirror Craft
4030	Tianjin CSG Energy Conservation Glass Co., Ltd	4121	EFCO Corporation	4199	Glass and Mirror Craft
4031	General Glass	4123	Dongguan Dongfa Glass Product Co., Ltd	4200	Glass and Mirror Craft
4032	General Glass	4124	Dongguan Dongfa Glass Product Co., Ltd	4202	Glass and Mirror Craft
4033	General Glass	4125	Dongguan Dongfa Glass Product Co., Ltd	4203	Glass and Mirror Craft
4034	General Glass	4126	Dongguan Dongfa Glass Product Co., Ltd	4204	Glass and Mirror Craft
4035	TianJin Dong Sung Home Building Materials Co. Ltd.	4132	Dongguan Dongfa Glass Product Co., Ltd	4206	SIGCO, Inc.
4041	Vidrios Marte SA de CV	4133	Oldcastle BuildingEnvelope®	4207	Trulite Glass and Aluminum Solutions
4042	Vidrios Marte SA de CV	4134	Trulite Glass and Aluminum Solutions	4209	Trulite Glass and Aluminum Solutions
4046	AGC Flat Glass North America	4135	Trulite Glass and Aluminum Solutions	4210	Trulite Glass and Aluminum Solutions
4047	Cardinal CG	4137	Cardinal CG	4211	Trulite Glass and Aluminum Solutions
4048	WSD Glass, Inc.	4139	Basco Engineered Products	4212	Trulite Glass and Aluminum Solutions
4049	WSD Glass, Inc.	4146	Deqing Sanxing Plastic Chemical Co. Ltd.	4213	Trulite Glass and Aluminum Solutions
4050	WSD Glass, Inc.	4147	Deqing Sanxing Plastic Chemical Co. Ltd.	4214	Trulite Glass and Aluminum Solutions
4051	WSD Glass, Inc.	4148	Nashville Tempered Glass LLC	4215	Trulite Glass and Aluminum Solutions
4052	WSD Glass, Inc.	4152	Trulite Glass and Aluminum Solutions	4216	Trulite Glass and Aluminum Solutions
4054	Oldcastle BuildingEnvelope®	4153	Trulite Glass and Aluminum Solutions	4217	Trulite Glass and Aluminum Solutions
4055	Deqing Sanxing Plastic Chemical Co. Ltd.	4154	EFCO Corporation	4218	Trulite Glass and Aluminum Solutions
4056	Deqing Sanxing Plastic Chemical Co. Ltd.	4156	Qinhuangdao Detai Tempered Glass Co., Ltd.	4219	Trulite Glass and Aluminum Solutions
4057	Deqing Sanxing Plastic Chemical Co. Ltd.	4158	Trulite Glass and Aluminum Solutions	4220	Trulite Glass and Aluminum Solutions
4061	Troy Systems LLC	4159	Trulite Glass and Aluminum Solutions	4221	Trulite Glass and Aluminum Solutions
4062	Troy Systems LLC	4160	Trulite Glass and Aluminum Solutions	4225	RF Supply, Inc.
4063	Troy Systems LLC	4161	JYC Glass Co. Ltd.	4226	RF Supply, Inc.
4067	Shanghai SYP Engineering Glass	4162	JYC Glass Co. Ltd.	4227	RF Supply, Inc.
4068	Shanghai SYP Engineering Glass	4163	JYC Glass Co. Ltd.	4233	Trulite Glass and Aluminum Solutions
4069	Shanghai SYP Engineering Glass	4165	JYC Glass Co. Ltd.	4240	Industrial Tempering Glass
4070	Shanghai SYP Engineering Glass	4166	JYC Glass Co. Ltd.	4246	Vetzeria Valentini S.R.L.
4071	Shanghai SYP Engineering Glass	4167	Dongguan CSG Architectural Glass Co., Ltd.	4247	Oldcastle BuildingEnvelope®
4072	Shanghai SYP Engineering Glass	4169	W. A. Wilson Inc.	4248	GGI Glass Distributors Corp.
4073	Shanghai SYP Engineering Glass	4170	W. A. Wilson Inc.	4249	Viracon Inc.
4074	Shanghai SYP Engineering Glass	4171	W. A. Wilson Inc.	4250	Viracon Inc.
4075	Tianjin SYP Engineering Glass	4172	W. A. Wilson Inc.	4254	Mercer Glass Fab LLC
4076	Tianjin SYP Engineering Glass	4173	W. A. Wilson Inc.	4255	Mercer Glass Fab LLC
4077	Tianjin SYP Engineering Glass	4175	W. A. Wilson Inc.	4256	Mercer Glass Fab LLC
4078	Tianjin SYP Engineering Glass	4176	W. A. Wilson Inc.	4257	Mercer Glass Fab LLC
4079	Tianjin SYP Engineering Glass	4179	Xinyi Group (Glass) Co., Ltd.	4258	Mercer Glass Fab LLC
4080	Tianjin SYP Engineering Glass	4180	Oldcastle BuildingEnvelope®	4265	Trulite Glass and Aluminum Solutions - East
4081	Tianjin SYP Engineering Glass	4181	Oldcastle BuildingEnvelope®	4266	Trulite Glass and Aluminum Solutions - East
4083	Tianjin SYP Engineering Glass	4182	Trulite Glass and Aluminum Solutions	4267	Trulite Glass and Aluminum Solutions - East
4084	Tianjin SYP Engineering Glass	4183	Trulite Glass and Aluminum Solutions	4268	Trulite Glass and Aluminum Solutions - East
4089	Trulite Glass and Aluminum Solutions	4184	Trulite Glass and Aluminum Solutions	4269	Trulite Glass and Aluminum Solutions - East
4090	Trulite Glass and Aluminum Solutions	4185	Trulite Glass and Aluminum Solutions	4270	Trulite Glass and Aluminum Solutions - East
4091	Cardinal IG	4186	Trulite Glass and Aluminum Solutions	4271	Trulite Glass and Aluminum Solutions - East
4103	Cardinal CG	4187	Trulite Glass and Aluminum Solutions	4272	Trulite Glass and Aluminum Solutions - East
4104	Cardinal CG			4277	Trulite Glass and Aluminum Solutions
4105	Cardinal CG			4278	SAAND London

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Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
4280	M/M Tempering Inc.	4351	Cardinal LG	4443	Oldcastle BuildingEnvelope®
4281	M/M Tempering Inc.	4353	Shanghai SYP Building Glass	4444	Oldcastle BuildingEnvelope®
4282	M/M Tempering Inc.	4354	Viracon Inc.	4446	Oldcastle BuildingEnvelope®
4285	Contour Industries, Inc.	4355	All Team Glass & Mirror, Ltd.	4448	Oldcastle BuildingEnvelope®
4290	Thermo BSL	4356	SAAND Toronto	4449	Oldcastle BuildingEnvelope®
4291	Thermo BSL	4357	SAAND Toronto	4452	Trulite Glass and Aluminum Solutions
4292	Thermo BSL	4358	SAAND Toronto	4453	Trulite Glass and Aluminum Solutions
4293	Thermo BSL	4361	Cardinal LG	4454	Oldcastle BuildingEnvelope®
4299	Mega Tempering	4362	Cardinal LG	4455	Oldcastle BuildingEnvelope®
4300	Mega Tempering	4363	Changshu Zhongxin Bldg. Mat. Co.	4456	Oldcastle BuildingEnvelope®
4301	Mega Tempering	4371	Trulite Glass and Aluminum Solutions	4457	Oldcastle BuildingEnvelope®
4303	Jiangmen SYP Engineering Glass	4372	Trulite Glass and Aluminum Solutions	4458	Oldcastle BuildingEnvelope®
4304	Jiangmen SYP Engineering Glass	4373	Trulite Glass and Aluminum Solutions	4460	Oldcastle BuildingEnvelope®
4305	Jiangmen SYP Engineering Glass	4374	Trulite Glass and Aluminum Solutions	4461	Oldcastle BuildingEnvelope®
4306	Jiangmen SYP Engineering Glass	4375	Glass Dynamics, Inc.	4468	Thermoseal Industries, LLC
4307	Jiangmen SYP Engineering Glass	4376	Glass Dynamics, Inc.	4470	Thermoseal Industries, LLC
4308	Jiangmen SYP Engineering Glass	4379	Wholesale Glass Dist.	4471	Thermoseal Industries, LLC
4309	Jiangmen SYP Engineering Glass	4380	Wholesale Glass Dist.	4473	Insulite Glass Co., Inc.
4310	Jiangmen SYP Engineering Glass	4381	Wholesale Glass Dist.	4474	Insulite Glass Co., Inc.
4312	Jiangmen SYP Engineering Glass	4382	Wholesale Glass Dist.	4475	Oldcastle BuildingEnvelope®
4318	Maryland Glass & Mirror	4384	Oldcastle BuildingEnvelope®	4476	Oldcastle BuildingEnvelope®
4319	Maryland Glass & Mirror	4387	Oldcastle BuildingEnvelope®	4477	Oldcastle BuildingEnvelope®
4320	Maryland Glass & Mirror	4388	Engineered Glass Products, L.L.C.	4478	Trulite Glass and Aluminum Solutions - East
4321	Maryland Glass & Mirror	4389	Jiaxing Joinbath Corporation	4479	Trulite Glass and Aluminum Solutions - East
4322	Maryland Glass & Mirror	4391	Oldcastle BuildingEnvelope®	4499	Diamond Sea Glaze
4326	SIGCO, Inc.	4392	Oldcastle BuildingEnvelope®	4500	Diamond Sea Glaze
4327	SIGCO, Inc.	4393	Oldcastle BuildingEnvelope®	4501	Diamond Sea Glaze
4328	Aldora Aluminum and Glass Products Inc.	4394	Kawneer - (Cranberry) a division of Alcoa	4502	Diamond Sea Glaze
4329	Aldora Aluminum and Glass Products Inc.	4395	Kawneer - (Cranberry) a division of Alcoa	4503	Diamond Sea Glaze
4330	Aldora Aluminum and Glass Products Inc.	4396	Oldcastle BuildingEnvelope®	4504	Diamond Sea Glaze
4331	Aldora Aluminum and Glass Products Inc.	4397	Oldcastle BuildingEnvelope®	4505	Diamond Sea Glaze
4332	Aldora Aluminum and Glass Products Inc.	4398	Oldcastle BuildingEnvelope®	4506	Diamond Sea Glaze
4333	Aldora Aluminum and Glass Products Inc.	4399	Oldcastle BuildingEnvelope®	4507	Denver Glass Interiors, Inc.
4334	Aldora Aluminum and Glass Products Inc.	4400	Oldcastle BuildingEnvelope®	4508	Denver Glass Interiors, Inc.
4335	Aldora Aluminum and Glass Products Inc.	4401	Oldcastle BuildingEnvelope®	4509	Techni-Glass, Inc.
4336	Aldora Aluminum and Glass Products Inc.	4402	Oldcastle BuildingEnvelope®	4510	Techni-Glass, Inc.
4337	Aldora Aluminum and Glass Products Inc.	4411	Tri-Star Glass	4512	Perficom, S.A. de C.V.
4338	Aldora Aluminum and Glass Products Inc.	4413	Glass Dynamics, Inc.	4517	Blue Star Glass Inc.
4339	Aldora Aluminum and Glass Products Inc.	4414	Glass Dynamics, Inc.	4518	Blue Star Glass Inc.
4340	Oldcastle BuildingEnvelope®	4419	Garibaldi Glass Ind. Inc.	4519	Blue Star Glass Inc.
4342	Trulite Glass and Aluminum Solutions	4420	Garibaldi Glass Ind. Inc.	4520	Blue Star Glass Inc.
4343	Cardinal CG	4421	Garibaldi Glass Ind. Inc.	4521	Blue Star Glass Inc.
4344	Cardinal CG	4422	Garibaldi Glass Ind. Inc.	4522	Trulite Glass and Aluminum Solutions
4345	Cardinal CG	4424	Oldcastle BuildingEnvelope®	4523	Solar Seal Connecticut
4346	Oldcastle BuildingEnvelope®	4425	Fairis C.A.	4524	Multiver
4347	Cardinal CG	4426	Fairis C.A.	4526	Oldcastle BuildingEnvelope®
4350	Cardinal LG	4427	Fairis C.A.	4527	Oldcastle BuildingEnvelope®
		4428	Fairis C.A.	4528	Oldcastle BuildingEnvelope®
		4429	Fairis C.A.	4529	Oldcastle BuildingEnvelope®
		4430	Fairis C.A.	4530	Mercer Glass Fab LLC
		4431	Hartung Glass Industries Lami	4531	Oldcastle BuildingEnvelope®
		4432	Oldcastle BuildingEnvelope®	4533	Oldcastle BuildingEnvelope®
		4433	Oldcastle BuildingEnvelope®	4535	Guangdong Golden Glass Technologies
		4435	Oldcastle BuildingEnvelope®	4543	SIGCO, Inc.
		4437	Trulite Glass and Aluminum Solutions		

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SGCC No.		SGCC No.		SGCC No.	
4546	Cleer Vision Tempered Glass	4635	Qinhuangdao High Tech Energy Saving Dorwin Co., Ltd.	4717	Aldora Aluminum and Glass Products, Inc.
4547	Cleer Vision Tempered Glass	4636	United Plate Glass Company of Charlotte	4718	Aldora Aluminum and Glass Products, Inc.
4554	Trulite Glass and Aluminum Solutions	4638	Flat Glass Distributors	4719	Aldora Aluminum and Glass Products, Inc.
4555	Trulite Glass and Aluminum Solutions	4639	Productos De Valor Agregado en Cristal S.A. de C.V.	4720	Viracon Inc.
4558	Oldcastle BuildingEnvelope®	4640	Productos De Valor Agregado en Cristal S.A. de C.V.	4722	Fairis C.A.
4561	Oldcastle BuildingEnvelope®	4641	Productos De Valor Agregado en Cristal S.A. de C.V.	4723	Guangdong Golden Glass Technologies
4563	Oldcastle BuildingEnvelope®	4642	Productos De Valor Agregado en Cristal S.A. de C.V.	4724	Basco Engineered Products
4566	Dallas Flat Glass	4643	Amsco Windows	4725	View Inc.
4567	Dallas Flat Glass	4645	Productos De Valor Agregado en Cristal S.A. de C.V.	4726	View Inc.
4571	Architectural Glass Products, LLC	4648	Xinyi Group (Glass) Co., Ltd.	4727	View Inc.
4572	Architectural Glass Products, LLC	4651	Vitra Vidrios Transformados SA de CV	4728	View Inc.
4573	Architectural Glass Products, LLC	4652	Vitra Vidrios Transformados SA de CV	4729	Dolphin Glass Specialists, LLC
4574	Architectural Glass Products, LLC	4653	Vitra Vidrios Transformados SA de CV	4730	Tacoma Glass Mfg. Inc.
4575	Jiangmen SYP Engineering Glass	4654	Vitra Vidrios Transformados SA de CV	4731	Tacoma Glass Mfg. Inc.
4578	Cardinal CT	4655	Vitra Vidrios Transformados SA de CV	4732	Tacoma Glass Mfg. Inc.
4579	Cardinal CT	4656	Guardian Fabrication Inc.	4735	Tacoma Glass Mfg. Inc.
4580	Cardinal CT	4657	Changshu Xingfu Glass Building Material Co., LTD	4742	Cardinal CT
4581	Cardinal CT	4658	Guardian Industries Corp.	4743	Trulite Glass and Aluminum Solutions
4582	Cardinal CT	4661	The Original Frameless Shower Door	4744	Trulite Glass and Aluminum Solutions
4584	Cardinal LG	4662	The Original Frameless Shower Door	4745	Trulite Glass and Aluminum Solutions
4587	Cardinal LG	4663	The Original Frameless Shower Door	4746	Trulite Glass and Aluminum Solutions
4588	Intigral	4667	Trulite Glass and Aluminum Solutions	4747	Trulite Glass and Aluminum Solutions
4590	Al Abbar Architectural Glass	4668	Kohler Company	4748	Trulite Glass and Aluminum Solutions
4591	New Angle Beveling	4675	Reem Emirates Aluminum & Glass	4749	Trulite Glass and Aluminum Solutions
4592	New Angle Beveling	4676	Reem Emirates Aluminum & Glass	4750	Trulite Glass and Aluminum Solutions
4593	New Angle Beveling	4677	Reem Emirates Aluminum & Glass	4752	Trulite Glass and Aluminum Solutions
4594	New Angle Beveling	4682	Integral Seal Mfg. Inc.	4753	Trulite Glass and Aluminum Solutions
4595	New Angle Beveling	4683	Integral Seal Mfg. Inc.	4754	Trulite Glass and Aluminum Solutions
4597	White Aluminum Enterprises LLC	4684	Integral Seal Mfg. Inc.	4755	Trulite Glass and Aluminum Solutions
4598	White Aluminum Enterprises LLC	4686	Hartung Glass Industries	4756	Cardinal CT
4599	Cardinal CG	4688	Basco Engineered Products	4757	Cardinal CT
4601	Trulite Glass and Aluminum Solutions	4689	Basco Engineered Products	4758	Cardinal CT
4604	Guardian Industries Corp.	4700	Oldcastle BuildingEnvelope®	4759	Cardinal CT
4605	Guardian Industries Corp.	4701	Contour Industries, Inc.	4760	Cardinal CT
4606	Guardian Industries Corp.	4702	Contour Industries, Inc.	4761	Cardinal CT
4607	Guardian Industries Corp.	4703	Contour Industries, Inc.	4763	Dallas Flat Glass
4608	Guardian Industries Corp.	4704	Contour Industries, Inc.	4764	Global Security Glazing
4609	Guardian Industries Corp.	4705	Contour Industries, Inc.	4765	Global Security Glazing
4610	Guardian Industries Corp.	4710	Oldcastle BuildingEnvelope®	4766	Global Security Glazing
4611	Guardian Industries Corp.	4711	Pulp Studio Inc.	4767	Global Security Glazing
4612	Guardian Industries Corp.	4714	Consolidated Glass Corp.	4768	Global Security Glazing
4613	Guardian Industries Corp.	4715	Aldora Aluminum and Glass Products, Inc.	4769	Global Security Glazing
4616	American Shower Door	4716	Aldora Aluminum and Glass Products, Inc.	4770	Global Security Glazing
4618	Oldcastle BuildingEnvelope®			4771	Luminous Glass Solutions
4620	Cardinal CT			4772	Luminous Glass Solutions
4621	Cardinal CT			4773	Luminous Glass Solutions
4622	Cardinal CT			4774	GGI Glass Distributors Corp.
4623	Cardinal CT			4775	Cardinal CG
4624	Cardinal CT			4779	Viracon Inc.
4625	Cardinal CT			4780	Cardinal CG
4626	Downey Glass Industries, LLC			4781	Cardinal CG
4627	Guardian Industries Corp.			4783	Cardinal CG
4628	Glass Enterprises, Inc.			4784	Viracon Inc.
4629	Glass Enterprises, Inc.				
4631	Hartung Glass Industries				
4633	Guardian Industries Corp.				

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SGCC No.		SGCC No.		SGCC No.	
4785	Consolidated Glass Corp.	4848	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4921	Columbia Commercial Bldg Prod.
4787	Oldcastle BuildingEnvelope®	4849	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4922	Trulite Glass and Aluminum Solutions
4788	Productos De Valor Agregado en Cristal S.A. de C.V.	4850	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4923	Trulite Glass and Aluminum Solutions
4789	Aldora Aluminum and Glass Products, Inc.	4851	Texas Tempered, a Trulite Glass and Aluminum Solutions Company	4924	Glass and Mirror Craft
4790	Dallas Flat Glass	4870	Tai Sheng (Dong Guan) Glass Co.,Ltd	4925	McGrory Glass
4791	D3 Glass, LLC	4872	Tai Sheng (Dong Guan) Glass Co.,Ltd	4926	Upstate Glass Tempering Inc.
4792	D3 Glass, LLC	4873	Tai Sheng (Dong Guan) Glass Co.,Ltd	4927	Upstate Glass Tempering Inc.
4793	D3 Glass, LLC	4875	Yong Feng Tai Foshan City Glas Co., LTD.	4928	JM Glass
4795	D3 Glass, LLC	4876	Yong Feng Tai Foshan City Glas Co., LTD.	4929	JM Glass
4796	Gulf Glass Industries, LLC	4877	Yong Feng Tai Foshan City Glas Co., LTD.	4930	JM Glass
4797	Gulf Glass Industries, LLC	4881	Cardinal TG	4931	JM Glass
4798	Gulf Glass Industries, LLC	4882	Oldcastle BuildingEnvelope®	4933	Shanghai Mingte Glass Technology Co., Ltd.
4799	Gulf Glass Industries, LLC	4883	AGNORA (Architectural Glass North America)	4934	Shanghai Mingte Glass Technology Co., Ltd.
4800	Guardian Industries Corp.	4884	AGNORA (Architectural Glass North America)	4935	Shanghai Mingte Glass Technology Co., Ltd.
4801	PGT Industries	4885	AGNORA (Architectural Glass North America)	4936	Changshu Zhouxing Glass Co. Ltd.
4804	Glasswerks LA, Inc. East	4886	AGNORA (Architectural Glass North America)	4949	SAAND Ottawa
4805	Glasswerks LA, Inc. East	4887	PG Building Glass Processing	4950	SAAND Ottawa
4806	Glasswerks LA, Inc. East	4889	GlassFab Tempering Services Inc.	4951	SAAND Ottawa
4807	Shanghai SYP Building Glass	4890	GlassFab Tempering Services Inc.	4952	SAAND Ottawa
4810	Aldora Aluminum and Glass Products, Inc.	4891	GlassFab Tempering Services Inc.	4953	SAAND Ottawa
4811	Paragon Tempered Glass	4892	GlassFab Tempering Services Inc.	4954	SAAND Ottawa
4812	PGT Industries	4893	GlassFab Tempering Services Inc.	4966	Vidrio Bisel S.A. de C.V.
4813	McGrory Glass	4894	GlassFab Tempering Services Inc.	4967	Vidrio Bisel S.A. de C.V.
4814	McGrory Glass	4895	GlassFab Tempering Services Inc.	4968	Vidrio Bisel S.A. de C.V.
4815	McGrory Glass	4896	GlassFab Tempering Services Inc.	4969	Vidrio Bisel S.A. de C.V.
4816	McGrory Glass	4897	GlassFab Tempering Services Inc.	4970	Contract Glass
4817	McGrory Glass	4898	GlassFab Tempering Services Inc.	4971	Contract Glass
4818	McGrory Glass	4899	GlassFab Tempering Services Inc.	4972	Contract Glass
4819	McGrory Glass	4900	NY Tempering LLC	4973	Contract Glass
4820	McGrory Glass	4901	NY Tempering LLC	4974	Contract Glass
4822	Thermal Seal Insulating Glass	4902	NY Tempering LLC	4975	Contract Glass
4823	Thermal Seal Insulating Glass	4903	NY Tempering LLC	4978	Simonton Windows
4824	Thermal Seal Insulating Glass	4904	Prelco Inc.	4979	Simonton Windows
4825	Thermal Seal Insulating Glass	4905	Prelco Inc.	4980	Trulite Glass and Aluminum Solutions
4826	Thermal Seal Insulating Glass	4906	Prelco Inc.	4981	Trulite Glass and Aluminum Solutions
4827	Trulite Glass and Aluminum Solutions	4907	Grand Glass Windows and Doors Inc.	4993	Tweddell's Inc.
4828	Jiaxing Joinbath Corporation	4909	Grand Glass Windows and Doors Inc.	4994	Trulite Glass and Aluminum Solutions - East
4829	Guardian Industries Corp.	4911	Prelco Inc.	4995	SAAND Rexdale
4830	Thermal Seal Insulating Glass	4912	Prelco Inc.	4996	SAAND Rexdale
4831	Thermal Seal Insulating Glass	4913	Prelco Inc.	4997	SAAND Rexdale
4832	Cameron Glass, Inc.	4914	Prelco Inc.	4998	SAAND Rexdale
4834	D3 Glass, LLC	4915	Prelco Inc.	4999	SAAND Rexdale
4836	Cardinal IG	4916	Prelco Inc.	5000	SAAND Rexdale
4837	Berkowitz, J.E.	4917	Prelco Inc.	5001	SAAND Rexdale
4838	Dillmeier Enterprise, Inc.	4918	Troy Systems LLC	5002	SAAND Rexdale
4839	Dillmeier Enterprise, Inc.			5003	SAAND Rexdale
4841	Cardinal LG			5005	SAAND Rexdale
4842	Cardinal LG			5008	SAAND Rexdale
4843	Cardinal LG			5009	Tempco Glass
4844	Cardinal LG			5010	Tempco Glass
4846	Al Abbar Architectural Glass			5011	Tempco Glass
4847	Texas Tempered, a Trulite Glass and Aluminum Solutions Company			5012	Tempco Glass
				5013	Tempco Glass

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SGCC No.		SGCC No.		SGCC No.	
5014	EFI	5081	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5141	Qinhuangdao Qicaishi
5016	SAGE Electrochromics Inc.			5142	Guardian Industries Corp.
5017	Viracon Inc.	5084	Aluminum Technology Auxiliary Industries	5143	Glaz-Tech Industries
5017	Viracon Inc.	5085	Cardinal IG	5144	Bendheim Wall Systems
5018	Anthony International	5086	Cardinal IG	5145	Bendheim Wall Systems
5019	Glas Works, Inc.	5087	Cardinal IG	5146	Jiaxing Joinbath Corporation
5020	Glas Works, Inc.	5088	Cardinal IG	5151	Changshu Xingfu Glass Building Material Co., LTD
5021	Glas Works, Inc.	5089	Cardinal IG	5152	Changshu Xingfu Glass Building Material Co., LTD
5024	Oldcastle BuildingEnvelope®	5090	Fujian Xihe Sanitary Ware Technology Co., Ltd	5157	Upstate Glass Tempering Inc.
5025	Oldcastle BuildingEnvelope®	5091	Fujian Xihe Sanitary Ware Technology Co., Ltd	5158	Upstate Glass Tempering Inc.
5026	EFI			5159	Classy Glass Specialties Co., Ltd
5027	Interglass Corp	5092	Fujian Xihe Sanitary Ware Technology Co., Ltd	5160	Classy Glass Specialties Co., Ltd
5028	Dongguan Trillion Aluminum Glass Co., Ltd	5093	Louisville Plate Glass Company	5161	Classy Glass Specialties Co., Ltd
5029	Dongguan Trillion Aluminum Glass Co., Ltd	5095	Cardinal CT	5162	Classy Glass Specialties Co., Ltd
5030	Dongguan Trillion Aluminum Glass Co., Ltd	5096	Cardinal CT	5163	Classy Glass Specialties Co., Ltd
5031	Dongguan Trillion Aluminum Glass Co., Ltd	5097	Cardinal CT	5164	Classy Glass Specialties Co., Ltd
5032	Interglass Corp	5098	Cardinal CT	5165	Tacoma Glass Mfg. Inc.
5033	Interglass Corp	5099	Cardinal CT	5166	Tacoma Glass Mfg. Inc.
5034	Interglass Corp	5100	Cardinal CT	5167	Tacoma Glass Mfg. Inc.
5035	Interglass Corp	5101	Cardinal CT - S	5168	Tacoma Glass Mfg. Inc.
5036	Interglass Corp	5102	Cardinal CT - S	5169	Classy Glass Specialties Co., Ltd
5037	Vitra Vidrios Transformados SA de CV	5103	Cardinal CT - S	5170	Classy Glass Specialties Co., Ltd
		5104	Cardinal CT - S	5173	W. A. Wilson Inc.
5039	Triview Glass Industries	5105	Cardinal CT - S	5174	Blue Star Glass Inc.
5040	Triview Glass Industries	5106	Cardinal CT - S	5175	Blue Star Glass Inc.
5041	Triview Glass Industries	5108	Tri-Star Glass	5176	TG Changjiang Glass Co., Ltd
5042	Triview Glass Industries	5109	Tri-Star Glass	5177	TG Changjiang Glass Co., Ltd
5043	Triview Glass Industries	5110	Fujiansheng Binchang Metal Products Co., Ltd	5178	TG Changjiang Glass Co., Ltd
5044	Triview Glass Industries	5111	Fujiansheng Binchang Metal Products Co., Ltd	5179	TG Changjiang Glass Co., Ltd
5045	Triview Glass Industries	5112	Tacoma Glass Mfg. Inc.	5183	Trulite Glass and Aluminum Solutions
5046	Triview Glass Industries	5116	Glass and Mirror Craft	5184	Trulite Glass and Aluminum Solutions
5047	Triview Glass Industries	5117	Future Architectural Glass LLC	5185	Trulite Glass and Aluminum Solutions
5048	Triview Glass Industries	5118	Future Architectural Glass LLC	5186	Trulite Glass and Aluminum Solutions
5050	Techni-Glass, Inc.	5119	Interglass Corp	5187	Trulite Glass and Aluminum Solutions
5051	Oldcastle BuildingEnvelope®	5121	Downey Glass Industries, LLC	5188	Trulite Glass and Aluminum Solutions
5052	Jiangmen SYP Engineering Glass	5122	Downey Glass Industries, LLC	5189	Trulite Glass and Aluminum Solutions
5053	Jiangmen SYP Engineering Glass	5123	Troy Systems LLC	5190	Trulite Glass and Aluminum Solutions
5054	Jiangmen SYP Engineering Glass	5124	Garibaldi Glass Ind. Inc.	5191	Trulite Glass and Aluminum Solutions
5055	Jiangmen SYP Engineering Glass	5125	Garibaldi Glass Ind. Inc.	5192	Trulite Glass and Aluminum Solutions
5056	Vidrio Bisel S.A. de C.V.	5127	Arlene Stained Glass & Door	5193	Cardinal LG
5067	Tai Sheng (Dong Guan) Glass Co.,Ltd	5128	GlassFab Tempering Services Inc.	5194	Virginia Glass Products Corp.
5068	Tai Sheng (Dong Guan) Glass Co.,Ltd	5129	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	5195	Jiaxing Joinbath Corporation
5071	Grand Glass Windows and Doors Inc.	5130	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	5196	Jiaxing Joinbath Corporation
5076	Basco Engineered Products	5133	Guardian Industries Corp.	5198	Jiaxing Joinbath Corporation
5077	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5134	Trulite Glass and Aluminum Solutions	5199	Robover Inc.
5078	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5135	Inkan Ltd	5200	Robover Inc.
5079	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5136	Inkan Ltd	5201	Robover Inc.
5080	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5137	Inkan Ltd	5202	Robover Inc.
		5138	Inkan Ltd	5203	Basco Engineered Products
		5139	Inkan Ltd	5204	PPG Inds. Inc.
		5140	Inkan Ltd	5205	PPG Inds. Inc.
				5206	PPG Inds. Inc.
				5207	PPG Inds. Inc.
				5208	EFI
				5209	EFI

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SGCC No.		SGCC No.		SGCC No.	
5210	EFI	5260	Dalian Huaying Glass Limited Liability Co.	5327	Trulite Glass and Aluminum Solutions
5211	EFI			5328	Trulite Glass and Aluminum Solutions
5212	Aluminum Technology Auxiliary Industries	5261	Dalian Huaying Glass Limited Liability Co.	5330	ClearEdge Glass
5213	SIGCO, Inc.	5263	McGrory Glass	5331	ClearEdge Glass
5215	Oldcastle BuildingEnvelope®	5266	Cardinal CT	5335	Cardinal CG
5216	Fujian Xihe Sanitary Ware Technology Co., Ltd	5272	Trulite Glass and Aluminum Solutions	5336	Cardinal CG
5217	Fujian Xihe Sanitary Ware Technology Co., Ltd	5273	Trulite Glass and Aluminum Solutions	5337	Trulite Glass and Aluminum Solutions - West
5218	Fujian Xihe Sanitary Ware Technology Co., Ltd	5274	Trulite Glass and Aluminum Solutions	5338	Trulite Glass and Aluminum Solutions - West
5219	Garibaldi Glass Ind. Inc.	5275	Trulite Glass and Aluminum Solutions	5339	Trulite Glass and Aluminum Solutions - West
5220	Tianjin Northglass Industrial Technical Co., Ltd	5276	Trulite Glass and Aluminum Solutions	5340	Trulite Glass and Aluminum Solutions - West
5221	Tianjin Northglass Industrial Technical Co., Ltd	5277	Trulite Glass and Aluminum Solutions	5341	Trulite Glass and Aluminum Solutions
5222	Berkowitz, J.E.	5279	Trulite Glass and Aluminum Solutions	5342	Trulite Glass and Aluminum Solutions
5223	Tianjin Northglass Industrial Technical Co., Ltd	5280	Qinhuangdao Jingxin Glass Co., Ltd.	5343	Trulite Glass and Aluminum Solutions
5224	Cardinal LG Northeast	5281	Cardinal CG	5344	Trulite Glass and Aluminum Solutions
5225	Cardinal LG Northeast	5283	American Insulated Glass Inc.	5345	Trulite Glass and Aluminum Solutions
5226	Multiver	5284	American Insulated Glass Inc.	5346	Trulite Glass and Aluminum Solutions
5227	Multiver	5285	American Insulated Glass Inc.	5347	Trulite Glass and Aluminum Solutions
5228	Multiver	5286	American Insulated Glass Inc.	5348	Trulite Glass and Aluminum Solutions
5229	Nashville Tempered Glass LLC	5287	American Insulated Glass Inc.	5349	Trulite Glass and Aluminum Solutions
5230	Nashville Tempered Glass LLC	5288	American Insulated Glass Inc.	5350	Trulite Glass and Aluminum Solutions
5231	Nashville Tempered Glass LLC	5289	American Insulated Glass Inc.	5351	Changshu Weier Glass Products Co. Ltd.
5232	Future Architectural Glass LLC	5290	Phoenicia Flat Glass Industries	5352	Changshu Weier Glass Products Co. Ltd.
5233	Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	5291	Yong Feng Tai Foshan City Glas Co., LTD.	5353	Changshu Weier Glass Products Co. Ltd.
5234	Anthony International	5292	Jin Yao Chang Tempered Glass Co., Ltd	5354	Changshu Weier Glass Products Co. Ltd.
5235	Protective Insulating Glass	5293	Jin Yao Chang Tempered Glass Co., Ltd	5355	Oldcastle BuildingEnvelope®
5236	Protective Insulating Glass	5294	Jin Yao Chang Tempered Glass Co., Ltd	5364	Cardinal CT
5237	Glass Design of Miami, Inc.	5296	Simonton Windows	5365	Texas Tempered, a Trulite Glass and Aluminum Solutions Company
5242	Paragon Tempered Glass	5297	Quaker Window Products, Inc.	5366	Bronco Industries, Inc.
5245	Cardinal CT - W	5298	Thompson I.G. LLC.	5368	Bronco Industries, Inc.
5246	Cardinal CT - W	5299	Thompson I.G. LLC.	5369	Kawneer - (Cranberry) a division of Alcoa
5247	Cardinal CT - W	5300	Thompson I.G. LLC.	5370	Jiaxing Joinbath Corporation
5248	Cardinal CT - W	5301	Thompson I.G. LLC.	5377	Kibing Special Glass Zhangzhou Co., Ltd.
5249	Cardinal CT - W	5302	Thompson I.G. LLC.	5378	Kibing Special Glass Zhangzhou Co., Ltd.
5250	Cardinal CT - W	5303	Thompson I.G. LLC.	5379	Kibing Special Glass Zhangzhou Co., Ltd.
5251	Wujiang Golden Glass Technologies, Ltd.	5304	Thompson I.G. LLC.	5380	Kibing Special Glass Zhangzhou Co., Ltd.
5252	Wujiang Golden Glass Technologies, Ltd.	5305	Thompson I.G. LLC.	5381	Kibing Special Glass Zhangzhou Co., Ltd.
5253	Wujiang Golden Glass Technologies, Ltd.	5306	Cardinal CG	5382	Kibing Special Glass Zhangzhou Co., Ltd.
5254	Wujiang Golden Glass Technologies, Ltd.	5308	ClearEdge Glass	5383	Virginia Glass Products Corp.
5255	Wujiang Golden Glass Technologies, Ltd.	5310	ClearEdge Glass	5384	Tweddell's Inc.
5256	Wujiang Golden Glass Technologies, Ltd.	5311	ClearEdge Glass	5385	Tweddell's Inc.
5257	Wujiang Golden Glass Technologies, Ltd.	5313	ClearEdge Glass	5386	Tweddell's Inc.
5258	Wujiang Golden Glass Technologies, Ltd.	5314	ClearEdge Glass	5387	Oldcastle BuildingEnvelope®
5259	Glass Dynamics, Inc.	5316	Trulite Glass and Aluminum Solutions	5388	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.
		5317	Trulite Glass and Aluminum Solutions		
		5318	Trulite Glass and Aluminum Solutions		
		5319	Trulite Glass and Aluminum Solutions		
		5320	Trulite Glass and Aluminum Solutions		
		5321	Trulite Glass and Aluminum Solutions		
		5322	Trulite Glass and Aluminum Solutions		
		5323	Trulite Glass and Aluminum Solutions		
		5324	Trulite Glass and Aluminum Solutions		
		5325	Trulite Glass and Aluminum Solutions		
		5326	Trulite Glass and Aluminum Solutions		

Certified Products-Numerical Sequence

SGCC No.		SGCC No.		SGCC No.	
5389	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5446	Trulite Glass and Aluminum Solutions	5496	Foshan Gaoming Yaqi Toughened Glass
5390	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5447	Trulite Glass and Aluminum Solutions	5497	Foshan Gaoming Yaqi Toughened Glass
5391	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5448	Trulite Glass and Aluminum Solutions	5498	Produits Verrier International Inc.
5392	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	5449	Trulite Glass and Aluminum Solutions	5499	Produits Verrier International Inc.
5393	Vitemex	5450	Trulite Glass and Aluminum Solutions	5500	Produits Verrier International Inc.
5394	Vitemex	5451	Trulite Glass and Aluminum Solutions	5501	Produits Verrier International Inc.
5395	Vitemex	5453	Nashville Tempered Glass LLC	5502	Produits Verrier International Inc.
5396	Trulite Glass and Aluminum Solutions	5454	Nashville Tempered Glass LLC	5503	Produits Verrier International Inc.
5397	Trulite Glass and Aluminum Solutions	5455	New Century Glass & Aluminum LLC	5504	Produits Verrier International Inc.
5398	Trulite Glass and Aluminum Solutions	5456	New Century Glass & Aluminum LLC	5505	Produits Verrier International Inc.
5399	Trulite Glass and Aluminum Solutions	5457	New Century Glass & Aluminum LLC	5507	Trulite Glass and Aluminum Solutions
5400	Trulite Glass and Aluminum Solutions	5458	New Century Glass & Aluminum LLC	5508	Trulite Glass and Aluminum Solutions
5401	Trulite Glass and Aluminum Solutions	5459	Oldcastle BuildingEnvelope®	5509	Trulite Glass and Aluminum Solutions
5402	Trulite Glass and Aluminum Solutions	5460	Soma Towers LLC	5510	Trulite Glass and Aluminum Solutions
5403	Trulite Glass and Aluminum Solutions	5461	Shanghai Chung Glass Co., Ltd.	5511	Trulite Glass and Aluminum Solutions
5404	Trulite Glass and Aluminum Solutions	5462	Unitex Glass Chengdu Co., Ltd	5512	Sanshiba
5405	Trulite Glass and Aluminum Solutions	5463	Unitex Glass Chengdu Co., Ltd	5513	Insulite Glass Co., Inc.
5406	Trulite Glass and Aluminum Solutions	5464	Zhangjiagang City Daming Glass Product Co., Ltd	5514	Yong Feng Tai Foshan City Glas Co., LTD.
5407	Unitex Glass Chengdu Co., Ltd	5465	Zhangjiagang City Daming Glass Product Co., Ltd	5515	Yong Feng Tai Foshan City Glas Co., LTD.
5408	Unitex Glass Chengdu Co., Ltd	5466	Zhangjiagang City Daming Glass Product Co., Ltd	5519	TVITEC
5410	M Industria S.A. DE C.V.	5467	Sky Land Tempering Glass Corp	5520	Vetzeria F. Illi Paci
5411	M Industria S.A. DE C.V.	5468	Sky Land Tempering Glass Corp	5527	Solar Seal Massachusetts
5412	M Industria S.A. DE C.V.	5469	Sky Land Tempering Glass Corp	5528	Clarus Glassboards
5413	M Industria S.A. DE C.V.	5470	Sky Land Tempering Glass Corp	5529	Qingdao Apis Glass Industries Ltd.
5414	Unitex Glass Chengdu Co., Ltd	5471	AGC Glass Company North America Building Products Fabrication	5530	Qingdao Apis Glass Industries Ltd.
5418	Consolidated Armor Products, LLC	5473	AGC Glass Company North America Building Products Fabrication	5531	Qingdao Apis Glass Industries Ltd.
5419	Consolidated Armor Products, LLC	5474	AGC Glass Company North America Building Products Fabrication	5532	Xinyi Glass (Tianjin) Co. Ltd.
5420	Alumana Industries	5475	AGC Glass Company North America Building Products Fabrication	5533	Xinyi Glass (Tianjin) Co. Ltd.
5421	Alumana Industries	5476	AGC Glass Company North America Building Products Fabrication	5534	Xinyi Glass (Tianjin) Co. Ltd.
5422	Alumana Industries	5477	Trulite Glass and Aluminum Solutions	5535	Xinyi Glass (Tianjin) Co. Ltd.
5423	Alumana Industries	5478	Trulite Glass and Aluminum Solutions	5536	Xinyi Glass (Tianjin) Co. Ltd.
5424	Alumana Industries	5479	Cardinal CT	5537	Xinyi Glass (Tianjin) Co. Ltd.
5425	Wolverine Glass Products, Inc.	5480	Glasswerks LA, Inc. West	5538	Xinyi Glass (Tianjin) Co. Ltd.
5426	Wolverine Glass Products, Inc.	5481	Glasswerks LA, Inc. West	5539	Xinyi Glass (Tianjin) Co. Ltd.
5427	Wolverine Glass Products, Inc.	5482	Glasswerks LA, Inc. West	5540	Shwinco Architectural Products LLC
5428	Wolverine Glass Products, Inc.	5483	Trulite Glass and Aluminum Solutions	5541	Shwinco Architectural Products LLC
5429	Wolverine Glass Products, Inc.	5484	Trulite Glass and Aluminum Solutions	5542	Beijing Jinjing Wisdom Co., Ltd
5430	Wolverine Glass Products, Inc.	5485	Trulite Glass and Aluminum Solutions	5543	Beijing Jinjing Wisdom Co., Ltd
5431	Wolverine Glass Products, Inc.	5489	Jin Yao Chang Tempered Glass Co., Ltd	5544	Beijing Jinjing Wisdom Co., Ltd
5432	Trulite Glass and Aluminum Solutions	5490	Taiwan Glass Industry Corp.	5545	Beijing Jinjing Wisdom Co., Ltd
5433	Trulite Glass and Aluminum Solutions	5491	Foshan Gaoming Yaqi Toughened Glass	5546	Beijing Jinjing Wisdom Co., Ltd
5434	Trulite Glass and Aluminum Solutions	5492	Foshan Gaoming Yaqi Toughened Glass	5547	Beijing Jinjing Wisdom Co., Ltd
5435	Cardinal IG	5493	Foshan Gaoming Yaqi Toughened Glass	5548	Beijing Jinjing Wisdom Co., Ltd
5436	Shenzhen Kai Tai Glass Co., LTD	5494	Foshan Gaoming Yaqi Toughened Glass	5554	Downey Glass Industries, LLC
5437	Shenzhen Kai Tai Glass Co., LTD	5495	Foshan Gaoming Yaqi Toughened Glass	5555	Viracon Inc.
5438	Shenzhen Kai Tai Glass Co., LTD			5556	Viracon Inc.
5439	Shenzhen Kai Tai Glass Co., LTD			5557	Viracon Inc.
5440	Shenzhen Kai Tai Glass Co., LTD			5558	Beijing Wuhua Tianbao Glass Co.
5441	Tri-Star Glass			5559	Beijing Wuhua Tianbao Glass Co.
5442	Oldcastle BuildingEnvelope®			5560	Beijing Wuhua Tianbao Glass Co.
5443	Trulite Glass and Aluminum Solutions			5561	Beijing Wuhua Tianbao Glass Co.
5444	Trulite Glass and Aluminum Solutions			5562	Beijing Wuhua Tianbao Glass Co.
5445	Trulite Glass and Aluminum Solutions			5563	Beijing Wuhua Tianbao Glass Co.

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Certified Products-Numerical Sequence

<i>SGCC No.</i>	<i>SGCC No.</i>	<i>SGCC No.</i>
5582	Viracon Inc.	
5599	Oldcastle BuildingEnvelope®	
5600	Jin Yao Chang Tempered Glass Co., Ltd	
5601	Jiaxing FOCA Sanitaryware Co., Ltd.	
5602	Jiaxing FOCA Sanitaryware Co., Ltd.	
5603	Jiaxing FOCA Sanitaryware Co., Ltd.	
5605	PRL Glass Systems	
5613	Qingdao Jinjing Co., Ltd.	
5617	Qingdao Jinjing Co., Ltd.	

Certified Products-Alphabetical By Plant

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

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Amsco Windows ; Salt Lake City, UT						Beijing Wuhua Tianbao Glass Co. ; Beijing, China					
2578	COMPOSITE	1/8	3.0 TTG		U A	5558	COMPOSITE	5/32	4.0 TTG		U A
4643	COMPOSITE	5/32	4.0 TTG		U A	5559	COMPOSITE	3/16	5.0 TTG		U A
2580	COMPOSITE	3/16	5.0 TTG		U A	5560	COMPOSITE	1/4	6.0 TTG		U A
2581	COMPOSITE	1/4	6.0 TTG		U A	5561	COMPOSITE	5/16	8.0 TTG		U A
2582	COMPOSITE	1/8	3.0 TPG (m)		U A	5562	COMPOSITE	3/8	10.0 TTG		U A
2584	COMPOSITE	3/16	5.0 TPG (m)		U A	5563	COMPOSITE	1/2	12.0 TTG		U A
Anthony International ; Madison, GA						Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Germany					
3249	COMPOSITE	1/8	3.0 TTG		U A	5145	COMPOSITE	*	6.0 TBP (s)(2)	20x76 A	
3027	COMPOSITE	5/32	4.0 TTG		U A	5144	COMPOSITE	*	7.0 TBP (s)(2)	16x76 A	
2352	COMPOSITE	3/16	5.0 TTG		U A	2570	COMPOSITE	*	6.0 TBG (2)	20x76 A	
2353	COMPOSITE	1/4	6.0 TTG		U A	2569	COMPOSITE	*	7.0 TBG (2)	16x76 A	
5234	COMPOSITE	5/16	8.0 TTG		U A	Berkowitz, J.E. ; Pedricktown, NJ					
2453	COMPOSITE	3/8	10.0 TTG		U A	4837	COMP+CAN	1/4	6.0 TTG		U A
5018	COMPOSITE	1/2	13.0 TTG		U A	2646	COMP+CAN	3/8	10.0 TTG		U A
2305	COMPOSITE	5/32	4.0 TBG		U A	1991	COMP+CAN	1/2	12.0 TTG		U A
2306	COMPOSITE	3/16	5.0 TBG		U A	2647	COMP+CAN	3/4	19.0 TTG		U A
2307	COMPOSITE	1/4	6.0 TBG		U A	5222	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
Anthony International ; San Fernando, CA						3750	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
520	ANSI ONLY	1/8	3.0 TTG		U A	Blue Star Glass Inc. ; North Brunswick, NJ					
2289	ANSI ONLY	5/32	4.0 TTG		U A	4517	COMPOSITE	1/8	3.0 TTG		U A
999	ANSI ONLY	3/16	5.0 TTG		U A	4518	COMPOSITE	3/16	5.0 TTG		U A
1000	ANSI ONLY	1/4	6.0 TTG		U A	4519	COMPOSITE	1/4	6.0 TTG		U A
Architectural Glass Products, LLC ; St. Louis, MO						4520	COMPOSITE	3/8	10.0 TTG		U A
4571	COMPOSITE	1/8	3.0 TTG		U A	4521	COMPOSITE	1/2	12.0 TTG		U A
4572	COMPOSITE	3/16	5.0 TTG		U A	5174	COMPOSITE	5/8	16.0 TTG		U A
4573	COMPOSITE	1/4	6.0 TTG		U A	5175	COMPOSITE	3/4	19.0 TTG		U A
4574	COMPOSITE	3/16	5.0 TPG (s)		U A	Bronco Industries, Inc. ; Delta, BC					
Arlene Stained Glass & Door ; Houston, TX						5366	COMP+CAN	1/4	6.0 TTG		U A
5127	COMPOSITE	1/8	3.0 TTG		U A	5368	COMP+CAN	1/2	12.0 TTG		U A
3583	COMPOSITE	3/16	5.0 TTG		U A	Cameron Glass, Inc. ; Broken Arrow, OK					
3584	COMPOSITE	1/4	6.0 TTG		U A	4832	COMPOSITE	1/8	3.0 TTG		U A
3585	COMPOSITE	5/32	4.0 TPG (s)		U A	2501	COMPOSITE	3/16	5.0 TTG		U A
Basco Engineered Products ; Hamilton, OH						2455	COMPOSITE	1/4	6.0 TTG		U A
4139	COMPOSITE	1/8	3.0 TTG		U A	2032	COMP+CAN	3/8	10.0 TTG		U A
4724	COMPOSITE	3/16	5.0 TTG		U A	2033	COMP+CAN	1/2	12.0 TTG		U A
3810	COMPOSITE	1/4	6.0 TTG		U A	Cardinal CG ; Buford, GA					
3811	COMPOSITE	3/8	10.0 TTG		U A	1921	COMP+CAN	1/8	3.0 TTG		U A
3812	COMPOSITE	1/2	12.0 TTG		U A	1922	COMP+CAN	5/32	4.0 TTG		U A
5076	COMPOSITE	3/4	19.0 TTG		U A	1923	COMP+CAN	3/16	5.0 TTG		U A
4688	COMPOSITE	3/16	5.0 TPG (m)		U A	1924	COMP+CAN	1/4	6.0 TTG		U A
4689	COMPOSITE	1/4	6.0 TPG (s)		U A	2146	COMP+CAN	1/8	3.0 TPG (s)		U A
5203	COMPOSITE	3/8	10.0 TPG (m)		U A	4599	COMP+CAN	3/16	5.0 TPG (s)		U A
Beijing Jinjing Wisdom Co., Ltd ; Beijing, China						Cardinal CG ; Casa Grande, AZ					
5542	COMPOSITE	5/32	4.0 TTG		U A	2878	COMP+CAN	1/8	3.0 TTG		U A
5543	COMPOSITE	3/16	5.0 TTG		U A	2879	COMP+CAN	5/32	4.0 TTG		U A
5544	COMPOSITE	1/4	6.0 TTG		U A	2880	COMP+CAN	3/16	5.0 TTG		U A
5545	COMPOSITE	5/16	8.0 TTG		U A	2881	COMP+CAN	1/4	6.0 TTG		U A
5546	COMPOSITE	3/8	10.0 TTG		U A	4103	COMP+CAN	1/8	3.0 TPG (s)		U A
5547	COMPOSITE	1/2	12.0 TTG		U A	4104	COMP+CAN	5/32	4.0 TPG (d)		U A
5548	COMPOSITE	(H)	10-16+ LTG (b)	(.045)	U A	4105	COMP+CAN	3/16	5.0 TPG (s)		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM) (THICKNESS CLASS)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Cardinal CG ; Galt, CA						Cardinal CG ; Waxahachie, TX					
2357	COMPOSITE	1/8	3.0 TTG		U A	2699	COMP+CAN	1/8	3.0 TTG		U A
2358	COMPOSITE	5/32	4.0 TTG		U A	2700	COMP+CAN	5/32	4.0 TTG		U A
2359	COMPOSITE	3/16	5.0 TTG		U A	2701	COMP+CAN	3/16	5.0 TTG		U A
2360	COMPOSITE	1/4	6.0 TTG		U A	2702	COMP+CAN	1/4	6.0 TTG		U A
3599	COMPOSITE	1/8	3.0 TPG (s)		U A	4047	COMP+CAN	5/32	4.0 TPG (m)		U A
4347	COMPOSITE	5/32	4.0 TPG (m)		U A	2705	COMP+CAN	3/16	5.0 TPG (m)		U A
3601	COMPOSITE	3/16	5.0 TPG (m)		U A	Cardinal CT ; Adel, GA					
Cardinal CG ; Loveland, CO						5095	COMPOSITE	1/8	3.0 TTG		U A
3579	COMPOSITE	1/8	3.0 TTG		U A	5096	COMPOSITE	5/32	4.0 TTG		U A
3580	COMPOSITE	5/32	4.0 TTG		U A	5097	COMPOSITE	3/16	5.0 TTG		U A
3581	COMPOSITE	3/16	5.0 TTG		U A	5364	COMPOSITE	1/4	6.0 TTG		U A
3555	COMPOSITE	1/4	6.0 TTG		U A	5098	COMPOSITE	1/8	3.0 TPG (d)		U A
4343	COMPOSITE	1/8	3.0 TPG (s)		U A	5099	COMPOSITE	5/32	4.0 TPG (d)		U A
4344	COMPOSITE	5/32	4.0 TPG (d)		U A	5100	COMPOSITE	3/16	5.0 TPG (d)		U A
4345	COMPOSITE	3/16	5.0 TPG (m)		U A	Cardinal CT ; Easton, PA					
Cardinal CG ; Mazomanie, WI						4756	COMPOSITE	1/8	3.0 TTG		U A
4780	COMP+CAN	1/8	3.0 TTG		U A	4757	COMPOSITE	5/32	4.0 TTG		U A
4781	COMP+CAN	5/32	4.0 TTG		U A	4758	COMPOSITE	3/16	5.0 TTG		U A
5306	COMP+CAN	3/16	5.0 TTG		U A	4759	COMPOSITE	1/8	3.0 TPG (s)		U A
4783	COMP+CAN	1/4	6.0 TTG		U A	4760	COMPOSITE	5/32	4.0 TPG (d)		U A
Cardinal CG ; Moreno Valley, CA						4761	COMPOSITE	3/16	5.0 TPG (d)		U A
2293	COMP+CAN	1/8	3.0 TTG		U A	Cardinal CT ; Mount Airy, NC					
2294	COMP+CAN	5/32	4.0 TTG		U A	4578	COMPOSITE	1/8	3.0 TTG		U A
2295	COMP+CAN	3/16	5.0 TTG		U A	4579	COMPOSITE	5/32	4.0 TTG		U A
2296	COMP+CAN	1/4	6.0 TTG		U A	4580	COMPOSITE	3/16	5.0 TTG		U A
5335	COMP+CAN	1/8	3.0 TPG (s)		U A	5266	COMPOSITE	1/4	6.0 TTG		U A
5336	COMP+CAN	3/16	5.0 TPG (s)		U A	4581	COMPOSITE	1/8	3.0 TPG (s)		U A
Cardinal CG ; Northfield, MN						4742	COMPOSITE	5/32	4.0 TPG (m)		U A
1985	COMP+CAN	1/8	3.0 TTG		U A	4582	COMPOSITE	3/16	5.0 TPG (s)		U A
1986	COMP+CAN	5/32	4.0 TTG		U A	Cardinal CT ; Utica, OH					
1987	COMP+CAN	3/16	5.0 TTG		U A	4620	COMPOSITE	1/8	3.0 TTG		U A
1988	COMP+CAN	1/4	6.0 TTG		U A	4621	COMPOSITE	5/32	4.0 TTG		U A
4775	COMP+CAN	5/16	8.0 TTG		U A	4622	COMPOSITE	3/16	5.0 TTG		U A
4137	COMP+CAN	3/8	10.0 TTG		U A	5479	COMPOSITE	1/4	6.0 TTG		U A
2011	COMP+CAN	1/8	3.0 TPG (s)		U A	4623	COMPOSITE	1/8	3.0 TPG (s)		U A
2012	COMP+CAN	5/32	4.0 TPG (d)		U A	4624	COMPOSITE	5/32	4.0 TPG (s)		U A
2013	COMP+CAN	3/16	5.0 TPG (m)		U A	4625	COMPOSITE	3/16	5.0 TPG (s)		U A
Cardinal CG ; Spring Green, WI						Cardinal CT - S ; Irving TX					
2067	COMP+CAN	1/8	3.0 TTG		U A	5101	COMPOSITE	1/8	3.0 TTG		U A
2068	COMP+CAN	5/32	4.0 TTG		U A	5102	COMPOSITE	5/32	4.0 TTG		U A
2069	COMP+CAN	3/16	5.0 TTG		U A	5103	COMPOSITE	3/16	5.0 TTG		U A
2070	COMP+CAN	1/4	6.0 TTG		U A	5104	COMPOSITE	1/4	6.0 TTG		U A
5281	COMP+CAN	5/16	8.0 TTG		U A	5105	COMPOSITE	1/8	3.0 TPG (s)		U A
2071	COMP+CAN	1/8	3.0 TPG (s)		U A	5106	COMPOSITE	3/16	5.0 TPG (d)		U A
Cardinal CG ; Tumwater, WA						Cardinal CT - W ; Irving TX					
2007	COMP+CAN	1/8	3.0 TTG		U A	5245	COMPOSITE	1/8	3.0 TTG		U A
2008	COMP+CAN	5/32	4.0 TTG		U A	5246	COMPOSITE	5/32	4.0 TTG		U A
2009	COMP+CAN	3/16	5.0 TTG		U A	5247	COMPOSITE	3/16	5.0 TTG		U A
2010	COMP+CAN	1/4	6.0 TTG		U A	5248	COMPOSITE	1/4	6.0 TTG		U A
2954	COMP+CAN	1/8	3.0 TPG (s)		U A	5249	COMPOSITE	1/8	3.0 TPG (s)		U A
2955	COMP+CAN	5/32	4.0 TPG (d)		U A	5250	COMPOSITE	3/16	5.0 TPG (d)		U A
2956	COMP+CAN	3/16	5.0 TPG (m)		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal FG ; Durant, OK						Cardinal IG ; Spring Green, WI					
2909	COMP+CAN	1/8	3.0 TTG		U A	1831	COMP+CAN	1/8	3.0 TTG		U A
2910	COMP+CAN	5/32	4.0 TTG		U A	1832	COMP+CAN	5/32	4.0 TTG		U A
2911	COMP+CAN	3/16	5.0 TTG		U A	1833	COMP+CAN	3/16	5.0 TTG		U A
2912	COMP+CAN	1/4	6.0 TTG		U A	1834	COMP+CAN	1/4	6.0 TTG		U A
Cardinal IG ; Fargo, ND						1844	COMP+CAN	1/8	3.0 TPG (s)		U A
2235	COMP+CAN	1/8	3.0 TTG		U A	1845	COMP+CAN	5/32	4.0 TPG (m)		U A
2234	COMP+CAN	5/32	4.0 TTG		U A	1846	COMP+CAN	3/16	5.0 TPG (s)		U A
2233	COMP+CAN	3/16	5.0 TTG		U A	Cardinal IG ; Tomah, WI					
2232	COMP+CAN	1/4	6.0 TTG		U A	2317	COMP+CAN	1/8	3.0 TTG		U A
2231	COMP+CAN	1/8	3.0 TPG (s)		U A	2318	COMP+CAN	5/32	4.0 TTG		U A
2285	COMP+CAN	5/32	4.0 TPG (m)		U A	2319	COMP+CAN	3/16	5.0 TTG		U A
2286	COMP+CAN	3/16	5.0 TPG (s)		U A	2320	COMP+CAN	1/4	6.0 TTG		U A
Cardinal IG ; Fremont, IN						2321	COMP+CAN	1/8	3.0 TPG (m)		U A
2176	COMP+CAN	1/8	3.0 TTG		U A	2322	COMP+CAN	5/32	4.0 TPG (d)		U A
2177	COMP+CAN	5/32	4.0 TTG		U A	2323	COMP+CAN	3/16	5.0 TPG (d)		U A
2178	COMP+CAN	3/16	5.0 TTG		U A	Cardinal IG ; Vinton, VA					
2179	COMP+CAN	1/4	6.0 TTG		U A	2919	COMP+CAN	1/8	3.0 TTG		U A
2203	COMP+CAN	1/8	3.0 TPG (s)		U A	2920	COMP+CAN	5/32	4.0 TTG		U A
2204	COMP+CAN	5/32	4.0 TPG (d)		U A	2921	COMP+CAN	3/16	5.0 TTG		U A
2205	COMP+CAN	3/16	5.0 TPG (s)		U A	2922	COMP+CAN	1/4	6.0 TTG		U A
Cardinal IG ; Greenfield, IA						2923	COMP+CAN	1/8	3.0 TPG (s)		U A
1827	COMP+CAN	1/8	3.0 TTG		U A	2924	COMP+CAN	5/32	4.0 TPG (d)		U A
1828	COMP+CAN	5/32	4.0 TTG		U A	3619	COMP+CAN	3/16	5.0 TPG (s)		U A
1829	COMP+CAN	3/16	5.0 TTG		U A	Cardinal IG ; Waxahachie, TX					
1830	COMP+CAN	1/4	6.0 TTG		U A	2328	COMP+CAN	1/8	3.0 TTG		U A
5435	COMP+CAN	5/16	8.0 TTG		U A	2329	COMP+CAN	5/32	4.0 TTG		U A
1841	COMP+CAN	1/8	3.0 TPG (s)		U A	2330	COMP+CAN	3/16	5.0 TTG		U A
1842	COMP+CAN	5/32	4.0 TPG (d)		U A	2331	COMP+CAN	1/4	6.0 TTG		U A
1843	COMP+CAN	3/16	5.0 TPG (s)		U A	2397	COMP+CAN	1/8	3.0 TPG (m)		U A
Cardinal IG ; Hood River, OR						4091	COMP+CAN	5/32	4.0 TPG (d)		U A
2831	COMP+CAN	1/8	3.0 TTG		U A	2399	COMP+CAN	3/16	5.0 TPG (m)		U A
2858	COMP+CAN	5/32	4.0 TTG		U A	Cardinal LG ; Amery, WI					
2833	COMP+CAN	3/16	5.0 TTG		U A	5193	COMP+CAN	3/16	5.0 TTG		U A
2834	COMP+CAN	1/4	6.0 TTG		U A	4841	COMP+CAN	1/4	6.0 TTG		U A
2857	COMP+CAN	1/8	3.0 TPG (s)		U A	4842	COMP+CAN	5/16	8.0 TTG		U A
4836	COMP+CAN	5/32	4.0 TPG (d)		U A	4843	COMP+CAN	3/8	10.0 TTG		U A
2859	COMP+CAN	3/16	5.0 TPG (m)		U A	4844	COMP+CAN	1/2	12.0 TTG		U A
Cardinal IG ; Los Angeles, CA						2976	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A
5085	COMPOSITE	1/8	3.0 TTG		U A	4350	COMP+CAN	(S)	5-6 LTG (ip)(A)	(.035)	U A
5086	COMPOSITE	5/32	4.0 TTG		U A	4120	COMP+CAN	(S)	5 LTG (b)(A)	(.015)(C1)	U B
5087	COMPOSITE	3/16	5.0 TTG		U A	2462	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
5088	COMPOSITE	1/8	3.0 TPG (s)		U A	4351	COMP+CAN	(H)	8-12 LTG (ip)(A)	(.035)	U A
5089	COMPOSITE	3/16	5.0 TPG (m)		U A	Cardinal LG ; Ocala, FL					
Cardinal IG ; Mountain Top, PA						3505	COMPOSITE	1/8	3.0 TTG		U A
3068	COMP+CAN	1/8	3.0 TTG		U A	3506	COMPOSITE	5/32	4.0 TTG		U A
3069	COMP+CAN	5/32	4.0 TTG		U A	3507	COMPOSITE	3/16	5.0 TTG		U A
3070	COMP+CAN	3/16	5.0 TTG		U A	3508	COMPOSITE	1/4	6.0 TTG		U A
3071	COMP+CAN	1/4	6.0 TTG		U A	4584	COMPOSITE	1/8	3.0 TPG (m)		U A
3073	COMP+CAN	1/8	3.0 TPG (s)		U A	4587	COMPOSITE	1/4	6.0 TPG (s)		U A
3115	COMP+CAN	5/32	4.0 TPG (s)		U A	4361	COMPOSITE	(S)	5-6 LTG (ip)(A)	(.035)	U A
3072	COMP+CAN	3/16	5.0 TPG (m)		U A	3509	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
						4362	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.035)	U A
						3510	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Cardinal LG Northeast ; Jessup, PA						Classy Glass Specialties Co., Ltd ; Dongguan, Guangdong					
5224	COMP+CAN	(S)	5-6 LTG (b)(A)	(.030)	U A	5159	COMPOSITE	1/4	6.0 TTG		U A
5225	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A	5160	COMPOSITE	5/16	8.0 TTG		U A
Cardinal Tempering ; Louisville, KY						5161	COMPOSITE	3/8	10.0 TTG		U A
3871	COMPOSITE	5/32	4.0 TTG		U A	5162	COMPOSITE	1/2	12.0 TTG		U A
3872	COMPOSITE	3/16	5.0 TTG		U A	5163	COMPOSITE	*	15.0 TTG (4)		U A
3873	COMPOSITE	1/4	6.0 TTG		U A	5164	COMPOSITE	3/4	19.0 TTG		U A
3874	COMPOSITE	3/8	10.0 TTG		U A	5169	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
3875	COMPOSITE	1/2	12.0 TTG		U A	5170	COMPOSITE	(H)	25+ LTG (b)(A)	(.060)	U A
Cardinal TG ; Chehalis, WA						ClearEdge Glass ; Baton Rouge, LA					
3455	COMP+CAN	1/8	3.0 TTG		U A	5308	COMPOSITE	1/8	3.0 TTG		U A
3456	COMP+CAN	5/32	4.0 TTG		U A	5310	COMPOSITE	3/16	5.0 TTG		U A
3458	COMP+CAN	3/16	5.0 TTG		U A	5311	COMPOSITE	1/4	6.0 TTG		U A
3459	COMP+CAN	1/4	6.0 TTG		U A	5313	COMPOSITE	3/8	10.0 TTG		U A
Cardinal TG ; Tomah, WI						5314	COMPOSITE	1/2	12.0 TTG		U A
1804	COMP+CAN	1/8	3.0 TTG		U A	5330	COMPOSITE	5/32	4.0 TPG (d)		U A
1805	COMP+CAN	5/32	4.0 TTG		U A	5331	COMPOSITE	3/16	5.0 TPG (s)		U A
1806	COMP+CAN	3/16	5.0 TTG		U A	Cleer Vision Tempered Glass ; Elkhart, IN					
1807	COMP+CAN	1/4	6.0 TTG		U A	4546	COMPOSITE	1/8	3.0 TTG		U A
4881	COMP+CAN	5/16	8.0 TTG		U A	4547	COMPOSITE	5/32	4.0 TTG		U A
Changshu Hard Glass Co., Ltd. ; Changshu, Jiangsu, China						Columbia Commercial Bldg Prod. ; Rockwall, TX					
2904	COMPOSITE	1/8	3.0 TTG		U A	4921	COMP+CAN	1/4	6.0 TTG		U A
2987	COMPOSITE	5/32	4.0 TTG		U A	Commercial Insulating Glass Co. ; Cumberland City, TN					
2988	COMPOSITE	3/16	5.0 TTG		U A	3806	COMPOSITE	1/8	3.0 TTG		U A
Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu, China						3807	COMPOSITE	3/16	5.0 TTG		U A
5351	COMPOSITE	1/8	3.0 TTG		U A	3808	COMPOSITE	1/4	6.0 TTG		U A
5352	COMPOSITE	5/32	4.0 TTG		U A	Commercial Insulating Glass Co. ; Sarasota, FL					
5353	COMPOSITE	3/16	5.0 TTG		U A	1889	COMPOSITE	1/8	3.0 TTG	30x76 A	
5354	COMPOSITE	1/4	6.0 TTG		U A	1890	COMPOSITE	3/16	5.0 TTG	30x76 A	
Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu, China						1891	COMPOSITE	1/4	6.0 TTG	30x76 A	
4657	COMPOSITE	1/8	3.0 TTG		U A	Consolidated Armor Products, LLC ; Addison, TX					
5151	COMPOSITE	5/16	8.0 TTG		U A	5418	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
5152	COMPOSITE	3/8	10.0 TTG		U A	5419	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
Changshu Zhongxin Bldg. Mat. Co. ; Changshu City, China						Consolidated Glass Corp. ; New Castle, PA					
2432	COMP+CAN	1/8	3.0 TTG		U A	1998	COMPOSITE	1/8	3.0 TTG		U A
4363	COMP+CAN	(H)	8 LTG (b)(A)	(.090)	U A	1999	COMPOSITE	5/32	4.0 TTG		U A
Changshu Zhouxing Glass Co. Ltd. ; Changshu, Jiangsu Province, China						2005	COMPOSITE	3/16	5.0 TTG		U A
4936	COMPOSITE	1/8	3.0 TTG		U A	2002	COMPOSITE	1/4	6.0 TTG		U A
Chicago Tempered Glass, Inc. ; Chicago, IL						3635	COMPOSITE	5/16	8.0 TTG		U A
3086	COMPOSITE	5/32	4.0 TTG		U A	2003	COMPOSITE	3/8	10.0 TTG		U A
3087	COMPOSITE	3/16	5.0 TTG		U A	2004	COMPOSITE	1/2	12.0 TTG		U A
3088	COMPOSITE	1/4	6.0 TTG		U A	2355	COMPOSITE	5/32	4.0 TPG (m)		U A
3089	COMPOSITE	3/8	10.0 TTG		U A	2354	COMPOSITE	3/16	5.0 TPG (m)		U A
3090	COMPOSITE	1/2	12.0 TTG		U A	4714	COMPOSITE	1/4	6.0 TPG (m)		U A
Clarus Glassboards ; Fort Worth, TX						4785	COMPOSITE	3/8	10.0 TPG (s)		U A
5528	COMPOSITE	1/4	6.0 TTG		U A	Contour Industries, Inc. ; Surgoinville, TN					
						1680	COMP+CAN	1/8	3.0 TTG		U A
						4285	COMP+CAN	5/32	4.0 TTG		U A
						1678	COMP+CAN	3/16	5.0 TTG		U A
						1677	COMP+CAN	1/4	6.0 TTG		U A
						4701	COMP+CAN	5/16	8.0 TTG		U A
						4702	COMP+CAN	3/8	10.0 TTG		U A
						4703	COMP+CAN	1/8	3.0 TPG (s)		U A
						4704	COMP+CAN	5/32	4.0 TPG (s)		U A
						4705	COMP+CAN	3/16	5.0 TPG (s)		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
Contract Glass ; Wilmington, MA						Denver Glass Interiors, Inc. ; Englewood, CO					
4970	COMPOSITE	1/8	3.0 TTG		U A	3865	COMPOSITE	3/16	5.0 TTG		U A
4971	COMPOSITE	5/32	4.0 TTG		U A	3866	COMPOSITE	1/4	6.0 TTG		U A
4972	COMPOSITE	3/16	5.0 TTG		U A	3867	COMPOSITE	3/8	10.0 TTG		U A
4973	COMPOSITE	1/4	6.0 TTG		U A	3868	COMPOSITE	1/2	12.0 TTG		U A
4974	COMPOSITE	3/8	10.0 TTG		U A	4507	COMPOSITE	1/4	6.0 TPG (m)		U A
4975	COMPOSITE	1/2	12.0 TTG		U A	4508	COMPOSITE	3/8	10.0 TPG (s)		U A
Contractors Wardrobe ; Valencia, CA						Deqing Sanxing Plastic Chemical Co. Ltd. ; Huzhou, Zhejiang, China					
3464	COMP+CAN	1/8	3.0 TTG		U A	4055	COMPOSITE	1/8	3.0 TTG		U A
3465	COMP+CAN	5/32	4.0 TTG		U A	4056	COMPOSITE	5/32	4.0 TTG		U A
3466	COMP+CAN	3/16	5.0 TTG		U A	4057	COMPOSITE	3/16	5.0 TTG		U A
3467	COMP+CAN	1/4	6.0 TTG		U A	4146	COMPOSITE	1/4	6.0 TTG		U A
3468	COMP+CAN	5/16	8.0 TTG		U A	4147	COMPOSITE	3/8	10.0 TTG		U A
3469	COMP+CAN	3/8	10.0 TTG		U A	Diamond Sea Glaze ; Langley, BC Canada					
3470	COMP+CAN	1/2	12.0 TTG		U A	4499	COMPOSITE	5/32	4.0 TTG		U A
3472	COMP+CAN	3/4	19.0 TTG		U A	4500	COMPOSITE	3/16	5.0 TTG		U A
3473	COMP+CAN	1/8	3.0 TPG (m)		U A	4501	COMPOSITE	1/4	6.0 TTG		U A
3474	COMP+CAN	5/32	4.0 TPG (d)		U A	4502	COMPOSITE	5/16	8.0 TTG		U A
3475	COMP+CAN	3/16	5.0 TPG (d)		U A	4503	COMPOSITE	3/8	10.0 TTG		U A
3476	COMP+CAN	1/4	6.0 TPG (m)		U A	4504	COMPOSITE	1/2	12.0 TTG		U A
3477	COMP+CAN	3/8	10.0 TPG (s)		U A	4505	COMPOSITE	*	15.0 TTG (3)		U A
Coral Industries Glass Division ; Tuscaloosa, AL						4506	COMPOSITE	3/4	19.0 TTG		U A
3420	COMPOSITE	1/8	3.0 TTG		U A	Dillmeier Enterprise, Inc. ; Van Buren, AR					
1910	COMPOSITE	3/16	5.0 TTG		U A	4838	COMPOSITE	1/8	3.0 TTG		U A
1911	COMPOSITE	1/4	6.0 TTG		U A	3912	COMPOSITE	3/16	5.0 TTG		U A
2144	COMPOSITE	3/8	10.0 TTG		U A	3913	COMPOSITE	1/4	6.0 TTG		U A
2145	COMPOSITE	1/2	12.0 TTG		U A	4839	COMPOSITE	5/16	8.0 TTG		U A
2644	COMPOSITE	3/4	19.0 TTG		U A	3914	COMPOSITE	3/8	10.0 TTG		U A
1964	COMPOSITE	3/16	5.0 TPG (d)		U A	3915	COMPOSITE	1/2	12.0 TTG		U A
2944	COMPOSITE	1/4	6.0 TPG (d)		U A	3916	COMPOSITE	5/8	16.0 TTG		U A
2945	COMPOSITE	3/8	10.0 TPG (d)		U A	3917	COMPOSITE	3/4	19.0 TTG		U A
3817	COMPOSITE	1/2	12.0 TPG (m)		U A	Dlubak Corporation ; Blairsville, PA					
Custom Glass Products Inc. ; Weston, WI						3017	COMPOSITE	1/4	6.0 TTG		U A
4002	COMPOSITE	1/4	6.0 TTG		U A	3018	COMPOSITE	1/2	12.0 TTG		U A
Custom Glass Solutions Millbury Corp. ; Millbury, OH						3019	COMPOSITE	3/4	19.0 TTG		U A
1575	COMPOSITE	5/32	4.0 TTG		U A	Dolphin Glass Specialists, LLC ; Hialeah, FL					
1576	COMPOSITE	3/16	5.0 TTG		U A	4729	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
1577	COMPOSITE	1/4	6.0 TTG		U A	Dongguan CSG Architectural Glass Co., Ltd. ; Dongguan, Guangdong, China					
D3 Glass, LLC ; Fort Myers, FL						3932	COMP+CAN	5/32	4.0 TTG		U A
4834	COMPOSITE	3/16	5.0 TTG		U A	3933	COMP+CAN	3/16	5.0 TTG		U A
4795	COMPOSITE	1/4	6.0 TTG		U A	3934	COMP+CAN	1/4	6.0 TTG		U A
4792	COMPOSITE	3/8	10.0 TTG		U A	3935	COMP+CAN	5/16	8.0 TTG		U A
4793	COMPOSITE	1/2	12.0 TTG		U A	3936	COMP+CAN	3/8	10.0 TTG		U A
4791	COMPOSITE	3/8	10.0 TPG (m)		U A	3937	COMP+CAN	*	12.0 TTG (3)		U A
Dalian Huaying Glass Limited Liability Co. ; Liaoning, China						3938	COMP+CAN	*	15.0 TTG (3)		U A
5260	COMPOSITE	1/8	3.0 TTG		U A	3939	COMP+CAN	3/4	19.0 TTG		U A
5261	COMPOSITE	3/16	5.0 TTG		U A	4167	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
Dallas Flat Glass ; Carrollton, TX						Dongguan Dongfa Glass Product Co., Ltd ; Dongguan, Guangdong, China					
4790	COMPOSITE	1/8	3.0 TTG		U A	4132	COMP+CAN	5/16	8.0 TTG		U A
4763	COMPOSITE	3/16	5.0 TTG		U A	4125	COMP+CAN	3/8	10.0 TTG		U A
3701	COMPOSITE	1/4	6.0 TTG		U A	4126	COMP+CAN	1/2	12.0 TTG		U A
4566	COMPOSITE	3/8	10.0 TTG		U A	4123	COMP+CAN	(H)	8-12 LTG (b)(A)	(.030)	U A
4567	COMPOSITE	1/2	12.0 TTG		U A	4124	COMP+CAN	(H)	16 LTG (b)(A)	(.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
Dongguan Trillion Aluminum Glass Co., Ltd ; Dongguan, Guangdong, China							Flat Glass Distributors ; Jacksonville, FL						
5028	COMPOSITE	5/32		4.0 TTG		U A	3822	COMPOSITE	1/8		3.0 TTG		U A
5029	COMPOSITE	1/4		6.0 TTG		U A	3823	COMPOSITE	3/16		5.0 TTG		U A
5030	COMPOSITE	5/32		4.0 TPG (s)		U A	3824	COMPOSITE	1/4		6.0 TTG		U A
5031	COMPOSITE	1/4		6.0 TPG (s)		U A	3825	COMPOSITE	3/8		10.0 TTG		U A
Downey Glass Industries, LLC ; Pompano Beach, FL							3826	COMPOSITE	1/2		12.0 TTG		U A
2661	COMPOSITE	3/16		5.0 TTG		U A	3828	COMPOSITE	1/8		3.0 TPG (m)		U A
2662	COMPOSITE	1/4		6.0 TTG		U A	3830	COMPOSITE	3/16		5.0 TPG (m)		U A
5554	COMPOSITE	5/16		8.0 TTG		U A	3831	COMPOSITE	1/4		6.0 TPG (s)		U A
2663	COMPOSITE	3/8		10.0 TTG		U A	4638	COMPOSITE	3/8		10.0 TPG (s)		U A
2664	COMPOSITE	1/2		12.0 TTG		U A	Foshan Gaoming Yaqi Toughened Glass ; Foshan City, Guangdong Province						
2665	COMPOSITE	3/4		19.0 TTG		U A	5491	COMPOSITE	1/4		6.0 TTG		U A
3487	COMPOSITE	3/16		5.0 TPG (s)		U A	5492	COMPOSITE	5/16		8.0 TTG		U A
4626	COMPOSITE	3/8		10.0 TPG (s)		U A	5493	COMPOSITE	3/8		10.0 TTG		U A
5121	COMPOSITE (S)			6 LTG (ip)(A)	(.035)	U A	5496	COMPOSITE	5/32		4.0 TPG (s)		U A
5122	COMPOSITE (H)			10-16+ LTG (ip)(A)	(.035)	U A	5497	COMPOSITE	1/4		6.0 TPG (s)		U A
Eckelt Glas GmbH ; Steyr, Austria							5494	COMPOSITE	1/4		6.0 TBG		U A
2850	COMPOSITE	1/4		6.0 TTG		U A	5495	COMPOSITE	5/16		8.0 TBG		U A
2851	COMPOSITE	5/16		8.0 TTG		U A	Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd. ; Foshan, Guangdong, China						
2852	COMPOSITE	3/8		10.0 TTG		U A	5388	COMPOSITE	3/16		5.0 TTG		U A
2853	COMPOSITE *			12.0 TTG (3)		U A	5389	COMPOSITE	1/4		6.0 TTG		U A
2854	COMPOSITE *			15.0 TTG (3)		U A	5390	COMPOSITE	5/16		8.0 TTG		U A
2855	COMPOSITE	3/4		19.0 TTG		U A	5391	COMPOSITE	3/8		10.0 TTG		U A
EFCO Corporation ; Monett, MO							5392	COMPOSITE	1/2		12.0 TTG		U A
4121	COMPOSITE	1/8		3.0 TTG		U A	Fujian Xihe Sanitary Ware Technology Co., Ltd ; Nan'an Fujian China						
1901	COMPOSITE	3/16		5.0 TTG		U A	5216	COMPOSITE	5/32		4.0 TTG		U A
1902	COMPOSITE	1/4		6.0 TTG		U A	5090	COMPOSITE	3/16		5.0 TTG		U A
4154	COMPOSITE	5/16		8.0 TTG		U A	5091	COMPOSITE	1/4		6.0 TTG		U A
2143	COMPOSITE	3/16		5.0 TPG (s)		U A	5092	COMPOSITE	5/16		8.0 TTG		U A
EFI ; Kernersville, NC							5217	COMPOSITE	5/32		4.0 TPG (s)		U A
5014	COMP+CAN	5/32		4.0 TTG		U A	5218	COMPOSITE	1/4		6.0 TPG (s)		U A
5208	COMP+CAN	3/16		5.0 TTG		U A	Fujiansheng Binchang Metal Products Co., Ltd ; Zhang Zhou City, Fujian, China						
5026	COMP+CAN	1/4		6.0 TTG		U A	5110	COMPOSITE	5/32		4.0 TTG		U A
5209	COMP+CAN	5/16		8.0 TTG		U A	5111	COMPOSITE	5/32		4.0 TPG (s)		U A
5210	COMP+CAN	3/8		10.0 TTG		U A	Future Architectural Glass LLC ; Ras Al Khaimah, United Arab Emirates						
5211	COMP+CAN	1/2		12.0 TTG		U A	5118	COMPOSITE (H)			10 LTG (b)(A)	(.030)	U A
Engineered Glass Products, L.L.C. ; Chicago, IL							5117	COMPOSITE (H)			12 LTG (b)(A)	(.060)	U A
4388	COMPOSITE	1/8		3.0 TTG	30x72 A		5232	COMPOSITE (H)			16+ LTG (b)(A)	(.030)	U A
2589	COMPOSITE	5/32		4.0 TTG	30x72 A		Galaxy Glass & Stone ; Fairfield, NJ						
2590	COMPOSITE	3/16		5.0 TTG	30x72 A		3661	COMPOSITE (H)			12-16+ LTG (lu)(A)(6)	(.060)	U A
2698	COMPOSITE	1/4		6.0 TTG	30x72 A		Garibaldi Glass Ind. Inc. ; Burnaby, BC						
Fairis C.A. ; Ambato, Tungurahua, Ecuador							5124	COMP+CAN	3/16		5.0 TTG		U A
4425	COMPOSITE	5/32		4.0 TTG		U A	4419	COMP+CAN	1/4		6.0 TTG		U A
4426	COMPOSITE	3/16		5.0 TTG		U A	5219	COMP+CAN	5/16		8.0 TTG		U A
4427	COMPOSITE	1/4		6.0 TTG		U A	4420	COMP+CAN	3/8		10.0 TTG		U A
4428	COMPOSITE	5/16		8.0 TTG		U A	4421	COMP+CAN	1/2		12.0 TTG		U A
4429	COMPOSITE	3/8		10.0 TTG		U A	5125	COMP+CAN *			15.0 TTG (3)		U A
4722	COMPOSITE (S)			6 LTG (b)(A)	(.030)	U A	4422	COMP+CAN	3/4		19.0 TTG		U A
4430	COMPOSITE (H)			10-12 LTG (b)(A)	(.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
General Glass ; Portland, OR							GlassFab Tempering Services Inc. ; Tracy, CA						
4031	COMPOSITE	1/8		3.0 TTG		U A	4889	COMPOSITE	3/16		5.0 TTG		U A
4032	COMPOSITE	5/32		4.0 TTG		U A	4891	COMPOSITE	1/4		6.0 TTG		U A
4033	COMPOSITE	3/16		5.0 TTG		U A	4892	COMPOSITE	3/8		10.0 TTG		U A
4034	COMPOSITE	1/4		6.0 TTG		U A	4890	COMPOSITE	1/2		12.0 TTG		U A
GGI Glass Distributors Corp. ; Secaucus, NJ							4893	COMPOSITE	3/4		19.0 TTG		U A
2928	COMPOSITE	5/32		4.0 TTG		U A	4894	COMPOSITE	1/8		3.0 TPG (s)		U A
2226	COMPOSITE	3/16		5.0 TTG		U A	5128	COMPOSITE	5/32		4.0 TPG (d)		U A
2227	COMPOSITE	1/4		6.0 TTG		U A	4895	COMPOSITE	3/16		5.0 TPG (m)		U A
4248	COMPOSITE	5/16		8.0 TTG		U A	4896	COMPOSITE	1/4		6.0 TPG (m)		U A
2282	COMPOSITE	3/8		10.0 TTG		U A	4897	COMPOSITE	3/8		10.0 TPG (s)		U A
2228	COMPOSITE	1/2		12.0 TTG		U A	4898	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
3857	COMPOSITE	5/8		16.0 TTG		U A	4899	COMPOSITE	(H)		8-12 LTG (b)(A)	(.030)	U A
3858	COMPOSITE	3/4		19.0 TTG		U A	Glasswerks LA, Inc. East ; South Gate, CA						
4774	COMPOSITE	1		25.0 TTG (IN)		U A	4804	COMPOSITE	1/8		3.0 TTG		U A
3970	COMPOSITE	5/32		4.0 TPG (s)		U A	4805	COMPOSITE	3/16		5.0 TTG		U A
3971	COMPOSITE	3/16		5.0 TPG (s)		U A	4806	COMPOSITE	1/4		6.0 TTG		U A
3972	COMPOSITE	1/4		6.0 TPG (s)		U A	Glasswerks LA, Inc. West ; South Gate CA						
3973	COMPOSITE	3/8		10.0 TPG (s)		U A	5480	COMPOSITE	5/32		4.0 TTG		U A
3974	COMPOSITE	1/2		12.0 TPG (s)		U A	5481	COMPOSITE	3/16		5.0 TTG		U A
Glas Works, Inc. ; Dania Beach, FL							5482	COMPOSITE	1/4		6.0 TTG		U A
5019	COMPOSITE	1/4		6.0 TTG		U A	Glaz-Tech Industries ; Englewood, CO						
5020	COMPOSITE	3/8		10.0 TTG		U A	2185	COMPOSITE	1/8		3.0 TTG		U A
5021	COMPOSITE	1/2		12.0 TTG		U A	2186	COMPOSITE	3/16		5.0 TTG		U A
Glass and Mirror Craft ; Wixom, MI							2187	COMPOSITE	1/4		6.0 TTG		U A
4198	COMP+CAN	1/8		3.0 TTG		U A	5143	COMPOSITE	3/8		10.0 TTG		U A
5116	COMP+CAN	5/32		4.0 TTG		U A	2189	COMPOSITE	1/2		12.0 TTG		U A
4199	COMP+CAN	3/16		5.0 TTG		U A	2190	COMPOSITE	3/4		19.0 TTG		U A
4200	COMP+CAN	1/4		6.0 TTG		U A	2193	COMPOSITE	3/16		5.0 TPG (s)		U A
4202	COMP+CAN	1/2		12.0 TTG		U A	Glenny Glass Co. ; Milford, OH						
4203	COMP+CAN	5/8		16.0 TTG		U A	3841	COMPOSITE	1/8		3.0 TTG		U A
4204	COMP+CAN	3/4		19.0 TTG		U A	3843	COMPOSITE	3/16		5.0 TTG		U A
4924	COMP+CAN	(H)		12-16+ LTG (ip)(A)	(.035)	U A	3844	COMPOSITE	1/4		6.0 TTG		U A
Glass Design of Miami, Inc. ; Miami, FL							3845	COMPOSITE	3/8		10.0 TTG		U A
3453	COMPOSITE	1/4		6.0 TTG		U A	3846	COMPOSITE	1/2		12.0 TTG		U A
3454	COMPOSITE	3/8		10.0 TTG		U A	Global Security Glazing ; Selma, AL						
3607	COMPOSITE	1/2		12.0 TTG		U A	4764	COMP+CAN	1/8		3.0 TTG		U A
5237	COMPOSITE	3/4		19.0 TTG		U A	4765	COMP+CAN	3/16		5.0 TTG		U A
Glass Dynamics, Inc. ; Stoneville, NC							4766	COMP+CAN	1/4		6.0 TTG		U A
2728	COMPOSITE	1/8		3.0 TTG		U A	4767	COMP+CAN	3/8		10.0 TTG		U A
2730	COMPOSITE	3/16		5.0 TTG		U A	4768	COMP+CAN	1/2		12.0 TTG		U A
2732	COMPOSITE	1/4		6.0 TTG		U A	4769	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
5259	COMPOSITE	5/16		8.0 TTG		U A	4770	COMP+CAN	(H)		12 LTG (b)(A)	(.060)	U A
2729	COMPOSITE	3/8		10.0 TTG		U A	Goldray Industries Ltd. ; Calgary, AB Canada						
2733	COMPOSITE	1/2		12.0 TTG		U A	2444	COMP+CAN	1/8		3.0 TTG		U A
2731	COMPOSITE	5/8		16.0 TTG		U A	2445	COMP+CAN	5/32		4.0 TTG		U A
2734	COMPOSITE	3/4		19.0 TTG		U A	2446	COMP+CAN	3/16		5.0 TTG		U A
4413	COMPOSITE	(S)		6 LTG (ip)(A)	(.035)	U A	2447	COMP+CAN	1/4		6.0 TTG		U A
4375	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	2448	COMP+CAN	3/8		10.0 TTG		U A
4414	COMPOSITE	(H)		8-16+ LTG (ip)(A)	(.035)	U A	2449	COMP+CAN	1/2		12.0 TTG		U A
4376	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A	Grand Glass Windows and Doors Inc. ; Mobile, AL						
Glass Enterprises, Inc. ; Bensalem, PA							4907	COMPOSITE	1/8		3.0 TTG		U A
4628	COMPOSITE	3/16		5.0 TTG		U A	4909	COMPOSITE	1/4		6.0 TTG		U A
4629	COMPOSITE	1/4		6.0 TTG		U A	5071	COMPOSITE	1/8		3.0 TPG (s)		U A

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MAX SIZE ANSI						MAX SIZE ANSI					
SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	CERTIFIED CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	CERTIFIED CLASS
Guangdong Golden Glass Technologies ; Shantou, Guangdong, China						Guardian Industries Corp. ; Galax, VA					
3941	COMPOSITE	1/4	6.0	TTG	U A	4604	COMP+CAN	1/8	3.0	TTG	U A
3942	COMPOSITE	5/16	8.0	TTG	U A	4605	COMP+CAN	5/32	4.0	TTG	U A
3943	COMPOSITE	3/8	10.0	TTG	U A	4606	COMP+CAN	3/16	5.0	TTG	U A
3944	COMPOSITE	1/2	12.0	TTG	U A	4607	COMP+CAN	1/4	6.0	TTG	U A
3945	COMPOSITE	*	15.0	TTG (3)	U A	4608	COMP+CAN	5/16	8.0	TTG	U A
3946	COMPOSITE	3/4	19.0	TTG	U A	4609	COMP+CAN	3/8	10.0	TTG	U A
4535	COMPOSITE	7/8	22.0	TTG	U A	4610	COMP+CAN	1/2	12.0	TTG	U A
3947	COMPOSITE	(H)	10-16+	LTG (b)(A)	(.030) U A	4611	COMP+CAN	3/4	19.0	TTG (IN)	U A
4723	COMPOSITE	(H)	16+	LTG (ip)(A)	(.015) U B	4612	COMP+CAN	1/8	3.0	TPG (s)	U A
Guardian Fabrication Inc. ; Webster, MA						4613	COMP+CAN	3/16	5.0	TPG (m)	U A
300	COMPOSITE	1/8	3.0	TTG	U A	4627	COMP+CAN	3/8	10.0	TPG (s)	U A
1607	COMPOSITE	5/32	4.0	TTG	U A	4633	COMP+CAN	(S)	6	LTG (b)(A)	(.030) U A
1216	COMPOSITE	3/16	5.0	TTG	U A	4800	COMP+CAN	(S)	6	LTG (b)(p)(el)(6)(A)	(.075) U A
662	COMPOSITE	1/4	6.0	TTG	U A	4658	COMP+CAN	(H)	8	LTG (b)(A)	(.030) U A
471	COMPOSITE	3/8	10.0	TTG	U A	4829	COMP+CAN	(H)	8-10	LTG (b)(p)(el)(6)(A)	(.075) U A
1235	COMPOSITE	1/2	12.0	TTG	U A	Guardian Industries Corp. ; Geneva, NY					
3604	COMPOSITE	1/8	3.0	TPG (s)	U A	2259	COMPOSITE	1/8	3.0	TTG	U A
2451	COMPOSITE	5/32	4.0	TPG (m)	U A	2260	COMPOSITE	5/32	4.0	TTG	U A
2603	COMPOSITE	3/16	5.0	TPG (m)	U A	2261	COMPOSITE	3/16	5.0	TTG	U A
3024	COMPOSITE	7/32	5.5	TPG (s)	U A	2262	COMPOSITE	1/4	6.0	TTG	U A
4656	COMPOSITE	1/4	6.0	TPG (s)	U A	3672	COMPOSITE	5/16	8.0	TTG	U A
Guardian Industries Corp. ; Carleton, MI						2519	COMPOSITE	3/8	10.0	TTG	U A
933	COMPOSITE	1/8	3.0	TTG	U A	3673	COMPOSITE	1/2	12.0	TTG	U A
934	COMPOSITE	5/32	4.0	TTG	U A	Guardian Industries Corp. ; Kingsburg, CA					
631	COMPOSITE	3/16	5.0	TTG	U A	968	COMPOSITE	1/8	3.0	TTG	U A
131	COMPOSITE	1/4	6.0	TTG	U A	969	COMPOSITE	5/32	4.0	TTG	U A
Guardian Industries Corp. ; Corsicana, TX						970	COMPOSITE	3/16	5.0	TTG	U A
1248	COMPOSITE	1/8	3.0	TTG	U A	971	COMPOSITE	1/4	6.0	TTG	U A
1249	COMPOSITE	5/32	4.0	TTG	U A	1303	COMPOSITE	1/8	3.0	TPG (d)	U A
1250	COMPOSITE	3/16	5.0	TTG	U A	1301	COMPOSITE	5/32	4.0	TPG (m)	U A
1251	COMPOSITE	1/4	6.0	TTG	U A	1304	COMPOSITE	3/16	5.0	TPG (m)	U A
1826	COMPOSITE	5/16	8.0	TTG	U A	1882	COMPOSITE	1/4	6.0	TPG (m)	U A
1253	COMPOSITE	3/8	10.0	TTG	U A	Guardian Industries Corp. ; Richburg, SC					
1803	COMPOSITE	1/2	12.0	TTG	U A	1630	COMPOSITE	1/8	3.0	TTG	U A
2458	COMPOSITE	1/8	3.0	TPG (m)	U A	1631	COMPOSITE	5/32	4.0	TTG	U A
2459	COMPOSITE	5/32	4.0	TPG (m)	U A	1632	COMPOSITE	3/16	5.0	TTG	U A
2460	COMPOSITE	3/16	5.0	TPG (m)	U A	1633	COMPOSITE	1/4	6.0	TTG	U A
5142	COMPOSITE	1/4	6.0	TPG (m)	U A	2382	COMPOSITE	5/16	8.0	TTG	U A
5133	COMPOSITE	3/8	10.0	TPG (m)	U A	1634	COMPOSITE	3/8	10.0	TTG	U A
Guardian Industries Corp. ; DeWitt, IA						1683	COMPOSITE	1/8	3.0	TPG (m)	U A
2020	COMPOSITE	1/8	3.0	TTG	U A	1635	COMPOSITE	5/32	4.0	TPG (m)	U A
2021	COMPOSITE	5/32	4.0	TTG	U A	1865	COMPOSITE	3/16	5.0	TPG (m)	U A
2022	COMPOSITE	3/16	5.0	TTG	U A	3002	COMPOSITE	1/4	6.0	TPG (m)	U A
2023	COMPOSITE	1/4	6.0	TTG	U A	3003	COMPOSITE	3/8	10.0	TPG (m)	U A
2024	COMPOSITE	5/16	8.0	TTG	U A	Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates					
2545	COMPOSITE	3/8	10.0	TTG	U A	4796	COMPOSITE	1/4	6.0	TTG	U A
2649	COMPOSITE	1/2	12.0	TTG	U A	4797	COMPOSITE	3/8	10.0	TTG	U A
						4798	COMPOSITE	*	12.0	TTG (7)	U A
						4799	COMPOSITE	(H)	8	LTG (b)(A)	(.030) U A
						Hartung Glass Industries ; Wilsonville, OR					
						4686	COMPOSITE	3/8	10.0	TTG	U A
						4631	COMPOSITE	3/4	19.0	TTG	U A
						Hartung Glass Industries Lami ; Langley, BC Canada					
						4431	COMPOSITE	(H)	16+	LTG (ip)(A)	(.070) U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Industrial Tempering Glass ; Brooklyn, NY						Jiangmen SYP Engineering Glass ; Jiangmen, Guangdong, China					
3418	COMPOSITE	3/8	10.0 TTG		U A	4303	COMP+CAN	5/32	4.0 TTG		U A
3419	COMPOSITE	1/2	12.0 TTG		U A	4304	COMP+CAN	3/16	5.0 TTG		U A
4240	COMPOSITE	3/4	19.0 TTG		U A	4305	COMP+CAN	1/4	6.0 TTG		U A
Inkan Ltd ; Brampton, ON						4306	COMP+CAN	5/16	8.0 TTG		U A
5135	COMP+CAN	1/4	6.0 TTG		U A	4307	COMP+CAN	3/8	10.0 TTG		U A
5136	COMP+CAN	5/16	8.0 TTG		U A	4308	COMP+CAN	1/2	12.0 TTG		U A
5137	COMP+CAN	3/8	10.0 TTG		U A	4309	COMP+CAN	*	15.0 TTG (3)		U A
5138	COMP+CAN	1/2	12.0 TTG		U A	4310	COMP+CAN	3/4	19.0 TTG		U A
5139	COMP+CAN	5/8	16.0 TTG		U A	5052	COMP+CAN	1/4	6.0 TBG		U A
5140	COMP+CAN	3/4	19.0 TTG		U A	5053	COMP+CAN	5/16	8.0 TBG		U A
Innovative Glass of America, Inc. ; Dallas, NC						5054	COMP+CAN	3/8	10.0 TBG		U A
3859	COMPOSITE	1/8	3.0 TTG		U A	5055	COMP+CAN	1/2	12.0 TBG		U A
3860	COMPOSITE	5/32	4.0 TTG		U A	4312	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3861	COMPOSITE	3/16	5.0 TTG		U A	4575	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.060)	U A
3862	COMPOSITE	1/4	6.0 TTG		U A	Jiaxing FOCA Sanitaryware Co., Ltd. ; Jiaxing, Zhejiang					
3863	COMPOSITE	3/8	10.0 TTG		U A	5601	COMPOSITE	5/16	8.0 TTG		U A
3864	COMPOSITE	1/2	12.0 TTG		U A	5602	COMPOSITE	3/8	10.0 TTG		U A
Insulite Glass Co., Inc. ; Olathe, KS						5603	COMPOSITE	3/16	5.0 TPG (s)		U A
4473	COMPOSITE	1/8	3.0 TTG		U A	Jiaxing Joinbath Corporation ; Jiaxing, Zhejiang, China					
4474	COMPOSITE	5/32	4.0 TTG		U A	5195	COMPOSITE	5/32	4.0 TTG		U A
3714	COMPOSITE	3/16	5.0 TTG		U A	5196	COMPOSITE	1/4	6.0 TTG		U A
3715	COMPOSITE	1/4	6.0 TTG		U A	5146	COMPOSITE	5/32	4.0 TPG (m)		U A
3716	COMPOSITE	3/8	10.0 TTG		U A	5198	COMPOSITE	1/4	6.0 TPG (m)		U A
3717	COMPOSITE	1/2	12.0 TTG		U A	5370	COMPOSITE	5/32	4.0 TBG		U A
3718	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	4828	COMPOSITE	3/16	5.0 TBG		U A
3720	COMPOSITE	(H)	8 LTG (b)(A)	(.060)	U A	4389	COMPOSITE	1/4	6.0 TBG		U A
5513	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A	Jin Yao Chang Tempered Glass Co., Ltd ; Guangdong					
Integral Seal Mfg. Inc. ; Concord, ON Canada						5489	COMPOSITE	1/8	3.0 TTG		U A
4682	COMP+CAN	5/32	4.0 TTG		U A	5292	COMPOSITE	5/32	4.0 TTG		U A
4683	COMP+CAN	3/16	5.0 TTG		U A	5293	COMPOSITE	3/16	5.0 TTG		U A
4684	COMP+CAN	1/4	6.0 TTG		U A	5600	COMPOSITE	1/4	6.0 TTG		U A
Interglass Corp ; Miami, FL						5294	COMPOSITE	5/16	8.0 TTG		U A
5032	COMPOSITE	3/16	5.0 TTG		U A	JM Glass ; Hayward, CA					
5033	COMPOSITE	1/4	6.0 TTG		U A	4928	COMPOSITE	3/16	5.0 TTG		U A
5034	COMPOSITE	3/8	10.0 TTG		U A	4929	COMPOSITE	1/4	6.0 TTG		U A
5035	COMPOSITE	1/2	12.0 TTG		U A	4930	COMPOSITE	3/8	10.0 TTG		U A
5036	COMPOSITE	3/4	19.0 TTG		U A	4931	COMPOSITE	1/2	12.0 TTG		U A
5119	COMPOSITE	3/16	5.0 TPG (s)		U A	JYC Glass Co. Ltd. ; Foshan, Guangdong, China					
5027	COMPOSITE	3/8	10.0 TPG (s)		U A	3957	COMPOSITE	1/8	3.0 TTG		U A
Intex Glass (Xiamen) Co., Ltd. ; Xiamen, Fujian, China						3958	COMPOSITE	5/32	4.0 TTG		U A
2572	COMP+CAN	1/8	3.0 TTG		U A	3959	COMPOSITE	3/16	5.0 TTG		U A
2573	COMP+CAN	5/32	4.0 TTG		U A	3960	COMPOSITE	1/4	6.0 TTG		U A
2574	COMP+CAN	3/16	5.0 TTG		U A	3961	COMPOSITE	5/16	8.0 TTG		U A
2575	COMP+CAN	1/4	6.0 TTG		U A	3962	COMPOSITE	3/8	10.0 TTG		U A
3025	COMP+CAN	5/16	8.0 TTG		U A	3963	COMPOSITE	1/2	12.0 TTG		U A
2576	COMP+CAN	3/8	10.0 TTG		U A	4161	COMPOSITE	5/32	4.0 TPG (m)		U A
2577	COMP+CAN	1/2	12.0 TTG		U A	4162	COMPOSITE	3/16	5.0 TPG (m)		U A
Intigral ; Walton Hills, OH						4163	COMPOSITE	1/4	6.0 TPG (s)		U A
2050	COMP+CAN	1/8	3.0 TTG		U A	4165	COMPOSITE	3/16	5.0 TBP (m)		U A
2051	COMP+CAN	5/32	4.0 TTG		U A	4166	COMPOSITE	1/4	6.0 TBP (s)		U A
2052	COMP+CAN	3/16	5.0 TTG		U A	3991	COMPOSITE	5/32	4.0 TBG		U A
2055	COMP+CAN	1/4	6.0 TTG		U A	3992	COMPOSITE	3/16	5.0 TBG		U A
3631	COMP+CAN	1/8	3.0 TPG (m)		U A	3993	COMPOSITE	1/4	6.0 TBG		U A
4588	COMP+CAN	5/32	4.0 TPG (m)		U A	3994	COMPOSITE	5/16	8.0 TBG		U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Kawneer - (Cranberry) a division of Alcoa ; Cranberry Township, PA						McGrory Glass ; Paulsboro, NJ					
2488	COMPOSITE	1/8	3.0 TTG		U A	4925	COMPOSITE	3/16	5.0 TTG		U A
2489	COMPOSITE	3/16	5.0 TTG		U A	4813	COMPOSITE	1/4	6.0 TTG		U A
2490	COMPOSITE	1/4	6.0 TTG		U A	4814	COMPOSITE	3/8	10.0 TTG		U A
2678	COMPOSITE	5/16	8.0 TTG		U A	4815	COMPOSITE	1/2	12.0 TTG		U A
4394	COMPOSITE	1/8	3.0 TPG (s)		U A	4816	COMPOSITE	5/8	16.0 TTG		U A
4395	COMPOSITE	3/16	5.0 TPG (s)		U A	4817	COMPOSITE	3/4	19.0 TTG		U A
5369	COMPOSITE	(s)	6 LTG (b)(A)	(.035)	U A	4818	COMPOSITE	1/4	6.0 TPG (s)		U A
2715	COMPOSITE	(H)	8 & 12 LTG (b)(A)	(.060)	U A	4819	COMPOSITE	3/8	10.0 TPG (s)		U A
2748	COMPOSITE	(H)	8-12 LTG (ip)(A)	(.090)	U A	4820	COMPOSITE	1/2	12.0 TPG (s)		U A
2716	COMPOSITE	(H)	10 LTG (b)(A)	(.030)	U A	5263	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A
2719	COMPOSITE	(H)	12 LTG (b)(A)	(.090)	U A	Mega Tempering ; Brooklyn, NY					
Kibing Special Glass Zhangzhou Co., Ltd. ; Zhangzhou, Fujian						4299	COMPOSITE	1/4	6.0 TTG		U A
5377	COMPOSITE	5/32	4.0 TTG		U A	4300	COMPOSITE	3/8	10.0 TTG		U A
5378	COMPOSITE	3/16	5.0 TTG		U A	4301	COMPOSITE	1/2	12.0 TTG		U A
5379	COMPOSITE	1/4	6.0 TTG		U A	Mercer Glass Fab LLC ; Trenton, NJ					
5380	COMPOSITE	5/16	8.0 TTG		U A	4254	COMPOSITE	1/4	6.0 TTG		U A
5381	COMPOSITE	3/8	10.0 TTG		U A	4530	COMPOSITE	5/16	8.0 TTG		U A
5382	COMPOSITE	1/2	12.0 TTG		U A	4255	COMPOSITE	3/8	10.0 TTG		U A
Kohler Company ; Union City, TN						4256	COMPOSITE	1/2	12.0 TTG		U A
1979	COMPOSITE	1/8	3.0 TTG		U A	4257	COMPOSITE	1/4	6.0 TPG (m)		U A
1980	COMPOSITE	5/32	4.0 TTG		U A	4258	COMPOSITE	3/8	10.0 TPG (m)		U A
1981	COMPOSITE	3/16	5.0 TTG		U A	Milgard Tempering ; Dixon, CA					
1982	COMPOSITE	1/4	6.0 TTG		U A	2842	COMPOSITE	1/4	6.0 TTG		U A
4668	COMPOSITE	5/16	8.0 TTG		U A	Multiver ; Vanier, QC					
2434	COMPOSITE	3/8	10.0 TTG		U A	2498	COMPOSITE	1/8	3.0 TTG		U A
4012	COMPOSITE	1/2	12.0 TTG		U A	2629	COMPOSITE	5/32	4.0 TTG		U A
1983	COMPOSITE	1/8	3.0 TPG (m)		U A	4524	COMPOSITE	3/16	5.0 TTG		U A
3532	COMPOSITE	5/32	4.0 TPG (m)		U A	2499	COMPOSITE	1/4	6.0 TTG		U A
1984	COMPOSITE	3/16	5.0 TPG (s)		U A	5226	COMPOSITE	5/16	8.0 TTG		U A
2918	COMPOSITE	1/4	6.0 TPG (IN)(m)		U A	5227	COMPOSITE	3/8	10.0 TTG		U A
Louisville Plate Glass Company ; Louisville, KY						5228	COMPOSITE	1/2	12.0 TTG		U A
5093	COMPOSITE	(H)	10 LTG (lu)(A)(6)	(.060)	U A	Nashville Tempered Glass Corp. ; Nashville, TN					
Luminous Glass Solutions ; Medley, FL						1416	COMP+CAN	1/8	3.0 TTG		U A
4771	COMPOSITE	1/4	6.0 TTG		U A	2497	COMP+CAN	5/32	4.0 TTG		U A
4772	COMPOSITE	3/8	10.0 TTG		U A	1467	COMP+CAN	3/16	5.0 TTG		U A
4773	COMPOSITE	1/2	12.0 TTG		U A	1417	COMP+CAN	1/4	6.0 TTG		U A
M Industria S.A. DE C.V. ; Merida, Yucatan Mexico						2494	COMP+CAN	3/8	10.0 TTG		U A
5410	COMPOSITE	1/4	6.0 TTG		U A	2420	COMP+CAN	1/8	3.0 TPG (s)		U A
5411	COMPOSITE	3/8	10.0 TTG		U A	2417	COMP+CAN	3/16	5.0 TPG (s)		U A
5412	COMPOSITE	(H)	12 LTG (b)(A)	(.035)	U A	Nashville Tempered Glass LLC ; Hendersonville, TN					
5413	COMPOSITE	(H)	12 LTG (ip)(A)	(.035)	U A	2691	COMP+CAN	5/32	4.0 TTG		U A
M/M Tempering Inc. ; Loganville, GA						2692	COMP+CAN	3/16	5.0 TTG		U A
4280	COMPOSITE	1/4	6.0 TTG		U A	2693	COMP+CAN	1/4	6.0 TTG		U A
4281	COMPOSITE	3/8	10.0 TTG		U A	2694	COMP+CAN	3/8	10.0 TTG		U A
4282	COMPOSITE	1/2	12.0 TTG		U A	4148	COMP+CAN	1/2	12.0 TTG		U A
Maryland Glass & Mirror ; Baltimore, MD						5453	COMP+CAN	5/8	16.0 TTG		U A
4318	COMPOSITE	1/8	3.0 TTG		U A	5454	COMP+CAN	3/4	19.0 TTG		U A
4319	COMPOSITE	3/16	5.0 TTG		U A	5229	COMP+CAN	(S)	6 LTG (b)(A)	(.015)	U B
4320	COMPOSITE	1/4	6.0 TTG		U A	5230	COMP+CAN	(H)	10-12 LTG (b)(A)	(.030)	U A
4321	COMPOSITE	3/8	10.0 TTG		U A	5231	COMP+CAN	(H)	12 LTG (ip)(A)	(.035)	U A
4322	COMPOSITE	1/2	12.0 TTG		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
New Angle Beveling ; Hyde, PA						Oldcastle BuildingEnvelope® ; Concord, ON					
4593	COMPOSITE	1/8	3.0 TTG		U A	3439	COMP+CAN	1/8	3.0 TTG		U A
4594	COMPOSITE	3/16	5.0 TTG		U A	3440	COMP+CAN	5/32	4.0 TTG		U A
4595	COMPOSITE	1/4	6.0 TTG		U A	3441	COMP+CAN	3/16	5.0 TTG		U A
4591	COMPOSITE	3/8	10.0 TTG		U A	3442	COMP+CAN	1/4	6.0 TTG		U A
4592	COMPOSITE	1/2	12.0 TTG		U A	3443	COMP+CAN	5/16	8.0 TTG		U A
New Century Glass & Aluminum LLC ; Woodside, NY						3444	COMP+CAN	3/8	10.0 TTG		U A
5455	COMPOSITE	3/16	5.0 TTG		U A	3445	COMP+CAN	1/2	12.0 TTG		U A
5456	COMPOSITE	1/4	6.0 TTG		U A	3446	COMP+CAN	5/8	16.0 TTG		U A
5457	COMPOSITE	3/8	10.0 TTG		U A	3447	COMP+CAN	3/4	19.0 TTG		U A
5458	COMPOSITE	1/2	12.0 TTG		U A	4424	COMP+CAN	3/16	5.0 TPG (s)		U A
Northwest Glass, Inc. ; Billings, MT						3448	COMP+CAN	3/8	10.0 TPG (s)		U A
3649	COMPOSITE	1/8	3.0 TTG		U A	Oldcastle BuildingEnvelope® ; Covington, GA					
3650	COMPOSITE	3/16	5.0 TTG		U A	3329	COMP+CAN	1/8	3.0 TTG		U A
3651	COMPOSITE	1/4	6.0 TTG		U A	3330	COMP+CAN	5/32	4.0 TTG		U A
3652	COMPOSITE	3/8	10.0 TTG		U A	3331	COMP+CAN	3/16	5.0 TTG		U A
3653	COMPOSITE	1/8	3.0 TPG (s)		U A	3332	COMP+CAN	1/4	6.0 TTG		U A
3655	COMPOSITE	3/16	5.0 TPG (m)		U A	3333	COMP+CAN	3/8	10.0 TTG		U A
NY Tempering LLC ; Maspeth, NY						3334	COMP+CAN	1/2	12.0 TTG		U A
4900	COMPOSITE	3/16	5.0 TTG		U A	3335	COMP+CAN	3/4	19.0 TTG		U A
4901	COMPOSITE	1/4	6.0 TTG		U A	3336	COMP+CAN	1/8	3.0 TPG (s)		U A
4902	COMPOSITE	3/8	10.0 TTG		U U	3337	COMP+CAN	5/32	4.0 TPG (s)		U A
4903	COMPOSITE	1/2	12.0 TTG		U A	3338	COMP+CAN	3/16	5.0 TPG (m)		U A
Oldcastle BuildingEnvelope® ; Albertville, MN						3339	COMP+CAN	1/4	6.0 TPG (m)		U A
3104	COMP+CAN	1/8	3.0 TTG		U A	3340	COMP+CAN	3/8	10.0 TPG (s)		U A
3105	COMP+CAN	5/32	4.0 TTG		U A	4391	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3106	COMP+CAN	3/16	5.0 TTG		U A	4392	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A
3107	COMP+CAN	1/4	6.0 TTG		U A	4393	COMP+CAN	(H)	10-12 LTG (ip)(A)	(.035)	U A
4882	COMP+CAN	5/16	8.0 TTG		U A	Oldcastle BuildingEnvelope® ; Denver, CO					
3108	COMP+CAN	3/8	10.0 TTG		U A	3310	COMP+CAN	1/8	3.0 TTG		U A
3109	COMP+CAN	1/2	12.0 TTG		U A	3311	COMP+CAN	5/32	4.0 TTG		U A
3110	COMP+CAN	5/8	16.0 TTG		U A	3312	COMP+CAN	3/16	5.0 TTG		U A
3111	COMP+CAN	3/4	19.0 TTG		U A	3313	COMP+CAN	1/4	6.0 TTG		U A
3112	COMP+CAN	5/32	4.0 TPG (s)		U A	3314	COMP+CAN	3/8	10.0 TTG		U A
3113	COMP+CAN	3/16	5.0 TPG (s)		U A	3315	COMP+CAN	1/2	12.0 TTG		U A
3561	COMP+CAN	1/4	6.0 TPG (s)		U A	3317	COMP+CAN	1/8	3.0 TPG (s)		U A
3127	COMP+CAN	3/8	10.0 TPG (m)		U A	3318	COMP+CAN	5/32	4.0 TPG (d)		U A
Oldcastle BuildingEnvelope® ; Calgary, AB						3319	COMP+CAN	3/16	5.0 TPG (m)		U A
3263	COMP+CAN	1/8	3.0 TTG		U A	3320	COMP+CAN	1/4	6.0 TPG (s)		U A
3264	COMP+CAN	5/32	4.0 TTG		U A	3321	COMP+CAN	3/8	10.0 TPG (s)		U A
3265	COMP+CAN	3/16	5.0 TTG		U A	4455	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
3266	COMP+CAN	1/4	6.0 TTG		U A	4533	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
3267	COMP+CAN	5/16	8.0 TTG		U A	4456	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.035)	U A
3268	COMP+CAN	3/8	10.0 TTG		U A	4454	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
3269	COMP+CAN	1/2	12.0 TTG		U A						
3270	COMP+CAN	5/8	16.0 TTG		U A						
3271	COMP+CAN	3/4	19.0 TTG		U A						
3272	COMP+CAN	1/8	3.0 TPG (m)		U A						
3273	COMP+CAN	5/32	4.0 TPG (d)		U A						
3274	COMP+CAN	3/16	5.0 TPG (d)		U A						
3275	COMP+CAN	1/4	6.0 TPG (m)		U A						
3262	COMP+CAN	3/8	10.0 TPG (d)		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Oldcastle BuildingEnvelope® ; Fremont, CA						Oldcastle BuildingEnvelope® ; Indianapolis, IN					
3191	COMP+CAN	1/8	3.0 TTG		U A	2210	COMP+CAN	1/8	3.0 TTG		U A
3192	COMP+CAN	5/32	4.0 TTG		U A	2216	COMP+CAN	5/32	4.0 TTG		U A
3193	COMP+CAN	3/16	5.0 TTG		U A	2211	COMP+CAN	3/16	5.0 TTG		U A
3194	COMP+CAN	1/4	6.0 TTG		U A	2212	COMP+CAN	1/4	6.0 TTG		U A
5387	COMP+CAN	5/16	8.0 TTG		U A	2213	COMP+CAN	3/8	10.0 TTG		U A
3195	COMP+CAN	3/8	10.0 TTG		U A	2214	COMP+CAN	1/2	12.0 TTG		U A
3196	COMP+CAN	1/2	12.0 TTG		U A	4384	COMP+CAN	1/8	3.0 TPG (s)		U A
4458	COMP+CAN	5/8	16.0 TTG		U A	2215	COMP+CAN	3/16	5.0 TPG (s)		U A
3197	COMP+CAN	3/4	19.0 TTG		U A	5442	COMP+CAN	1/4	6.0 TPG (d)		U A
3199	COMP+CAN	1/8	3.0 TPG (s)		U A	3259	COMP+CAN	3/8	10.0 TPG (s)		U A
3200	COMP+CAN	5/32	4.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Langley, BC					
3201	COMP+CAN	3/16	5.0 TPG (m)		U A	3286	COMP+CAN	1/8	3.0 TTG		U A
3907	COMP+CAN	1/4	6.0 TPG (m)		U A	3287	COMP+CAN	5/32	4.0 TTG		U A
3203	COMP+CAN	3/8	10.0 TPG (s)		U A	3288	COMP+CAN	3/16	5.0 TTG		U A
4531	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	3289	COMP+CAN	1/4	6.0 TTG		U A
4457	COMP+CAN	(S)	6 LTG (ip)(A)	(.060)	U A	3290	COMP+CAN	5/16	8.0 TTG		U A
4461	COMP+CAN	(H)	8-16+ LTG (ip)(A)	(.060)	U A	3291	COMP+CAN	3/8	10.0 TTG		U A
4460	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	3292	COMP+CAN	1/2	12.0 TTG		U A
Oldcastle BuildingEnvelope® ; Grand Prairie, TX						3293	COMP+CAN	5/8	16.0 TTG		U A
3250	COMP+CAN	1/8	3.0 TTG		U A	3294	COMP+CAN	3/4	19.0 TTG		U A
3251	COMP+CAN	5/32	4.0 TTG		U A	3295	COMP+CAN	1/8	3.0 TPG (m)		U A
3252	COMP+CAN	3/16	5.0 TTG		U A	3296	COMP+CAN	5/32	4.0 TPG (d)		U A
3253	COMP+CAN	1/4	6.0 TTG		U A	3297	COMP+CAN	3/16	5.0 TPG (d)		U A
3255	COMP+CAN	3/8	10.0 TTG		U A	4710	COMP+CAN	3/8	10.0 TPG (s)		U A
3256	COMP+CAN	1/2	12.0 TTG		U A	4475	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U B
3257	COMP+CAN	3/4	19.0 TTG		U A	5599	COMP+CAN	(S)	6 LTG (ip)(A)	(.035)	U A
3425	COMP+CAN	1/8	3.0 TPG (s)		U A	5215	COMP+CAN	(H)	8-10, 16+ LTG (ip)(A)	(.035)	U A
3426	COMP+CAN	5/32	4.0 TPG (m)		U A	4476	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U B
3427	COMP+CAN	3/16	5.0 TPG (s)		U A	Oldcastle BuildingEnvelope® ; Los Angeles, CA					
3428	COMP+CAN	3/8	10.0 TPG (s)		U A	1608	COMP+CAN	1/8	3.0 TTG		U A
5459	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	1609	COMP+CAN	5/32	4.0 TTG		U A
Oldcastle BuildingEnvelope® ; Hauppauge, NY						630	COMP+CAN	3/16	5.0 TTG		U A
1546	COMP+CAN	1/8	3.0 TTG		U A	514	COMP+CAN	1/4	6.0 TTG		U A
1547	COMP+CAN	3/16	5.0 TTG		U A	4400	COMP+CAN	5/16	8.0 TTG		U A
1548	COMP+CAN	1/4	6.0 TTG		U A	515	COMP+CAN	3/8	10.0 TTG		U A
4180	COMP+CAN	5/16	8.0 TTG		U A	516	COMP+CAN	1/2	12.0 TTG		U A
1549	COMP+CAN	3/8	10.0 TTG		U A	4387	COMP+CAN	5/8	16.0 TTG		U A
1550	COMP+CAN	1/2	12.0 TTG		U A	2074	COMP+CAN	3/4	19.0 TTG		U A
4181	COMP+CAN	5/8	16.0 TTG		U A	935	COMP+CAN	3/16	5.0 TPG (s)		U A
1551	COMP+CAN	3/4	19.0 TTG		U A	4133	COMP+CAN	1/4	6.0 TPG (s)		U A
3492	COMP+CAN	3/16	5.0 TPG (d)		U A	3793	COMP+CAN	3/8	10.0 TPG (d)		U A
3392	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	4346	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
4618	COMP+CAN	(H)	10-16+ LTG (b)(A)	(.030)	U A	4563	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
5355	COMP+CAN	(H)	12 LTG (ip)(A)	(.035)	U A	4561	COMP+CAN	(H)	10-16+ LTG (ip)(A)	(.035)	U A
Oldcastle BuildingEnvelope® ; Houston, TX											
3156	COMP+CAN	1/8	3.0 TTG		U A						
3157	COMP+CAN	5/32	4.0 TTG		U A						
3158	COMP+CAN	3/16	5.0 TTG		U A						
3159	COMP+CAN	1/4	6.0 TTG		U A						
3160	COMP+CAN	3/8	10.0 TTG		U A						
3161	COMP+CAN	1/2	12.0 TTG		U A						
3163	COMP+CAN	5/32	4.0 TPG (d)		U A						
3164	COMP+CAN	3/16	5.0 TPG (m)		U A						
3165	COMP+CAN	1/4	6.0 TPG (m)		U A						
3166	COMP+CAN	3/8	10.0 TPG (s)		U A						
4402	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A						
4401	COMP+CAN	(H)	12 LTG (ip)(A)	(.090)	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® ; Miami, FL								Oldcastle BuildingEnvelope® ; Pointe-aux-Trembles, QC								
3496	COMP+CAN	1/8	3.0	TTG		U	A	1996	COMP+CAN	1/8	3.0	TTG			U	A
3497	COMP+CAN	3/16	5.0	TTG		U	A	4247	COMP+CAN	5/32	4.0	TTG			U	A
3498	COMP+CAN	1/4	6.0	TTG		U	A	1997	COMP+CAN	3/16	5.0	TTG			U	A
3499	COMP+CAN	3/8	10.0	TTG		U	A	2543	COMP+CAN	1/4	6.0	TTG			U	A
3500	COMP+CAN	1/2	12.0	TTG		U	A	2884	COMP+CAN	5/16	8.0	TTG			U	A
3501	COMP+CAN	1/8	3.0	TPG (s)		U	A	2544	COMP+CAN	3/8	10.0	TTG			U	A
3502	COMP+CAN	3/16	5.0	TPG (m)		U	A	2062	COMP+CAN	1/2	12.0	TTG			U	A
4477	COMP+CAN	1/4	6.0	TPG (d)		U	A	2063	COMP+CAN	5/8	16.0	TTG			U	A
3503	COMP+CAN	3/8	10.0	TPG (s)		U	A	2885	COMP+CAN	3/4	19.0	TTG			U	A
4397	COMP+CAN	(S)	6 LTG	(ip)(A)	(.035)	U	A	4432	COMP+CAN	(S)	6 LTG	(ip)(A)	(.035)	U	A	
4001	COMP+CAN	(S)	6 LTG	(b)(A)	(.030)	U	A	5024	COMP+CAN	(S)	6 LTG	(b)(A)	(.015)(C1)	U	B	
4398	COMP+CAN	(H)	8-16+ LTG	(b)(A)	(.030)	U	A	5025	COMP+CAN	(S)	6 LTG	(b)(A)	(.030)	U	A	
4399	COMP+CAN	(H)	8-16+ LTG	(ip)(A)	(.035)	U	A	4435	COMP+CAN	(H)	8-16+ LTG	(b)(A)	(.030)	U	A	
Oldcastle BuildingEnvelope® ; Moorestown, NJ								4433	COMP+CAN	(H)	8-16+ LTG	(ip)(A)	(.035)	U	A	
3180	COMP+CAN	1/8	3.0	TTG		U	A	Oldcastle BuildingEnvelope® ; Rock Hill, SC								
3181	COMP+CAN	5/32	4.0	TTG		U	A	3276	COMP+CAN	1/8	3.0	TTG			U	A
3182	COMP+CAN	3/16	5.0	TTG		U	A	3462	COMP+CAN	5/32	4.0	TTG			U	A
3183	COMP+CAN	1/4	6.0	TTG		U	A	3277	COMP+CAN	3/16	5.0	TTG			U	A
3184	COMP+CAN	3/8	10.0	TTG		U	A	3278	COMP+CAN	1/4	6.0	TTG			U	A
3185	COMP+CAN	1/2	12.0	TTG		U	A	4787	COMP+CAN	5/16	8.0	TTG			U	A
4054	COMP+CAN	5/8	16.0	TTG		U	A	3279	COMP+CAN	3/8	10.0	TTG			U	A
3186	COMP+CAN	1/8	3.0	TPG (m)		U	A	3280	COMP+CAN	1/2	12.0	TTG			U	A
3187	COMP+CAN	5/32	4.0	TPG (d)		U	A	3281	COMP+CAN	1/8	3.0	TPG (s)			U	A
3188	COMP+CAN	3/16	5.0	TPG (m)		U	A	4396	COMP+CAN	5/32	4.0	TPG (d)			U	A
3189	COMP+CAN	1/4	6.0	TPG (m)		U	A	3283	COMP+CAN	3/16	5.0	TPG (d)			U	A
3190	COMP+CAN	3/8	10.0	TPG (s)		U	A	3284	COMP+CAN	1/4	6.0	TPG (d)			U	A
Oldcastle BuildingEnvelope® ; Perrysburg, OH								3285	COMP+CAN	3/8	10.0	TPG (d)			U	A
3233	COMP+CAN	1/8	3.0	TTG		U	A	Oldcastle BuildingEnvelope® ; Schofield, WI								
3234	COMP+CAN	5/32	4.0	TTG		U	A	3167	COMP+CAN	1/8	3.0	TTG			U	A
3235	COMP+CAN	3/16	5.0	TTG		U	A	3168	COMP+CAN	5/32	4.0	TTG			U	A
3236	COMP+CAN	1/4	6.0	TTG		U	A	3169	COMP+CAN	3/16	5.0	TTG			U	A
4443	COMP+CAN	5/16	8.0	TTG		U	A	3170	COMP+CAN	1/4	6.0	TTG			U	A
3237	COMP+CAN	3/8	10.0	TTG		U	A	3171	COMP+CAN	5/16	8.0	TTG			U	A
3238	COMP+CAN	1/2	12.0	TTG		U	A	3172	COMP+CAN	3/8	10.0	TTG			U	A
3239	COMP+CAN	5/8	16.0	TTG		U	A	3173	COMP+CAN	1/2	12.0	TTG			U	A
3240	COMP+CAN	3/4	19.0	TTG		U	A	3177	COMP+CAN	5/32	4.0	TPG (d)			U	A
3242	COMP+CAN	1/8	3.0	TPG (s)		U	A	3178	COMP+CAN	3/16	5.0	TPG (d)			U	A
3243	COMP+CAN	3/16	5.0	TPG (m)		U	A	3179	COMP+CAN	1/4	6.0	TPG (d)			U	A
3244	COMP+CAN	1/4	6.0	TPG (m)		U	A	3176	COMP+CAN	(S)	6 LTG	(b)(A)	(.030)	U	A	
3245	COMP+CAN	3/8	10.0	TPG (m)		U	A	4558	COMP+CAN	(H)	8-16+ LTG	(b)(A)	(.030)	U	A	
4700	COMP+CAN	(S)	6 LTG	(b)(A)	(.030)	U	A	Oldcastle BuildingEnvelope® ; Shawnee, OK								
4444	COMP+CAN	(H)	8-16+ LTG	(ip)(A)	(.035)	U	A	3095	COMP+CAN	1/8	3.0	TTG			U	A
4446	COMP+CAN	(H)	8-16+ LTG	(b)(A)	(.030)	U	A	3096	COMP+CAN	5/32	4.0	TTG			U	A
Oldcastle BuildingEnvelope® ; Phoenix, AZ								3097	COMP+CAN	3/16	5.0	TTG			U	A
3128	COMP+CAN	1/8	3.0	TTG		U	A	3098	COMP+CAN	1/4	6.0	TTG			U	A
3129	COMP+CAN	5/32	4.0	TTG		U	A	3099	COMP+CAN	3/8	10.0	TTG			U	A
3130	COMP+CAN	3/16	5.0	TTG		U	A	3100	COMP+CAN	1/2	12.0	TTG			U	A
3131	COMP+CAN	1/4	6.0	TTG		U	A	3101	COMP+CAN	1/8	3.0	TPG (m)			U	A
3132	COMP+CAN	3/8	10.0	TTG		U	A	3102	COMP+CAN	5/32	4.0	TPG (m)			U	A
3133	COMP+CAN	1/2	12.0	TTG		U	A	3103	COMP+CAN	3/16	5.0	TPG (m)			U	A
3134	COMP+CAN	1/8	3.0	TPG (s)		U	A									
3135	COMP+CAN	5/32	4.0	TPG (s)		U	A									
3136	COMP+CAN	3/16	5.0	TPG (m)		U	A									
3999	COMP+CAN	1/4	6.0	TPG (s)		U	A									
3729	COMP+CAN	3/8	10.0	TPG (s)		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® ; Tampa, FL								Paragon Tempered Glass ; Antwerp, OH							
3116	COMP+CAN	1/8	3.0	TTG		U A		2684	COMPOSITE	1/8	3.0	TTG		U A	
3118	COMP+CAN	3/16	5.0	TTG		U A		2685	COMPOSITE	5/32	4.0	TTG		U A	
3119	COMP+CAN	1/4	6.0	TTG		U A		2686	COMPOSITE	3/16	5.0	TTG		U A	
3120	COMP+CAN	3/8	10.0	TTG		U A		2687	COMPOSITE	1/4	6.0	TTG		U A	
3121	COMP+CAN	1/2	12.0	TTG		U A		2688	COMPOSITE	3/8	10.0	TTG		U A	
3122	COMP+CAN	1/8	3.0	TPG (s)		U A		5242	COMPOSITE	3/16	5.0	TBG		U A	
3124	COMP+CAN	3/16	5.0	TPG (m)		U A		4811	COMPOSITE	1/4	6.0	TBG		U A	
3125	COMP+CAN	1/4	6.0	TPG (m)		U A		Patio Enclosures ; Macedonia, OH							
4340	COMP+CAN	3/8	10.0	TPG (s)		U A		2056	COMPOSITE	1/8	3.0	TTG		U A	
4448	COMP+CAN	(S)	6	LTG (b)(A)	(.030)	U A		2057	COMPOSITE	5/32	4.0	TTG		U A	
4449	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030)	U A		3015	COMPOSITE	1/4	6.0	TTG		U A	
5051	COMP+CAN	(H)	12	LTG (ip)(A)	(.035)	U A		Pennsylvania Insulating Glass ; Lewistown, PA							
Oldcastle BuildingEnvelope® ; Vancouver, WA								3918	COMPOSITE	(S)	5-6	LTG (b)(A)	(.030)	U A	
3219	COMP+CAN	1/8	3.0	TTG		U A		3919	COMPOSITE	(H)	8-12	LTG (b)(A)	(.030)	U A	
3220	COMP+CAN	5/32	4.0	TTG		U A		Perficom, S.A. de C.V. ; San Juan Del Rio, Querétaro, Mexico							
3221	COMP+CAN	3/16	5.0	TTG		U A		4512	COMPOSITE	1/8	3.0	TTG		U A	
3222	COMP+CAN	1/4	6.0	TTG		U A		PFG Glass ; Langley, BC							
3223	COMP+CAN	5/16	8.0	TTG		U A		3538	COMP+CAN	1/8	3.0	TTG		U A	
3224	COMP+CAN	3/8	10.0	TTG		U A		3539	COMP+CAN	5/32	4.0	TTG		U A	
3225	COMP+CAN	1/2	12.0	TTG		U A		3540	COMP+CAN	3/16	5.0	TTG		U A	
3226	COMP+CAN	1/8	3.0	TPG (s)		U A		3541	COMP+CAN	1/4	6.0	TTG		U A	
3227	COMP+CAN	5/32	4.0	TPG (d)		U A		3542	COMP+CAN	5/16	8.0	TTG		U A	
3228	COMP+CAN	3/16	5.0	TPG (m)		U A		3543	COMP+CAN	3/8	10.0	TTG		U A	
3229	COMP+CAN	1/4	6.0	TPG (m)		U A		3544	COMP+CAN	1/2	12.0	TTG		U A	
3230	COMP+CAN	3/8	10.0	TPG (m)		U A		3547	COMP+CAN	1/8	3.0	TPG (s)		U A	
Oldcastle BuildingEnvelope® ; Warrenton, MO								3548	COMP+CAN	5/32	4.0	TPG (d)		U A	
3144	COMP+CAN	1/8	3.0	TTG		U A		3549	COMP+CAN	3/16	5.0	TPG (m)		U A	
3145	COMP+CAN	5/32	4.0	TTG		U A		3711	COMP+CAN	1/4	6.0	TPG (m)		U A	
3146	COMP+CAN	3/16	5.0	TTG		U A		PG Building Glass Processing ; Cape Town, South Africa							
3147	COMP+CAN	1/4	6.0	TTG		U A		4887	COMPOSITE	5/32	4.0	TTG		U A	
3796	COMP+CAN	5/16	8.0	TTG		U A		PGT Industries ; Nokomis, FL							
3148	COMP+CAN	3/8	10.0	TTG		U A		2389	COMPOSITE	1/8	3.0	TTG		U A	
3149	COMP+CAN	1/2	12.0	TTG		U A		2390	COMPOSITE	3/16	5.0	TTG		U A	
3151	COMP+CAN	1/8	3.0	TPG (s)		U A		2391	COMPOSITE	1/4	6.0	TTG		U A	
3152	COMP+CAN	5/32	4.0	TPG (s)		U A		3880	COMPOSITE	1/8	3.0	TPG (s)		U A	
3153	COMP+CAN	3/16	5.0	TPG (m)		U A		3881	COMPOSITE	3/16	5.0	TPG (s)		U A	
3154	COMP+CAN	1/4	6.0	TPG (m)		U A		3482	COMPOSITE	(H)	8-12	LTG (ip)(A)	(.090)	U A	
3155	COMP+CAN	3/8	10.0	TPG (d)		U A		2426	COMPOSITE	(H)	8-12	LTG (b)(A)	(.060)	U A	
Oldcastle BuildingEnvelope® ; Wright City, MO								4812	COMPOSITE	(H)	8-10	LPG (s)(ip)(A)	(.090)	U A	
3137	COMP+CAN	1/8	3.0	TTG		U A		4801	COMPOSITE	(H)	8-10	LPG (s)(b)(A)	(.060)	U A	
3138	COMP+CAN	5/32	4.0	TTG		U A		Phoenicia Flat Glass Industries ; Nazaret, Ilit Israel							
3139	COMP+CAN	3/16	5.0	TTG		U A		5290	COMPOSITE	(S)	6	LTG (b)(A)	(.030)	U A	
3140	COMP+CAN	1/4	6.0	TTG		U A		PPG Inds. Inc. ; Barrie, ON							
3141	COMP+CAN	5/16	8.0	TTG		U A		5207	COMP+CAN	1/8	3.0	TTG		U A	
3142	COMP+CAN	3/8	10.0	TTG		U A		5204	COMP+CAN	5/32	4.0	TTG		U A	
3143	COMP+CAN	1/2	12.0	TTG		U A		5205	COMP+CAN	3/16	5.0	TTG		U A	
4528	COMP+CAN	(S)	6	LTG (ip)(A)	(.035)	U A		5206	COMP+CAN	1/4	6.0	TTG		U A	
4526	COMP+CAN	(S)	6	LTG (b)(A)	(.030)	U A		PPG Inds. Inc. ; Carlisle, PA							
4527	COMP+CAN	(H)	8-16+	LTG (b)(A)	(.030)	U A		250	COMP+CAN	1/8	3.0	TTG		U A	
4529	COMP+CAN	(H)	8-16+	LTG (ip)(A)	(.035)	U A		675	COMP+CAN	5/32	4.0	TTG		U A	
								249	COMP+CAN	3/16	5.0	TTG		U A	
								382	COMP+CAN	1/4	6.0	TTG		U A	

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
PPG Inds., Inc. ; Wichita Falls, TX						Qingdao Apis Glass Industries Ltd. ; Shandong					
1110	COMPOSITE	1/8	3.0 TTG		U A	5529	COMPOSITE	1/4	6.0 TTG		U A
1111	COMPOSITE	5/32	4.0 TTG		U A	5530	COMPOSITE	3/8	10.0 TTG		U A
1112	COMPOSITE	3/16	5.0 TTG		U A	5531	COMPOSITE	1/2	12.0 TTG		U A
1113	COMPOSITE	1/4	6.0 TTG		U A	Qingdao Jinjing Co., Ltd. ; Qingdao City, Shandong China					
3577	COMPOSITE	5/16	8.0 TTG		U A	5613	COMPOSITE	1/8	3.0 TTG		U A
3578	COMPOSITE	3/8	10.0 TTG		U A	5617	COMPOSITE	5/32	4.0 TTG		U A
Prelco Inc. ; Riviere-du-loup, QC						Qinhuangdao Detai Tempered Glass Co., Ltd. ; Qinhuangdao, Hebei, China					
2034	COMP+CAN	1/8	3.0 TTG		U A	4156	COMPOSITE	1/8	3.0 TTG		U A
2035	COMP+CAN	5/32	4.0 TTG		U A	Qinhuangdao High Tech Energy Saving Dorwin Co., Ltd. ; Qinhuangdao, Hebei, China					
2713	COMP+CAN	3/16	5.0 TTG		U A	4635	COMPOSITE	1/8	3.0 TTG		U A
2015	COMP+CAN	1/4	6.0 TTG		U A	Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao City, Hebei Province					
2751	COMP+CAN	5/16	8.0 TTG		U A	5280	COMPOSITE	1/8	3.0 TTG		U A
2381	COMP+CAN	3/8	10.0 TTG		U A	Qinhuangdao Kunping Safety Glass Co. Ltd. ; Qinhuangdao, Hebei, China					
2048	COMP+CAN	1/2	12.0 TTG		U A	3730	COMPOSITE	1/8	3.0 TTG		U A
4904	COMP+CAN	3/4	19.0 TTG		U A	Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ; Qinhuangdao, Hebei, China					
4905	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	5129	COMP+CAN	*	12.0 TTG (3)		U A
4906	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A	5130	COMP+CAN	*	16.0 TTG (3)		U A
Prelco Inc. ; Saint-Jacques, NB						Qinhuangdao Qicaishi ; Qinhuangdao, Hebei, China					
4911	COMP+CAN	1/8	3.0 TTG		U A	5141	COMPOSITE	1/8	3.0 TTG		U A
4912	COMP+CAN	5/32	4.0 TTG		U A	QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei, China					
4913	COMP+CAN	3/16	5.0 TTG		U A	3690	COMPOSITE	1/8	3.0 TTG		U A
4914	COMP+CAN	1/4	6.0 TTG		U A	Quaker Window Products, Inc. ; Freeburg, MO					
4915	COMP+CAN	5/16	8.0 TTG		U A	2985	COMP+CAN	1/8	3.0 TTG		U A
4916	COMP+CAN	3/8	10.0 TTG		U A	5297	COMP+CAN	5/32	4.0 TTG		U A
4917	COMP+CAN	1/2	12.0 TTG		U A	2986	COMP+CAN	3/16	5.0 TTG		U A
PRL Glass Systems ; City of Industry, CA						3485	COMP+CAN	1/4	6.0 TTG		U A
5605	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A	2968	COMP+CAN	1/8	3.0 TPG (m)		U A
Productos De Valor Agregado en Cristal S.A. de C.V. ; San Juan Ixhuatepec, Tlalnepantla, Mexico						2969	COMP+CAN	5/32	4.0 TPG (IN)(m)		U A
4639	COMPOSITE	3/16	5.0 TTG		U A	3486	COMP+CAN	3/16	5.0 TPG (m)		U A
4645	COMPOSITE	1/4	6.0 TTG		U A	2970	COMP+CAN	1/4	6.0 TPG (IN)(m)		U A
4788	COMPOSITE	5/16	8.0 TTG		U A	Quality Glass & Mirror, Inc. ; Mount Prospect, IL					
4640	COMPOSITE	3/8	10.0 TTG		U A	2981	COMPOSITE	3/16	5.0 TTG		U A
4641	COMPOSITE	1/2	12.0 TTG		U A	2982	COMPOSITE	1/4	6.0 TTG		U A
4642	COMPOSITE	3/4	19.0 TTG		U A	2983	COMPOSITE	3/8	10.0 TTG		U A
Produits Verrier International Inc. ; Montreal, Quebec						2984	COMPOSITE	1/2	12.0 TTG		U A
5498	COMP+CAN	1/8	3.0 TTG		U A	3805	COMPOSITE	3/4	19.0 TTG		U A
5499	COMP+CAN	5/32	4.0 TTG		U A	Ready Glass & Mirror, Inc. ; Hialeah, FL					
5500	COMP+CAN	3/16	5.0 TTG		U A	3745	COMPOSITE	3/16	5.0 TTG		U A
5501	COMP+CAN	1/4	6.0 TTG		U A	3746	COMPOSITE	1/4	6.0 TTG		U A
5502	COMP+CAN	3/8	10.0 TTG		U A	3747	COMPOSITE	3/8	10.0 TTG		U A
5503	COMP+CAN	1/2	12.0 TTG		U A	3748	COMPOSITE	1/2	12.0 TTG		U A
5504	COMP+CAN	1/8	3.0 TPG (s)		U A	Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates					
5505	COMP+CAN	3/16	5.0 TPG (s)		U A	4675	COMPOSITE	1/4	6.0 TTG		U A
Protective Insulating Glass ; New Braunfels, TX						4676	COMPOSITE	5/16	8.0 TTG		U A
5235	COMPOSITE	(S)	5-6 LTG (b)(A)	(.030)	U A	4677	COMPOSITE	3/8	10.0 TTG		U A
5236	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A						
PT Abebersa Pratama ; Bekasi, Indonesia											
3905	COMPOSITE	5/32	4.0 TTG		U A						
3906	COMPOSITE	3/16	5.0 TTG		U A						
Pulp Studio Inc. ; Los Angeles, CA											
4711	COMPOSITE	(H)	10-12 LTG (b)(A)	(.030)	U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
RF Supply, Inc. ; Bradenton, FL						SCHOTT Gemtron - Sweetwater ; Sweetwater, TN					
4225	COMPOSITE	1/4	6.0 TTG		U A	1334	COMP+CAN	1/8	3.0 TTG		U A
4226	COMPOSITE	3/8	10.0 TTG		U A	1332	COMP+CAN	5/32	4.0 TTG		U A
4227	COMPOSITE	1/2	12.0 TTG		U A	1201	COMP+CAN	3/16	5.0 TTG		U A
Robover Inc. ; Quebec City, QC						1477	COMP+CAN	1/4	6.0 TTG		U A
5199	COMP+CAN	1/8	3.0 TTG		U A	1422	COMP+CAN	1/8	3.0 TPG (s)		U A
5200	COMP+CAN	5/32	4.0 TTG		U A	1424	COMP+CAN	5/32	4.0 TPG (s)		U A
5201	COMP+CAN	3/16	5.0 TTG		U A	SCHOTT Gemtron (Canada) Corporation ; Midland, ON Canada					
5202	COMP+CAN	1/4	6.0 TTG		U A	3067	COMPOSITE	1/8	3.0 TTG		U A
SAAND London ; London, ON Canada						3659	COMPOSITE	5/32	4.0 TTG		U A
3978	COMP+CAN	1/8	3.0 TTG		U A	3636	COMPOSITE	3/16	5.0 TTG		U A
4278	COMP+CAN	5/32	4.0 TTG		U A	3637	COMPOSITE	1/4	6.0 TTG		U A
3979	COMP+CAN	3/16	5.0 TTG		U A	Shanghai Chungce Glass Co., Ltd. ; Shanghai, China					
3980	COMP+CAN	1/4	6.0 TTG		U A	5461	ANSI ONLY	1/8	3.0 TTG		U A
3981	COMP+CAN	3/8	10.0 TTG		U A	Shanghai Mingte Glass Technology Co., Ltd. ; Shanghai, China					
SAAND Ottawa ; Stittsville, ON						4933	COMP+CAN	1/4	6.0 TTG		U A
4949	COMP+CAN	1/8	3.0 TTG		U A	4934	COMP+CAN	3/8	10.0 TTG		U A
4950	COMP+CAN	5/32	4.0 TTG		U A	4935	COMP+CAN	1/2	12.0 TTG		U A
4951	COMP+CAN	3/16	5.0 TTG		U A	Shanghai SYP Building Glass ; Shanghai, China					
4952	COMP+CAN	1/4	6.0 TTG		U A	2779	COMPOSITE (S)	6 LTG (b)(A)	(.030)		U A
4953	COMP+CAN	3/8	10.0 TTG		U A	4353	COMPOSITE (H)	8 LTG (b)(A)	(.030)		U A
4954	COMP+CAN	1/2	12.0 TTG		U A	4807	COMPOSITE (H)	8-16+ LTG (ip)(A)	(.035)		U A
SAAND Rexdale ; Rexdale, ON						2780	COMPOSITE (H)	10-16+ LTG (b)(A)	(.015)		U B
4995	COMP+CAN	1/8	3.0 TTG		U A	Shanghai SYP Engineering Glass ; Shanghai, China					
4996	COMP+CAN	5/32	4.0 TTG		U A	4067	COMPOSITE	5/32	4.0 TTG		U A
4997	COMP+CAN	3/16	5.0 TTG		U A	4068	COMPOSITE	3/16	5.0 TTG		U A
4998	COMP+CAN	1/4	6.0 TTG		U A	4069	COMPOSITE	1/4	6.0 TTG		U A
4999	COMP+CAN	3/8	10.0 TTG		U A	4070	COMPOSITE	5/16	8.0 TTG		U A
5000	COMP+CAN	1/2	12.0 TTG		U A	4071	COMPOSITE	3/8	10.0 TTG		U A
5008	COMP+CAN	5/8	15.0 TTG (3)		U A	4072	COMPOSITE	1/2	12.0 TTG		U A
5003	COMP+CAN	1/8	3.0 TPG (s)		U A	4073	COMPOSITE *	15.0 TTG (3)			U A
5005	COMP+CAN	3/16	5.0 TPG (s)		U A	4074	COMPOSITE	3/4	19.0 TTG		U A
5001	COMP+CAN (S)	4-6 LTG (b)(A)	(.030)		U A	Shenzhen Kai Tai Glass Co., LTD ; Shenzhen City, Guangdong					
5002	COMP+CAN (H)	8-16+ LTG (b)(A)	(.030)		U A	5436	COMPOSITE	1/4	6.0 TTG		U A
SAAND Toronto ; Toronto, ON Canada						5437	COMPOSITE	5/16	8.0 TTG		U A
2481	COMP+CAN	1/8	3.0 TTG		U A	5438	COMPOSITE	3/8	10.0 TTG		U A
2482	COMP+CAN	5/32	4.0 TTG		U A	5439	COMPOSITE	1/2	12.0 TTG		U A
3023	COMP+CAN	3/16	5.0 TTG		U A	5440	COMPOSITE (H)	10-16+ LTG (b)(A)	(.030)		U A
2484	COMP+CAN	1/4	6.0 TTG		U A	Shwinco Architectural Products LLC ; Dotham, AL					
4356	COMP+CAN	5/16	8.0 TTG		U A	5540	COMPOSITE	1/8	3.0 TTG		U A
4357	COMP+CAN	3/8	10.0 TTG		U A	5541	COMPOSITE	3/16	5.0 TTG		U A
4358	COMP+CAN	1/2	12.0 TTG		U A						
SAGE Electrochromics Inc. ; Faribault, MN											
5016	COMP+CAN (H)	8-12 LSP (ip)(A)	(.035)		U A						
Saint-Gobain SOVIS ; Thierry, France											
2769	COMPOSITE	1/8	3.0 TTG		U A						
2248	COMPOSITE	1/4	6.0 TTG		U A						
1992	COMPOSITE	5/32	4.0 TBG		L A						
					47x34						
1864	COMPOSITE	1/4	6.0 TBG		L A						
					47x34						
Sanshiba ; Takaoka, Toyama											
5512	ANSI ONLY (H)	23 LTG (ip)(A)	(.060)x2		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
SIGCO, Inc. ; Westbrook, ME						Tacoma Glass Mfg. Inc. ; Lakewood, WA					
2961	COMPOSITE	1/8	3.0 TTG		U A	4730	COMPOSITE	1/4	6.0 TTG		U A
2962	COMPOSITE	5/32	4.0 TTG		U A	4731	COMPOSITE	3/8	10.0 TTG		U A
2963	COMPOSITE	3/16	5.0 TTG		U A	4732	COMPOSITE	1/2	12.0 TTG		U A
2964	COMPOSITE	1/4	6.0 TTG		U A	5112	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5213	COMPOSITE	5/16	8.0 TTG		U A	4735	COMPOSITE	(H)	8-12 LTG (b)(A)	(.030)	U A
2965	COMPOSITE	3/8	10.0 TTG		U A	Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong, China					
2966	COMPOSITE	1/2	12.0 TTG		U A	3787	COMPOSITE	1/8	3.0 TTG		U A
4326	COMPOSITE	5/8	16.0 TTG		U A	3788	COMPOSITE	5/32	4.0 TTG		U A
4327	COMPOSITE	3/4	19.0 TTG		U A	3789	COMPOSITE	3/16	5.0 TTG		U A
4543	COMPOSITE	1/8	3.0 TPG (m)		U A	Tai Sheng (Dong Guan) Glass Co.,Ltd ; Dongguan, Guangdong, China					
2967	COMPOSITE	5/32	4.0 TPG (s)		U A	4870	COMPOSITE	5/32	4.0 TTG		U A
3028	COMPOSITE	3/16	5.0 TPG (m)		U A	4872	COMPOSITE	1/4	6.0 TTG		U A
4206	COMPOSITE	3/8	10.0 TPG (s)		U A	4873	COMPOSITE	5/16	8.0 TTG		U A
Simonton Windows ; Ellenboro, WV						5067	COMPOSITE	5/32	4.0 TPG (m)		U A
2887	COMPOSITE	1/8	3.0 TTG		U A	5068	COMPOSITE	1/4	6.0 TPG (m)		U A
2888	COMPOSITE	3/16	5.0 TTG		U A	Taiwan Glass Industry Corp. ; Taipei, Taiwan, China					
5296	COMPOSITE	1/8	3.0 TPG (s)		U A	3886	COMPOSITE	5/32	4.0 TTG		U A
Simonton Windows ; Paris, IL						3887	COMPOSITE	3/16	5.0 TTG		U A
4979	COMPOSITE	1/8	3.0 TTG		U A	3888	COMPOSITE	1/4	6.0 TTG		U A
4978	COMPOSITE	3/16	5.0 TTG		U A	3889	COMPOSITE	5/16	8.0 TTG		U A
Sky Land Tempering Glass Corp ; Long Island City, NY						3890	COMPOSITE	3/8	10.0 TTG		U A
5467	COMPOSITE	3/16	5.0 TTG		U A	3891	COMPOSITE	1/2	12.0 TTG		U A
5468	COMPOSITE	1/4	6.0 TTG		U A	5490	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5469	COMPOSITE	3/8	10.0 TTG		U A	3893	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
5470	COMPOSITE	1/2	12.0 TTG		U A	Techni-Glass, Inc. ; Surgoinsville, TN					
Solar Seal Connecticut ; Hamden, CT						2547	COMP+CAN	1/8	3.0 TTG		U A
4523	COMPOSITE	1/4	6.0 TTG		U A	2548	COMP+CAN	5/32	4.0 TTG		U A
Solar Seal Massachusetts ; South Easton, MA						2549	COMP+CAN	3/16	5.0 TTG		U A
3001	COMPOSITE	1/8	3.0 TTG		U A	2975	COMP+CAN	1/4	6.0 TTG		U A
1871	COMPOSITE	3/16	5.0 TTG		U A	3062	COMP+CAN	3/8	10.0 TTG		U A
1035	COMPOSITE	1/4	6.0 TTG		U A	4509	COMP+CAN	1/2	12.0 TTG		U A
1036	COMPOSITE	3/8	10.0 TTG		U A	4510	COMP+CAN	5/8	16.0 TTG		U A
1037	COMPOSITE	1/2	12.0 TTG		U A	3061	COMP+CAN	1/8	3.0 TPG (m)		U A
5527	COMPOSITE	3/4	19.0 TTG		U A	5050	COMP+CAN	5/32	4.0 TPG (m)		U A
1939	COMPOSITE	3/16	5.0 TPG (s)		U A	2550	COMP+CAN	3/16	5.0 TPG (m)		U A
Soma Towers LLC ; Jiangmen City, Guangdong China						3060	COMP+CAN	1/4	6.0 TPG (m)		U A
5460	COMPOSITE	1/4	6.0 TTG		U A	Tecnoglass S.A. ; Barranquilla, Colombia					
Swift Glass Co., Inc. ; Elmira Heights, NY						2133	COMP+CAN	1/8	3.0 TTG		U A
1555	COMPOSITE	1/8	3.0 TTG		U A	2287	COMP+CAN	5/32	4.0 TTG		U A
1556	COMPOSITE	3/16	5.0 TTG		U A	1993	COMP+CAN	3/16	5.0 TTG		U A
1557	COMPOSITE	1/4	6.0 TTG		U A	1994	COMP+CAN	1/4	6.0 TTG		U A
1558	COMPOSITE	3/8	10.0 TTG		U A	2134	COMP+CAN	5/16	8.0 TTG		U A
1559	COMPOSITE	1/2	12.0 TTG		U A	1995	COMP+CAN	3/8	10.0 TTG		U A
Syracuse Glass Co., Inc. ; Syracuse, NY						2135	COMP+CAN	1/2	12.0 TTG		U A
2654	COMPOSITE	1/8	3.0 TTG		U A	2365	COMP+CAN	5/8	16.0 TTG		U A
2957	COMPOSITE	3/16	5.0 TTG		U A	2894	COMP+CAN	3/4	19.0 TTG		U A
2656	COMPOSITE	1/4	6.0 TTG		U A	4003	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
2958	COMPOSITE	3/8	10.0 TTG		U A	Tempco Glass ; Flushing, NY					
2657	COMPOSITE	1/2	12.0 TTG		U A	5009	COMPOSITE	1/8	3.0 TTG		U A
Tacoma Glass Mfg. Inc. ; Burlington, WA						5010	COMPOSITE	3/16	5.0 TTG		U A
5165	COMPOSITE	1/4	6.0 TTG		U A	5011	COMPOSITE	1/4	6.0 TTG		U A
5166	COMPOSITE	3/8	10.0 TTG		U A	5012	COMPOSITE	3/8	10.0 TTG		U A
5167	COMPOSITE	1/2	12.0 TTG		U A	5013	COMPOSITE	1/2	12.0 TTG		U A
5168	COMPOSITE	3/4	19.0 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
Texas Tempered, a Trulite Glass and Aluminum Solutions Company ; Houston, TX							Tianjin CSG Energy Conservation Glass Co., Ltd ; Tianjin, China						
4847	COMPOSITE	1/8		3.0 TTG		U A	4021	COMPOSITE	5/32		4.0 TTG		U A
4848	COMPOSITE	3/16		5.0 TTG		U A	4022	COMPOSITE	3/16		5.0 TTG		U A
4849	COMPOSITE	1/4		6.0 TTG		U A	4023	COMPOSITE	1/4		6.0 TTG		U A
4850	COMPOSITE	3/8		10.0 TTG		U A	4024	COMPOSITE	5/16		8.0 TTG		U A
4851	COMPOSITE	1/2		12.0 TTG		U A	4025	COMPOSITE	3/8		10.0 TTG		U A
5365	COMPOSITE	3/4		19.0 TTG		U A	4026	COMPOSITE	1/2		12.0 TTG		U A
TG Changjiang Glass Co., Ltd ; Kunshan City, Jiangsu, China							4027	COMPOSITE	*		15.0 TTG (3)		U A
5177	COMP+CAN	3/16		5.0 TTG		U A	4028	COMPOSITE	3/4		19.0 TTG		U A
5178	COMP+CAN	1/4		6.0 TTG		U A	4030	COMPOSITE	(H)		8 LTG (b)(A)	(.030)	U A
5179	COMP+CAN	5/16		8.0 TTG		U A	4106	COMPOSITE	(H)		10 LTG (b)(A)	(.045)	U A
5176	COMP+CAN	(H)		10-16+ LTG (b)(A)	(.015)	U B	4107	COMPOSITE	(H)		12 LTG (b)(A)	(.060)	U A
The Original Frameless Shower Door ; Coral Springs, FL							4108	COMPOSITE	(H)		16+ LTG (b)(A)	(.090)	U A
4661	COMPOSITE	1/4		6.0 TTG		U A	TianJin Dong Sung Home Building Materials Co. Ltd. ; Tianjin, China						
4662	COMPOSITE	3/8		10.0 TTG		U A	2889	COMPOSITE	1/8		3.0 TTG		U A
4663	COMPOSITE	1/2		12.0 TTG		U A	4035	COMPOSITE	5/32		4.0 TTG		U A
Thermal Seal Insulating Glass ; Uxbridge, MA							2890	COMPOSITE	3/16		5.0 TTG		U A
4830	COMPOSITE	1/8		3.0 TTG		U A	3094	COMPOSITE	1/4		6.0 TTG		U A
4822	COMPOSITE	5/32		4.0 TTG		U A	3460	COMPOSITE	5/32		4.0 TPG (d)		U A
4823	COMPOSITE	3/16		5.0 TTG		U A	3431	COMPOSITE	3/16		5.0 TPG (m)		U A
4824	COMPOSITE	1/4		6.0 TTG		U A	Tianjin Northglass Industrial Technical Co., Ltd ; Tianjin, China						
4825	COMPOSITE	3/8		10.0 TTG		U A	5220	COMPOSITE	5/16		8.0 TTG		U A
4826	COMPOSITE	1/2		12.0 TTG		U A	5221	COMPOSITE	1/2		12.0 TTG		U A
4831	COMPOSITE	1/8		3.0 TPG (s)		U A	5223	COMPOSITE	(H)		18+ LTG (ip)(A)	(.015)	U B
Thermo BSL ; Riviere-du-loup, QC							Tianjin SYP Engineering Glass ; Tianjin, China						
4290	COMP+CAN	1/8		3.0 TTG		U A	4075	COMP+CAN	3/16		5.0 TTG		U A
4291	COMP+CAN	5/32		4.0 TTG		U A	4076	COMP+CAN	1/4		6.0 TTG		U A
4292	COMP+CAN	3/16		5.0 TTG		U A	4077	COMP+CAN	5/16		8.0 TTG		U A
4293	COMP+CAN	1/4		6.0 TTG		U A	4078	COMP+CAN	3/8		10.0 TTG		U A
Thermoseal Industries, LLC ; Gloucester City, NJ							4079	COMP+CAN	*		12.0 TTG (3)		U A
4468	COMPOSITE	1/8		3.0 TTG		U A	4080	COMP+CAN	*		15.0 TTG (3)		U A
4470	COMPOSITE	3/16		5.0 TTG		U A	4081	COMP+CAN	3/4		19.0 TTG		U A
4471	COMPOSITE	1/4		6.0 TTG		U A	4083	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A
Thompson I.G. LLC. ; Fenton, MI							4084	COMP+CAN	(H)		8-16+ LTG (b)(A)	(.015)	U B
5303	COMP+CAN	1/8		3.0 TTG		U A	Tri-Star Glass ; Grand Prairie, TX						
5304	COMP+CAN	3/16		5.0 TTG		U A	5108	ANSI ONLY	3/16		5.0 TTG		U A
5305	COMP+CAN	1/4		6.0 TTG		U A	5109	ANSI ONLY	1/4		6.0 TTG		U A
5298	COMP+CAN	3/8		10.0 TTG		U A	Tri-Star Glass ; Tulsa, OK						
5299	COMP+CAN	1/2		12.0 TTG		U A	4004	COMPOSITE	1/8		3.0 TTG		U A
5300	COMP+CAN	(S)		6 LTG (b)(A)	(.030)	U A	4005	COMPOSITE	5/32		4.0 TTG		U A
5302	COMP+CAN	(H)		8 LTG (b)(A)	(.060)	U A	4006	COMPOSITE	3/16		5.0 TTG		U A
5301	COMP+CAN	(H)		10-12 LTG (b)(A)	(.030)	U A	4007	COMPOSITE	1/4		6.0 TTG		U A
							4008	COMPOSITE	3/8		10.0 TTG		U A
							4009	COMPOSITE	1/2		12.0 TTG		U A
							4010	COMPOSITE	5/32		4.0 TPG (s)		U A
							4011	COMPOSITE	3/16		5.0 TPG (s)		U A
							5441	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
							4411	COMPOSITE	(H)		10-12 LTG (b)(A)	(.030)	U A

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Triview Glass Industries ; City of Industry, CA						Trulite Glass and Aluminum Solutions ; Columbus, OH					
5039	COMP+CAN	5/32	4.0 TTG		U A	4745	COMPOSITE	1/8	3.0 TTG		U A
5040	COMP+CAN	3/16	5.0 TTG		U A	4746	COMPOSITE	3/16	5.0 TTG		U A
5041	COMP+CAN	1/4	6.0 TTG		U A	4747	COMPOSITE	1/4	6.0 TTG		U A
5042	COMP+CAN	5/16	8.0 TTG		U A	4748	COMPOSITE	1/2	12.0 TTG		U A
5043	COMP+CAN	3/8	10.0 TTG		U A	3407	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5044	COMP+CAN	1/2	12.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Fort Worth, TX					
5045	COMP+CAN	5/8	16.0 TTG		U A	5396	COMPOSITE	1/8	3.0 TTG		U A
5046	COMP+CAN	3/4	19.0 TTG		U A	5397	COMPOSITE	5/32	4.0 TTG		U A
5047	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A	5398	COMPOSITE	3/16	5.0 TTG		U A
5048	COMP+CAN	(H)	8 LTG (b)(A)	(.060)	U A	5399	COMPOSITE	1/4	6.0 TTG		U A
Troy Systems LLC ; Manassas, VA						5400	COMPOSITE	3/8	10.0 TTG		U A
4918	COMPOSITE	3/16	5.0 TTG		U A	5401	COMPOSITE	1/2	12.0 TTG		U A
4061	COMPOSITE	1/4	6.0 TTG		U A	5406	COMPOSITE	3/4	19.0 TTG		U A
4062	COMPOSITE	3/8	10.0 TTG		U A	5402	COMPOSITE	1/8	3.0 TPG (s)		U A
4063	COMPOSITE	1/2	12.0 TTG		U A	5403	COMPOSITE	5/32	4.0 TPG (s)		U A
5123	COMPOSITE	3/8	10.0 TPG (s)		U A	5404	COMPOSITE	3/16	5.0 TPG (m)		U A
Trulite Glass and Aluminum Solutions ; Atlanta, GA						5405	COMPOSITE	3/8	10.0 TPG (m)		U A
2959	COMPOSITE	1/8	3.0 TTG		U A	3603	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
862	COMPOSITE	3/16	5.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Grenada, MS					
863	COMPOSITE	1/4	6.0 TTG		U A	2787	COMPOSITE	1/8	3.0 TTG		U A
865	COMPOSITE	3/8	10.0 TTG		U A	2788	COMPOSITE	3/16	5.0 TTG		U A
866	COMPOSITE	1/2	12.0 TTG		U A	2789	COMPOSITE	1/4	6.0 TTG		U A
4089	COMPOSITE	5/8	16.0 TTG		U A	2840	COMPOSITE	3/8	10.0 TTG		U A
2960	COMPOSITE	3/4	19.0 TTG		U A	4601	COMPOSITE	1/2	12.0 TTG		U A
4090	COMPOSITE	1/8	3.0 TPG (s)		U A	4743	COMPOSITE	(S)	5-6 LTG (b)(A)	(.030)	U A
3554	COMPOSITE	3/16	5.0 TPG (s)		U A	4755	COMPOSITE	(H)	8 LTG (b)(A)	(.090)	U A
4555	COMPOSITE	1/4	6.0 TPG (m)		U A	4744	COMPOSITE	(H)	10-16+ LTG (b)(A)	(.030)	U A
4554	COMPOSITE	3/8	10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Houston, TX					
3536	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A	5432	COMPOSITE	1/8	3.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Aurora, CO						3925	COMPOSITE	3/16	5.0 TTG		U A
5341	COMPOSITE	1/8	3.0 TTG		U A	5483	COMPOSITE	1/4	6.0 TTG		U A
5348	COMPOSITE	5/32	4.0 TTG		U A	3927	COMPOSITE	3/8	10.0 TTG		U A
5342	COMPOSITE	3/16	5.0 TTG		U A	3928	COMPOSITE	1/2	12.0 TTG		U A
5343	COMPOSITE	1/4	6.0 TTG		U A	5477	COMPOSITE	5/8	16.0 TTG		U A
5344	COMPOSITE	3/8	10.0 TTG		U A	5478	COMPOSITE	3/4	19.0 TTG		U A
5345	COMPOSITE	1/2	12.0 TTG		U A	5433	COMPOSITE	1/8	3.0 TPG (s)		U A
5346	COMPOSITE	3/4	19.0 TTG		U A	3931	COMPOSITE	3/16	5.0 TPG (s)		U A
5347	COMPOSITE	1/8	3.0 TPG (s)		U A	5434	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
5349	COMPOSITE	3/16	5.0 TPG (s)		U A	4667	COMPOSITE	(H)	12 LTG (b)(A)	(.030)	U A
5350	COMPOSITE	3/8	10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Indianapolis, IN					
Trulite Glass and Aluminum Solutions ; City of Industry, CA						4749	COMPOSITE	1/8	3.0 TTG		U A
4182	COMPOSITE	1/8	3.0 TTG		U A	4752	COMPOSITE	5/32	4.0 TTG		U A
4183	COMPOSITE	5/32	4.0 TTG		U A	4922	COMPOSITE	3/16	5.0 TTG		U A
4184	COMPOSITE	3/16	5.0 TTG		U A	4923	COMPOSITE	1/4	6.0 TTG		U A
4185	COMPOSITE	1/4	6.0 TTG		U A	4754	COMPOSITE	3/8	10.0 TTG		U A
4186	COMPOSITE	3/8	10.0 TTG		U A	4753	COMPOSITE	1/2	12.0 TTG		U A
4187	COMPOSITE	1/2	12.0 TTG		U A	4750	COMPOSITE	3/16	5.0 TPG (s)		U A
4522	COMPOSITE	5/8	16.0 TTG		U A						
4371	COMPOSITE	3/4	19.0 TTG		U A						
4188	COMPOSITE	1/8	3.0 TPG (s)		U A						
4372	COMPOSITE	5/32	4.0 TPG (s)		U A						
4373	COMPOSITE	3/16	5.0 TPG (s)		U A						
4189	COMPOSITE	1/4	6.0 TPG (s)		U A						
4374	COMPOSITE	3/8	10.0 TPG (s)		U A						
4233	COMPOSITE	(S)	6 LTG (b)(A)	(.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
Trulite Glass and Aluminum Solutions ; Knoxville, TN							Trulite Glass and Aluminum Solutions ; Pittsburgh, PA						
4209	COMP+CAN	1/8		3.0 TTG		U A	1784	COMPOSITE	1/8		3.0 TTG		U A
4827	COMP+CAN	5/32		4.0 TTG		U A	1785	COMPOSITE	3/16		5.0 TTG		U A
4152	COMP+CAN	3/16		5.0 TTG		U A	1786	COMPOSITE	1/4		6.0 TTG		U A
4153	COMP+CAN	1/4		6.0 TTG		U A	3495	COMPOSITE	5/16		8.0 TTG		U A
4158	COMP+CAN	3/8		10.0 TTG		U A	1787	COMPOSITE	3/8		10.0 TTG		U A
4159	COMP+CAN	1/2		12.0 TTG		U A	1788	COMPOSITE	1/2		12.0 TTG		U A
4207	COMP+CAN	1/8		3.0 TPG (m)		U A	4134	COMPOSITE	5/8		16.0 TTG		U A
4981	COMP+CAN	5/32		4.0 TPG (d)		U A	4135	COMPOSITE	3/4		19.0 TTG		U A
4160	COMP+CAN	3/16		5.0 TPG (d)		U A	4452	COMPOSITE	1/8		3.0 TPG (s)		U A
4980	COMP+CAN	1/4		6.0 TPG (d)		U A	1790	COMPOSITE	3/16		5.0 TPG (s)		U A
5134	COMP+CAN	3/8		10.0 TPG (s)		U A	4453	COMPOSITE	3/8		10.0 TPG (s)		U A
Trulite Glass and Aluminum Solutions ; Las Vegas, NV							Trulite Glass and Aluminum Solutions ; San Antonio, TX						
4210	COMPOSITE	1/8		3.0 TTG		U A	3645	COMPOSITE	1/8		3.0 TTG		U A
4211	COMPOSITE	5/32		4.0 TTG		U A	3646	COMPOSITE	5/32		4.0 TTG		U A
4212	COMPOSITE	3/16		5.0 TTG		U A	3839	COMPOSITE	3/16		5.0 TTG		U A
4213	COMPOSITE	1/4		6.0 TTG		U A	3326	COMPOSITE	1/4		6.0 TTG		U A
4214	COMPOSITE	3/8		10.0 TTG		U A	3327	COMPOSITE	3/8		10.0 TTG		U A
4215	COMPOSITE	1/2		12.0 TTG		U A	4277	COMPOSITE	1/2		12.0 TTG		U A
4216	COMPOSITE	3/4		19.0 TTG		U A	3818	COMPOSITE	1/8		3.0 TPG (s)		U A
4217	COMPOSITE	1/8		3.0 TPG (s)		U A	3647	COMPOSITE	5/32		4.0 TPG (m)		U A
4218	COMPOSITE	5/32		4.0 TPG (m)		U A	4342	COMPOSITE	3/16		5.0 TPG (m)		U A
4219	COMPOSITE	3/16		5.0 TPG (m)		U A	3819	COMPOSITE	1/4		6.0 TPG (s)		U A
4220	COMPOSITE	1/4		6.0 TPG (m)		U A	3820	COMPOSITE	3/8		10.0 TPG (s)		U A
4221	COMPOSITE	3/8		10.0 TPG (s)		U A	Trulite Glass and Aluminum Solutions ; Tulsa, OK						
Trulite Glass and Aluminum Solutions ; New Berlin, WI							5443	COMPOSITE	5/32		4.0 TTG		U A
5316	COMPOSITE	1/8		3.0 TTG		U A	5444	COMPOSITE	3/16		5.0 TTG		U A
5317	COMPOSITE	5/32		4.0 TTG		U A	5445	COMPOSITE	1/4		6.0 TTG		U A
5318	COMPOSITE	3/16		5.0 TTG		U A	5446	COMPOSITE	3/8		10.0 TTG		U A
5319	COMPOSITE	1/4		6.0 TTG		U A	5447	COMPOSITE	1/2		12.0 TTG		U A
5320	COMPOSITE	5/16		8.0 TTG		U A	5448	COMPOSITE	5/32		4.0 TPG (d)		U A
5321	COMPOSITE	3/8		10.0 TTG		U A	5449	COMPOSITE	3/16		5.0 TPG (m)		U A
5322	COMPOSITE	1/2		12.0 TTG		U A	5450	COMPOSITE	1/4		6.0 TPG (m)		U A
5323	COMPOSITE	5/8		16.0 TTG		U A	5451	COMPOSITE	3/8		10.0 TPG (s)		U A
5324	COMPOSITE	3/4		19.0 TTG		U A	Trulite Glass and Aluminum Solutions ; Vaughan, ON						
5325	COMPOSITE	3/16		5.0 TPG (s)		U A	5507	COMP+CAN	5/32		4.0 TTG		U A
5326	COMPOSITE	1/4		6.0 TPG (s)		U A	5508	COMP+CAN	3/16		5.0 TTG		U A
5327	COMPOSITE	3/8		10.0 TPG (m)		U A	5509	COMP+CAN	1/4		6.0 TTG		U A
5328	COMPOSITE	1/2		12.0 TPG (s)		U A	5510	COMP+CAN	5/16		8.0 TTG		U A
3430	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A	5511	COMP+CAN	3/8		10.0 TTG		U A
Trulite Glass and Aluminum Solutions ; Orlando, FL							Trulite Glass and Aluminum Solutions ; Youngsville, NC						
5183	COMPOSITE	1/8		3.0 TTG		U A	5272	COMPOSITE	1/8		3.0 TTG		U A
5185	COMPOSITE	3/16		5.0 TTG		U A	5273	COMPOSITE	3/16		5.0 TTG		U A
5184	COMPOSITE	1/4		6.0 TTG		U A	5274	COMPOSITE	1/4		6.0 TTG		U A
5186	COMPOSITE	3/8		10.0 TTG		U A	5275	COMPOSITE	3/8		10.0 TTG		U A
5187	COMPOSITE	1/2		12.0 TTG		U A	5276	COMPOSITE	1/2		12.0 TTG		U A
5188	COMPOSITE	3/4		19.0 TTG		U A	5277	COMPOSITE	3/4		19.0 TTG		U A
5189	COMPOSITE	1/8		3.0 TPG (s)		U A	5279	COMPOSITE	3/16		5.0 TPG S		U A
5190	COMPOSITE	3/16		5.0 TPG (m)		U A	4437	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A
5191	COMPOSITE	1/4		6.0 TPG (m)		U A							
5192	COMPOSITE	3/8		10.0 TPG (s)		U A							
3461	COMPOSITE	(S)		6 LTG (b)(A)	(.030)	U A							
5484	COMPOSITE	(H)		8-16+ LTG (b)(A)	(.030)	U A							
5485	COMPOSITE	(H)		10-12 LTG (ip)(A)	(.035)	U A							

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED CLASS	ANSI
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Trulite Glass and Aluminum Solutions - East ; Salt Lake City, UT						Vetzeria Valentini S.R.L. ; Brescia, Italy					
4265	COMPOSITE	1/8	3.0 TTG		U A	2423	COMPOSITE	5/32	4.0 TTG		U A
4478	COMPOSITE	5/32	4.0 TTG		U A	4246	COMPOSITE	5/32	4.0 TBG		U A
4266	COMPOSITE	3/16	5.0 TTG		U A	2898	COMPOSITE	1/4	6.0 TBG		U A
4267	COMPOSITE	1/4	6.0 TTG		U A	Vidrio Bisel S.A. de C.V. ; Santa Catarina, Nuevo Leon, Mexico					
4994	COMP+CAN	5/16	8.0 TTG		U A	4966	COMPOSITE	1/4	6.0 TTG		U A
4268	COMPOSITE	3/8	10.0 TTG		U A	4967	COMPOSITE	3/8	10.0 TTG		U A
4269	COMPOSITE	1/2	12.0 TTG		U A	4969	COMPOSITE	(S)	6 LTG (b)(A)	(.015)(C1)	U B
4270	COMPOSITE	1/8	3.0 TPG (s)		U A	4968	COMPOSITE	(S)	6 LTG (b)(A)	(.030)	U A
4271	COMPOSITE	5/32	4.0 TPG (s)		U A	5056	COMPOSITE	(H)	10 LTG (b)(A)	(.030)	U A
4272	COMPOSITE	3/16	5.0 TPG (m)		U A	Vidrios Marte SA de CV ; Azcapotzalco, Distrito Federal Mexico, Mexico					
4479	COMPOSITE	3/8	10.0 TPG (s)		U A	4041	COMPOSITE	1/8	3.0 TTG		U A
Trulite Glass and Aluminum Solutions - West ; Salt Lake City, UT						4042	COMPOSITE	1/4	6.0 TTG		U A
5337	COMPOSITE	3/16	5.0 TTG		U A	View Inc. ; Olive Branch, MS					
5338	COMPOSITE	1/4	6.0 TTG		U A	4725	COMPOSITE	1/8	3.0 TTG		U A
5339	COMPOSITE	3/8	10.0 TTG		U A	4726	COMPOSITE	5/32	4.0 TTG		U A
5340	COMPOSITE	1/2	12.0 TTG		U A	4727	COMPOSITE	3/16	5.0 TTG		U A
TVITEC ; Cubillo del Sil, Spain						4728	COMPOSITE	1/4	6.0 TTG		U A
5519	COMPOSITE (H)	12 LTG (ip)(A)	(.070)		U A	Viracon Inc. ; Owatonna, MN					
Tweddell's Inc. ; Santa Ana, CA						4354	COMP+CAN	5/32	4.0 TTG		U A
5384	COMP+CAN	1/8	3.0 TTG		U A	1403	COMP+CAN	3/16	5.0 TTG		U A
4993	COMP+CAN	3/16	5.0 TTG		U A	1404	COMP+CAN	1/4	6.0 TTG		U A
5385	COMP+CAN	1/4	6.0 TTG		U A	3689	COMP+CAN	5/16	8.0 TTG		U A
5386	COMP+CAN	3/8	10.0 TTG		U A	1508	COMP+CAN	3/8	10.0 TTG		U A
United Plate Glass Co., Inc. ; Butler, PA						1509	COMP+CAN	1/2	12.0 TTG		U A
2467	COMPOSITE	1/8	3.0 TTG		U A	1637	COMP+CAN (S)	6 LTG (b)(A)	(.030)		U A
2468	COMPOSITE	3/16	5.0 TTG		U A	4249	COMP+CAN (H)	8-16+ LTG (b)(A)	(.030)		U A
2469	COMPOSITE	1/4	6.0 TTG		U A	4250	COMP+CAN (H)	12-16+ LTG (ip)(A)	(.060)		U A
2470	COMPOSITE	3/8	10.0 TTG		U A	Viracon Inc. ; St. George, UT					
2471	COMPOSITE	1/2	12.0 TTG		U A	5582	COMPOSITE	3/16	5.0 TTG		U A
United Plate Glass Company of Charlotte ; Lincolnton, NC						5555	COMPOSITE	1/4	6.0 TTG		U A
3948	COMPOSITE	1/8	3.0 TTG		U A	5556	COMPOSITE	5/16	8.0 TTG		U A
4197	COMPOSITE	5/32	4.0 TTG		U A	5557	COMPOSITE	3/8	10.0 TTG		U A
3949	COMPOSITE	3/16	5.0 TTG		U A	Viracon Inc. ; Statesboro, GA					
3950	COMPOSITE	1/4	6.0 TTG		U A	2314	COMP+CAN	3/16	5.0 TTG		U A
3951	COMPOSITE	3/8	10.0 TTG		U A	2310	COMP+CAN	1/4	6.0 TTG		U A
3952	COMPOSITE	1/2	12.0 TTG		U A	4720	COMP+CAN	5/16	8.0 TTG		U A
3954	COMPOSITE	1/8	3.0 TPG (d)		U A	2311	COMP+CAN	3/8	10.0 TTG		U A
4636	COMPOSITE	5/32	4.0 TPG (d)		U A	5017	COMP+CAN (S)	6 LTG (b)(A)	(.030)		U A
3955	COMPOSITE	3/16	5.0 TPG (d)		U A	5017	COMP+CAN (S)	6 LTG (b)(A)	(.030)		U A
Unitex Glass Chengdu Co., Ltd ; Chendu, Sichuan, China						4779	COMP+CAN (H)	8-16+ LTG (b)(A)	(.030)		U A
5462	ANSI ONLY	1/8	3.0 TTG		U A	4784	COMP+CAN (H)	12 LTG (ip)(A)	(.090)		U A
5463	ANSI ONLY	5/32	4.0 TTG		U A	Virginia Glass Products Corp. ; Martinsville, VA					
5407	ANSI ONLY	3/16	5.0 TTG		U A	12	COMPOSITE	3/16	5.0 TTG		U A
5408	ANSI ONLY	1/4	6.0 TTG		U A	14	COMPOSITE	1/4	6.0 TTG		U A
5414	ANSI ONLY	3/8	10.0 TTG		U A	93	COMPOSITE	3/8	10.0 TTG		U A
Upstate Glass Tempering Inc. ; Middletown, NY						94	COMPOSITE	1/2	12.0 TTG		U A
4926	COMPOSITE	1/8	3.0 TTG		U A	2182	COMPOSITE	5/8	16.0 TTG		U A
5157	COMPOSITE	1/4	6.0 TTG		U A	95	COMPOSITE	3/4	19.0 TTG		U A
4927	COMPOSITE	3/8	10.0 TTG		U A	5194	COMPOSITE (H)	12 LTG (ip)(A)	(.070)		U A
5158	COMPOSITE	1/2	12.0 TTG		U A	5383	COMPOSITE (H)	12 LTG (ev)(6)(A)	(.030)		U A
Vetzeria F. Illi Paci ; Seregno MB Italy											
5520	COMPOSITE (H)	10 LTG (b)	(.030)		U A						

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SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
		(THICKNESS CLASS)						(THICKNESS CLASS)			
Vitemex ; Reynosa, Tamaulipas Mexico						Wujiang Golden Glass Technologies, Ltd. ; Wujiang City,					
5393	COMPOSITE	1/4	6.0 TTG		U A	5251	COMPOSITE	1/4	6.0 TTG		U A
5394	COMPOSITE	3/8	10.0 TTG		U A	5252	COMPOSITE	5/16	8.0 TTG		U A
5395	COMPOSITE	1/2	12.0 TTG		U A	5253	COMPOSITE	3/8	10.0 TTG		U A
Vitra Vidrios Transformados SA de CV ; Cortes, Honduras						5254	COMPOSITE	1/2	12.0 TTG		U A
5037	COMPOSITE	5/32	4.0 TTG		U A	5255	COMPOSITE	5/8	15.0 TTG		U A
4651	COMPOSITE	3/16	5.0 TTG		U A	5256	COMPOSITE	3/4	19.0 TTG		U A
4652	COMPOSITE	1/4	6.0 TTG		U A	5257	COMPOSITE	(H)	8 LTG (b)(A)	(.030)	U A
4653	COMPOSITE	5/16	8.0 TTG		U A	5258	COMPOSITE	(H)	10 LTG (ip)(A)	(.035)	U A
4654	COMPOSITE	3/8	10.0 TTG		U A	Xinyi Glass (Tianjin) Co. Ltd. ; Tianjin, China					
4655	COMPOSITE	1/2	12.0 TTG		U A	5532	COMPOSITE	3/16	5.0 TTG		U A
Viwinco, Inc. ; Morgantown, PA						5533	COMPOSITE	1/4	6.0 TTG		U A
3074	COMPOSITE	1/8	3.0 TTG		U A	5534	COMPOSITE	5/16	8.0 TTG		U A
3405	COMPOSITE	3/16	5.0 TTG		U A	5535	COMPOSITE	3/8	10.0 TTG		U A
3406	COMPOSITE	(S)	6 LTG (b)(A)	(.090)	U A	5536	COMPOSITE	1/2	12.0 TTG		U A
3408	COMPOSITE	(H)	8 LTG (b)(A)	(.090)	U A	5537	COMPOSITE	5/8	15.0 TTG		U A
W. A. Wilson Inc. ; Wheeling, WV						5538	COMPOSITE	(S)	6 LTG (b)	(.030)	U A
4169	COMPOSITE	1/8	3.0 TTG		U A	5539	COMPOSITE	(H)	8 LTG (b)	(.030)	U A
4170	COMPOSITE	3/16	5.0 TTG		U A	Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong, China					
4171	COMPOSITE	1/4	6.0 TTG		U A	3085	COMP+CAN	3/16	5.0 TTG		U A
4172	COMPOSITE	3/8	10.0 TTG		U A	3053	COMP+CAN	1/4	6.0 TTG		U A
4173	COMPOSITE	1/2	12.0 TTG		U A	4648	COMP+CAN	5/16	8.0 TTG		U A
5173	COMPOSITE	1/8	3.0 TPG (d)		U A	3054	COMP+CAN	3/8	10.0 TTG		U A
4175	COMPOSITE	3/16	5.0 TPG (d)		U A	3055	COMP+CAN	1/2	12.0 TTG		U A
4176	COMPOSITE	3/8	10.0 TPG (s)		U A	4179	COMP+CAN	*	15.0 TTG (3)		U A
White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates						3056	COMP+CAN	(S)	6 LTG (b)(A)	(.030)	U A
4598	COMPOSITE	1/4	6.0 TTG		U A	3489	COMP+CAN	(H)	8-16+ LTG (b)(A)	(.030)	U A
4597	COMPOSITE	5/16	8.0 TTG		U A	Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong, China					
Wholesale Glass Dist. ; Memphis, TN						3736	COMP+CAN	5/32	4.0 TTG		U A
4379	COMPOSITE	3/16	5.0 TTG		U A	3737	COMP+CAN	3/16	5.0 TTG		U A
4380	COMPOSITE	1/4	6.0 TTG		U A	3738	COMP+CAN	1/4	6.0 TTG		U A
4381	COMPOSITE	3/8	10.0 TTG		U A	3739	COMP+CAN	5/16	8.0 TTG		U A
4382	COMPOSITE	1/2	12.0 TTG		U A	3740	COMP+CAN	3/8	10.0 TTG		U A
Wolverine Glass Products, Inc. ; Grand Rapids, MI						3741	COMP+CAN	1/2	12.0 TTG		U A
5425	COMP+CAN	1/8	3.0 TTG		U A	3742	COMP+CAN	3/16	5.0 TBG		U A
5426	COMP+CAN	5/32	4.0 TTG		U A	3743	COMP+CAN	1/4	6.0 TBG		U A
5427	COMP+CAN	3/16	5.0 TTG		U A	Yong Feng Tai Foshan City Glas Co., LTD. ; Foshan, Guangdong, China					
5428	COMP+CAN	1/4	6.0 TTG		U A	4875	ANSI ONLY	3/16	5.0 TTG		U A
5429	COMP+CAN	5/16	8.0 TTG		U A	4876	ANSI ONLY	1/4	6.0 TTG		U A
5430	COMP+CAN	3/8	10.0 TTG		U A	4877	ANSI ONLY	5/16	8.0 TTG		U A
5431	COMP+CAN	1/2	12.0 TTG		U A	5291	ANSI ONLY	3/8	10.0 TTG		U A
WSD Glass, Inc. ; Winston-Salem, NC						5514	ANSI ONLY	1/4	6.0 TBG		U A
4048	COMPOSITE	3/16	5.0 TTG		U A	5515	ANSI ONLY	5/16	8.0 TBG		U A
4049	COMPOSITE	1/4	6.0 TTG		U A	Zhangjiagang City Daming Glass Product Co., Ltd ; Zhangjiagang City, Jiangsu					
4052	COMPOSITE	3/8	10.0 TTG		U A	5464	COMP+CAN	5/16	8.0 TTG		U A
4050	COMPOSITE	1/2	12.0 TTG		U A	5465	COMP+CAN	3/8	10.0 TTG		U A
4051	COMPOSITE	3/16	5.0 TPG (s)		U A	5466	COMP+CAN	1/2	12.0 TTG		U A

Certified Products-Alphabetical By Plant

SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS	SGCC#	TEST STD	INCHES (THICKNESS CLASS)	(MM)	TYPE	MAX SIZE CERTIFIED	ANSI CLASS
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd ; Hangzhou, Zhejiang, China													
5077	COMPOSITE	3/16		5.0 TTG		U A							
5078	COMPOSITE	1/4		6.0 TTG		U A							
5079	COMPOSITE	5/16		8.0 TTG		U A							
5080	COMPOSITE	3/8		10.0 TTG		U A							
5081	COMPOSITE	1/2		12.0 TTG		U A							
5233	COMPOSITE	(H)	10-16+ LTG	(b)(A)	(.030)	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>
<u>Tempered Transparent Glass</u>						
<i>1/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	598	COMP+CAN		285 U	A
AGC Flat Glass North America	Spring Hill, KS	1702	COMP+CAN		500 U	A
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	2507	COMPOSITE		100 U	A
AGC Glass Company North America Building Products Fabrication	Boardman, OH	5471	COMP+CAN		800 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4328	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4715	COMPOSITE		285 U	A
American Insulated Glass Inc.	Conley, GA	5283	COMPOSITE		165 U	A
Amsco Windows	Salt Lake City, UT	2578	COMPOSITE		750 U	A
Anthony International	Madison, GA	3249	COMPOSITE		165 U	A
Anthony International	San Fernando, CA	520	ANSI ONLY		250 U	A
Architectural Glass Products, LLC	St. Louis, MO	4571	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	5127	COMPOSITE		175 U	A
Basco Engineered Products	Hamilton, OH	4139	COMPOSITE		200 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4517	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	4832	COMPOSITE		500 U	A
Cardinal CG	Buford, GA	1921	COMP+CAN		165 U	A
Cardinal CG	Moreno Valley, CA	2293	COMP+CAN		250 U	A
Cardinal CG	Loveland, CO	3579	COMPOSITE		900 U	A
Cardinal CG	Casa Grande, AZ	2878	COMP+CAN		250 U	A
Cardinal CG	Waxahachie, TX	2699	COMP+CAN		175 U	A
Cardinal CG	Galt, CA	2357	COMPOSITE		125 U	A
Cardinal CG	Mazomanie, WI	4780	COMP+CAN		150 U	A
Cardinal CG	Spring Green, WI	2067	COMP+CAN		600 U	A
Cardinal CG	Northfield, MN	1985	COMP+CAN		150 U	A
Cardinal CG	Tumwater, WA	2007	COMP+CAN		195 U	A
Cardinal CT	Utica, OH	4620	COMPOSITE		100 U	A
Cardinal CT	Mount Airy, NC	4578	COMPOSITE		165 U	A
Cardinal CT	Easton, PA	4756	COMPOSITE		100 U	A
Cardinal CT	Adel, GA	5095	COMPOSITE		165 U	A
Cardinal CT - S	Irving TX	5101	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5245	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2909	COMP+CAN		900 U	A
Cardinal IG	Mountain Top, PA	3068	COMP+CAN		100 U	A
Cardinal IG	Vinton, VA	2919	COMP+CAN		100 U	A
Cardinal IG	Greenfield, IA	1827	COMP+CAN		500 U	A
Cardinal IG	Waxahachie, TX	2328	COMP+CAN		175 U	A
Cardinal IG	Fargo, ND	2235	COMP+CAN		150 U	A
Cardinal IG	Spring Green, WI	1831	COMP+CAN		500 U	A
Cardinal IG	Hood River, OR	2831	COMP+CAN		195 U	A
Cardinal IG	Tomah, WI	2317	COMP+CAN		600 U	A
Cardinal IG	Fremont, IN	2176	COMP+CAN		150 U	A
Cardinal IG	Los Angeles, CA	5085	COMPOSITE		250 U	A
Cardinal LG	Ocala, FL	3505	COMPOSITE		285 U	A
Cardinal TG	Chehalis, WA	3455	COMP+CAN		750 U	A
Cardinal TG	Tomah, WI	1804	COMP+CAN		600 U	A
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2904	COMPOSITE		125 U	A
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5351	COMPOSITE		125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>1/8 Inch Tempered Transparent Glass</i>						
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	4657	COMPOSITE	195 U	A	
Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	2432	COMP+CAN	750 U	A	
Changshu Zhouxing Glass Co. Ltd.	Changshu, Jiangsu Province, China	4936	COMPOSITE	125 U	A	
ClearEdge Glass	Baton Rouge, LA	5308	COMPOSITE	900 U	A	
Cleer Vision Tempered Glass	Elkhart, IN	4546	COMPOSITE	200 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1889	COMPOSITE	285 30x76	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3806	COMPOSITE	165 U	A	
Consolidated Glass Corp.	New Castle, PA	1998	COMPOSITE	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1680	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4970	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3464	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	3420	COMPOSITE	165 U	A	
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5260	COMPOSITE	900 U	A	
Dallas Flat Glass	Carrollton, TX	4790	COMPOSITE	175 U	A	
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4055	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	4838	COMPOSITE	900 U	A	
EFCO Corporation	Monett, MO	4121	COMPOSITE	175 U	A	
Engineered Glass Products, L.L.C.	Chicago, IL	4388	COMPOSITE	200 30x72	A	
Flat Glass Distributors	Jacksonville, FL	3822	COMPOSITE	285 U	A	
General Glass	Portland, OR	4031	COMPOSITE	195 U	A	
Glass and Mirror Craft	Wixom, MI	4198	COMP+CAN	150 U	A	
Glass Dynamics, Inc.	Stoneville, NC	2728	COMPOSITE	285 U	A	
Glasswerks LA, Inc. East	South Gate, CA	4804	COMPOSITE	250 U	A	
Glaz-Tech Industries	Englewood, CO	2185	COMPOSITE	250 U	A	
Glenny Glass Co.	Milford, OH	3841	COMPOSITE	200 U	A	
Global Security Glazing	Selma, AL	4764	COMP+CAN	285 U	A	
Goldray Industries Ltd.	Calgary, AB Canada	2444	COMP+CAN	195 U	A	
Grand Glass Windows and Doors Inc.	Mobile, AL	4907	COMPOSITE	165 U	A	
Guardian Fabrication Inc.	Webster, MA	300	COMPOSITE	100 U	A	
Guardian Industries Corp.	Galax, VA	4604	COMP+CAN	285 U	A	
Guardian Industries Corp.	Kingsburg, CA	968	COMPOSITE	125 U	A	
Guardian Industries Corp.	Richburg, SC	1630	COMPOSITE	285 U	A	
Guardian Industries Corp.	DeWitt, IA	2020	COMPOSITE	500 U	A	
Guardian Industries Corp.	Geneva, NY	2259	COMPOSITE	400 U	A	
Guardian Industries Corp.	Corsicana, TX	1248	COMPOSITE	175 U	A	
Guardian Industries Corp.	Carleton, MI	933	COMPOSITE	200 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3859	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	4473	COMPOSITE	150 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2572	COMP+CAN	200 U	A	
Intigral	Walton Hills, OH	2050	COMP+CAN	200 U	A	
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5489	COMPOSITE	125 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3957	COMPOSITE	125 U	A	
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2488	COMPOSITE	100 U	A	
Kohler Company	Union City, TN	1979	COMPOSITE	165 U	A	
Maryland Glass & Mirror	Baltimore, MD	4318	COMPOSITE	100 U	A	
Multiver	Vanier, QC	2498	COMPOSITE	450 U	A	
Nashville Tempered Glass Corp.	Nashville, TN	1416	COMP+CAN	285 U	A	
New Angle Beveling	Hyde, PA	4593	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>						
Northwest Glass, Inc.	Billings, MT	3649	COMPOSITE	750 U	A	
Oldcastle BuildingEnvelope®	Phoenix, AZ	3128	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3496	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Hauppauge, NY	1546	COMP+CAN	400 U	A	
Oldcastle BuildingEnvelope®	Concord, ON	3439	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3156	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Schofield, WI	3167	COMP+CAN	600 U	A	
Oldcastle BuildingEnvelope®	Denver, CO	3310	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	1608	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Moorestown, NJ	3180	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3219	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Wright City, MO	3137	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Albertville, MN	3104	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3250	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2210	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3233	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	1996	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Shawnee, OK	3095	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Rock Hill, SC	3276	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Covington, GA	3329	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Tampa, FL	3116	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Langley, BC	3286	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3144	COMP+CAN	500 U	A	
Oldcastle BuildingEnvelope®	Calgary, AB	3263	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Fremont, CA	3191	COMP+CAN	125 U	A	
Paragon Tempered Glass	Antwerp, OH	2684	COMPOSITE	500 U	A	
Patio Enclosures	Macedonia, OH	2056	COMPOSITE	200 U	A	
Perficom, S.A. de C.V.	San Juan Del Rio, Querétaro, Mexico	4512	COMPOSITE	175 U	A	
PFG Glass	Langley, BC	3538	COMP+CAN	750 U	A	
PGT Industries	Nokomis, FL	2389	COMPOSITE	285 U	A	
PPG Inds. Inc.	Carlisle, PA	250	COMP+CAN	400 U	A	
PPG Inds. Inc.	Barrie, ON	5207	COMP+CAN	800 U	A	
PPG Inds., Inc.	Wichita Falls, TX	1110	COMPOSITE	175 U	A	
Prelco Inc.	Saint-Jacques, NB	4911	COMP+CAN	800 U	A	
Prelco Inc.	Riviere-du-loup, QC	2034	COMP+CAN	800 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5498	COMP+CAN	100 U	A	
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5613	COMPOSITE	125 U	A	
Qinhuangdao Detai Tempered Glass Co., Ltd.	Qinhuangdao, Hebei, China	4156	COMPOSITE	100 U	A	
Qinhuangdao High Tech Energy Saving Dorwin Co., Ltd.	Qinhuangdao, Hebei, China	4635	COMPOSITE	100 U	A	
Qinhuangdao Jingxin Glass Co., Ltd.	Qinhuangdao City, Hebei Province	5280	COMPOSITE	400 U	A	
Qinhuangdao Kunping Safety Glass Co. Ltd.	Qinhuangdao, Hebei, China	3730	COMPOSITE	100 U	A	
Qinhuangdao Qicaishi	Qinhuangdao, Hebei, China	5141	COMPOSITE	100 U	A	
QinHuangDao Tianrui Tempered Technology Glass Co.	Qinhuangdao, Hebei, China	3690	COMPOSITE	100 U	A	
Quaker Window Products, Inc.	Freeburg, MO	2985	COMP+CAN	150 U	A	
Robover Inc.	Quebec City, QC	5199	COMP+CAN	450 U	A	
SAAND London	London, ON Canada	3978	COMP+CAN	400 U	A	
SAAND Ottawa	Stittsville, ON	4949	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	4995	COMP+CAN	400 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/8 Inch Tempered Transparent Glass						
SAAND Toronto	Toronto, ON Canada	2481	COMP+CAN		400 U	A
Saint-Gobain SOVIS	Thierry, France	2769	COMPOSITE		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1334	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3067	COMPOSITE		100 U	A
Shanghai Chunge Glass Co., Ltd.	Shanghai, China	5461	ANSI ONLY		125 U	A
Shwinco Architectural Products LLC	Dotham, AL	5540	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2961	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4979	COMPOSITE		150 U	A
Simonton Windows	Ellenboro, WV	2887	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	3001	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1555	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2654	COMPOSITE		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3787	COMPOSITE		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2547	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2133	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5009	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4847	COMPOSITE		175 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	4830	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4290	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4468	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5303	COMP+CAN		100 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	2889	COMPOSITE		250 U	A
Tri-Star Glass	Tulsa, OK	4004	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4209	COMP+CAN		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4182	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3645	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5341	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2787	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5432	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5316	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4210	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	2959	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4745	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5396	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5183	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1784	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5272	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4749	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4265	COMPOSITE		250 U	A
Tweddell's Inc.	Santa Ana, CA	5384	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2467	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3948	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5462	ANSI ONLY		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	4926	COMPOSITE		400 U	A
Vidrios Marte SA de CV	Azcapotzalco, Distrito Federal Mexico, Mexico	4041	COMPOSITE		900 U	A
View Inc.	Olive Branch, MS	4725	COMPOSITE		175 U	A
Viwinco, Inc.	Morgantown, PA	3074	COMPOSITE		100 U	A
W. A. Wilson Inc.	Wheeling, WV	4169	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>						
Wolverine Glass Products, Inc.	Grand Rapids, MI	5425	COMP+CAN	200 U	A	
<i>5/32 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1703	COMP+CAN	500 U	A	
AGC Flat Glass North America	Greenland, TN	955	COMP+CAN	285 U	A	
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	3421	COMPOSITE	100 U	A	
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4329	COMPOSITE	285 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1754	COMPOSITE	450 U	A	
Amsco Windows	Salt Lake City, UT	4643	COMPOSITE	750 U	A	
Anthony International	San Fernando, CA	2289	ANSI ONLY	250 U	A	
Anthony International	Madison, GA	3027	COMPOSITE	165 U	A	
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5542	COMPOSITE	125 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5558	COMPOSITE	125 U	A	
Cardinal CG	Waxahachie, TX	2700	COMP+CAN	175 U	A	
Cardinal CG	Spring Green, WI	2068	COMP+CAN	600 U	A	
Cardinal CG	Buford, GA	1922	COMP+CAN	165 U	A	
Cardinal CG	Moreno Valley, CA	2294	COMP+CAN	250 U	A	
Cardinal CG	Loveland, CO	3580	COMPOSITE	900 U	A	
Cardinal CG	Casa Grande, AZ	2879	COMP+CAN	250 U	A	
Cardinal CG	Galt, CA	2358	COMPOSITE	125 U	A	
Cardinal CG	Mazomanie, WI	4781	COMP+CAN	150 U	A	
Cardinal CG	Tumwater, WA	2008	COMP+CAN	195 U	A	
Cardinal CG	Northfield, MN	1986	COMP+CAN	150 U	A	
Cardinal CT	Adel, GA	5096	COMPOSITE	165 U	A	
Cardinal CT	Mount Airy, NC	4579	COMPOSITE	165 U	A	
Cardinal CT	Utica, OH	4621	COMPOSITE	100 U	A	
Cardinal CT	Easton, PA	4757	COMPOSITE	100 U	A	
Cardinal CT - S	Irving TX	5102	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5246	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2910	COMP+CAN	900 U	A	
Cardinal IG	Los Angeles, CA	5086	COMPOSITE	250 U	A	
Cardinal IG	Hood River, OR	2858	COMP+CAN	195 U	A	
Cardinal IG	Vinton, VA	2920	COMP+CAN	100 U	A	
Cardinal IG	Fargo, ND	2234	COMP+CAN	150 U	A	
Cardinal IG	Waxahachie, TX	2329	COMP+CAN	175 U	A	
Cardinal IG	Tomah, WI	2318	COMP+CAN	600 U	A	
Cardinal IG	Spring Green, WI	1832	COMP+CAN	500 U	A	
Cardinal IG	Fremont, IN	2177	COMP+CAN	150 U	A	
Cardinal IG	Greenfield, IA	1828	COMP+CAN	500 U	A	
Cardinal IG	Mountain Top, PA	3069	COMP+CAN	100 U	A	
Cardinal LG	Ocala, FL	3506	COMPOSITE	285 U	A	
Cardinal Tempering	Louisville, KY	3871	COMPOSITE	900 U	A	
Cardinal TG	Chehalis, WA	3456	COMP+CAN	750 U	A	
Cardinal TG	Tomah, WI	1805	COMP+CAN	600 U	A	
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2987	COMPOSITE	125 U	A	
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5352	COMPOSITE	125 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3086	COMPOSITE	200 U	A	
Cleer Vision Tempered Glass	Elkhart, IN	4547	COMPOSITE	200 U	A	
Consolidated Glass Corp.	New Castle, PA	1999	COMPOSITE	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	4285	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4971	COMPOSITE	100 U	A	

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Contractors Wardrobe	Valencia, CA	3465	COMP+CAN		250 U	A
Custom Glass Solutions Millbury Corp.	Millbury, OH	1575	COMPOSITE		200 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4056	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4499	COMPOSITE		750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3932	COMP+CAN		125 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5028	COMPOSITE		285 U	A
EFI	Kernersville, NC	5014	COMP+CAN		165 U	A
Engineered Glass Products, L.L.C.	Chicago, IL	2589	COMPOSITE		200 30x72	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4425	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5216	COMPOSITE		285 U	A
Fujiansheng Binchang Metal Products Co., Ltd	Zhang Zhou City, Fujian, China	5110	COMPOSITE		285 U	A
General Glass	Portland, OR	4032	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2928	COMPOSITE		100 U	A
Glass and Mirror Craft	Wixom, MI	5116	COMP+CAN		150 U	A
Glasswerks LA, Inc. West	South Gate CA	5480	COMPOSITE		250 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2445	COMP+CAN		195 U	A
Guardian Fabrication Inc.	Webster, MA	1607	COMPOSITE		100 U	A
Guardian Industries Corp.	Carleton, MI	934	COMPOSITE		200 U	A
Guardian Industries Corp.	DeWitt, IA	2021	COMPOSITE		500 U	A
Guardian Industries Corp.	Corsicana, TX	1249	COMPOSITE		175 U	A
Guardian Industries Corp.	Richburg, SC	1631	COMPOSITE		285 U	A
Guardian Industries Corp.	Kingsburg, CA	969	COMPOSITE		125 U	A
Guardian Industries Corp.	Galax, VA	4605	COMP+CAN		285 U	A
Guardian Industries Corp.	Geneva, NY	2260	COMPOSITE		400 U	A
Innovative Glass of America, Inc.	Dallas, NC	3860	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	4474	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4682	COMP+CAN		100 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2573	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2051	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4303	COMP+CAN		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5195	COMPOSITE		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5292	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3958	COMPOSITE		125 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5377	COMPOSITE		125 U	A
Kohler Company	Union City, TN	1980	COMPOSITE		165 U	A
Multiver	Vanier, QC	2629	COMPOSITE		450 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2497	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2691	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3129	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3330	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3220	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3168	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3192	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3287	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3440	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3311	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3251	COMP+CAN		175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4247	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Shawnee, OK	3096	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Moorestown, NJ	3181	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	1609	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2216	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Albertville, MN	3105	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Wright City, MO	3138	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Rock Hill, SC	3462	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3157	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3234	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Calgary, AB	3264	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3145	COMP+CAN	500 U	A	
Paragon Tempered Glass	Antwerp, OH	2685	COMPOSITE	500 U	A	
Patio Enclosures	Macedonia, OH	2057	COMPOSITE	200 U	A	
PPG Glass	Langley, BC	3539	COMP+CAN	750 U	A	
PG Building Glass Processing	Cape Town, South Africa	4887	COMPOSITE	100 U	A	
PPG Inds. Inc.	Carlisle, PA	675	COMP+CAN	400 U	A	
PPG Inds. Inc.	Barrie, ON	5204	COMP+CAN	800 U	A	
PPG Inds., Inc.	Wichita Falls, TX	1111	COMPOSITE	175 U	A	
Prelco Inc.	Saint-Jacques, NB	4912	COMP+CAN	800 U	A	
Prelco Inc.	Riviere-du-loup, QC	2035	COMP+CAN	800 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5499	COMP+CAN	100 U	A	
PT Abebersa Pratama	Bekasi, Indonesia	3905	COMPOSITE	125 U	A	
Qingdao Jinjing Co., Ltd.	Qingdao City, Shandong China	5617	COMPOSITE	125 U	A	
Quaker Window Products, Inc.	Freeburg, MO	5297	COMP+CAN	150 U	A	
Robover Inc.	Quebec City, QC	5200	COMP+CAN	450 U	A	
SAAND London	London, ON Canada	4278	COMP+CAN	400 U	A	
SAAND Ottawa	Stittsville, ON	4950	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	4996	COMP+CAN	400 U	A	
SAAND Toronto	Toronto, ON Canada	2482	COMP+CAN	400 U	A	
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1332	COMP+CAN	285 U	A	
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3659	COMPOSITE	100 U	A	
Shanghai SYP Engineering Glass	Shanghai, China	4067	COMPOSITE	125 U	A	
SIGCO, Inc.	Westbrook, ME	2962	COMPOSITE	100 U	A	
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3788	COMPOSITE	750 U	A	
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4870	COMPOSITE	285 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3886	COMPOSITE	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	2548	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	2287	COMP+CAN	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	4822	COMPOSITE	285 U	A	
Thermo BSL	Riviere-du-loup, QC	4291	COMP+CAN	800 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4021	COMPOSITE	100 U	A	
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	4035	COMPOSITE	250 U	A	
Tri-Star Glass	Tulsa, OK	4005	COMPOSITE	175 U	A	
Triview Glass Industries	City of Industry, CA	5039	COMP+CAN	250 U	A	
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5397	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4752	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	New Berlin, WI	5317	COMPOSITE	150 U	A	
Trulite Glass and Aluminum Solutions	Vaughan, ON	5507	COMP+CAN	450 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4827	COMP+CAN	285 U	A	

Certified Products-By Product Type

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<i>5/32 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions	San Antonio, TX	3646	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5443	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4183	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4211	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5348	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4478	COMPOSITE		250 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4197	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5463	ANSI ONLY		200 U	A
Vetzeria Valentini S.R.L.	Brescia, Italy	2423	COMPOSITE		400 U	A
View Inc.	Olive Branch, MS	4726	COMPOSITE		175 U	A
Viracon Inc.	Owatonna, MN	4354	COMP+CAN		150 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	5037	COMPOSITE		285 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5426	COMP+CAN		200 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3736	COMP+CAN		285 U	A
<i>3/16 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	220	COMP+CAN		285 U	A
AGC Flat Glass North America	Spring Hill, KS	1704	COMP+CAN		500 U	A
AGC Glass Company North America Building Products Fabrication	Boardman, OH	5473	COMP+CAN		800 U	A
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	2509	COMPOSITE		100 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4846	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4330	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4716	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1755	COMPOSITE		450 U	A
American Insulated Glass Inc.	Conley, GA	5284	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	4616	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2580	COMPOSITE		750 U	A
Anthony International	San Fernando, CA	999	ANSI ONLY		250 U	A
Anthony International	Madison, GA	2352	COMPOSITE		165 U	A
Architectural Glass Products, LLC	St. Louis, MO	4572	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	3583	COMPOSITE		175 U	A
Basco Engineered Products	Hamilton, OH	4724	COMPOSITE		200 U	A
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5543	COMPOSITE		125 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5559	COMPOSITE		125 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4518	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2501	COMPOSITE		500 U	A
Cardinal CG	Spring Green, WI	2069	COMP+CAN		600 U	A
Cardinal CG	Tumwater, WA	2009	COMP+CAN		195 U	A
Cardinal CG	Buford, GA	1923	COMP+CAN		165 U	A
Cardinal CG	Loveland, CO	3581	COMPOSITE		900 U	A
Cardinal CG	Moreno Valley, CA	2295	COMP+CAN		250 U	A
Cardinal CG	Northfield, MN	1987	COMP+CAN		150 U	A
Cardinal CG	Waxahachie, TX	2701	COMP+CAN		175 U	A
Cardinal CG	Mazomanie, WI	5306	COMP+CAN		150 U	A
Cardinal CG	Galt, CA	2359	COMPOSITE		125 U	A
Cardinal CG	Casa Grande, AZ	2880	COMP+CAN		250 U	A
Cardinal CT	Adel, GA	5097	COMPOSITE		165 U	A
Cardinal CT	Easton, PA	4758	COMPOSITE		100 U	A

Certified Products-By Product Type

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<i>3/16 Inch Tempered Transparent Glass</i>						
Cardinal CT	Utica, OH	4622	COMPOSITE	100 U	A	
Cardinal CT	Mount Airy, NC	4580	COMPOSITE	165 U	A	
Cardinal CT - S	Irving TX	5103	COMPOSITE	175 U	A	
Cardinal CT - W	Irving TX	5247	COMPOSITE	175 U	A	
Cardinal FG	Durant, OK	2911	COMP+CAN	900 U	A	
Cardinal IG	Fargo, ND	2233	COMP+CAN	150 U	A	
Cardinal IG	Fremont, IN	2178	COMP+CAN	150 U	A	
Cardinal IG	Mountain Top, PA	3070	COMP+CAN	100 U	A	
Cardinal IG	Vinton, VA	2921	COMP+CAN	100 U	A	
Cardinal IG	Waxahachie, TX	2330	COMP+CAN	175 U	A	
Cardinal IG	Greenfield, IA	1829	COMP+CAN	500 U	A	
Cardinal IG	Spring Green, WI	1833	COMP+CAN	500 U	A	
Cardinal IG	Hood River, OR	2833	COMP+CAN	195 U	A	
Cardinal IG	Tomah, WI	2319	COMP+CAN	600 U	A	
Cardinal IG	Los Angeles, CA	5087	COMPOSITE	250 U	A	
Cardinal LG	Ocala, FL	3507	COMPOSITE	285 U	A	
Cardinal LG	Amery, WI	5193	COMP+CAN	150 U	A	
Cardinal Tempering	Louisville, KY	3872	COMPOSITE	900 U	A	
Cardinal TG	Tomah, WI	1806	COMP+CAN	600 U	A	
Cardinal TG	Chehalis, WA	3458	COMP+CAN	750 U	A	
Changshu Hard Glass Co., Ltd.	Changshu, Jiangsu, China	2988	COMPOSITE	125 U	A	
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5353	COMPOSITE	125 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3087	COMPOSITE	200 U	A	
ClearEdge Glass	Baton Rouge, LA	5310	COMPOSITE	900 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1890	COMPOSITE	285 30x76	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3807	COMPOSITE	165 U	A	
Consolidated Glass Corp.	New Castle, PA	2005	COMPOSITE	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1678	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4972	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3466	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	1910	COMPOSITE	165 U	A	
Custom Glass Solutions Millbury Corp.	Millbury, OH	1576	COMPOSITE	200 U	A	
D3 Glass, LLC	Fort Myers, FL	4834	COMPOSITE	285 U	A	
Dalian Huaying Glass Limited Liability Co.	Liaoning, China	5261	COMPOSITE	900 U	A	
Dallas Flat Glass	Carrollton, TX	4763	COMPOSITE	175 U	A	
Denver Glass Interiors, Inc.	Englewood, CO	3865	COMPOSITE	175 U	A	
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4057	COMPOSITE	750 U	A	
Diamond Sea Glaze	Langley, BC Canada	4500	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	3912	COMPOSITE	900 U	A	
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3933	COMP+CAN	125 U	A	
Downey Glass Industries, LLC	Pompano Beach, FL	2661	COMPOSITE	285 U	A	
EFCO Corporation	Monett, MO	1901	COMPOSITE	175 U	A	
EFI	Kernersville, NC	5208	COMP+CAN	165 U	A	
Engineered Glass Products, L.L.C.	Chicago, IL	2590	COMPOSITE	200 30x72	A	
Fairis C.A.	Ambato, Tungurahua, Ecuador	4426	COMPOSITE	285 U	A	
Flat Glass Distributors	Jacksonville, FL	3823	COMPOSITE	285 U	A	
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5388	COMPOSITE	285 U	A	
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5090	COMPOSITE	285 U	A	

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3/16 Inch Tempered Transparent Glass						
Garibaldi Glass Ind. Inc.	Burnaby, BC	5124	COMP+CAN		750 U	A
General Glass	Portland, OR	4033	COMPOSITE		195 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2226	COMPOSITE		100 U	A
Glass and Mirror Craft	Wixom, MI	4199	COMP+CAN		150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2730	COMPOSITE		285 U	A
Glass Enterprises, Inc.	Bensalem, PA	4628	COMPOSITE		100 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4889	COMPOSITE		125 U	A
Glasswerks LA, Inc. East	South Gate, CA	4805	COMPOSITE		250 U	A
Glasswerks LA, Inc. West	South Gate CA	5481	COMPOSITE		250 U	A
Glaz-Tech Industries	Englewood, CO	2186	COMPOSITE		250 U	A
Glenny Glass Co.	Milford, OH	3843	COMPOSITE		200 U	A
Global Security Glazing	Selma, AL	4765	COMP+CAN		285 U	A
Goldray Industries Ltd.	Calgary, AB Canada	2446	COMP+CAN		195 U	A
Guardian Fabrication Inc.	Webster, MA	1216	COMPOSITE		100 U	A
Guardian Industries Corp.	Kingsburg, CA	970	COMPOSITE		125 U	A
Guardian Industries Corp.	Richburg, SC	1632	COMPOSITE		285 U	A
Guardian Industries Corp.	DeWitt, IA	2022	COMPOSITE		500 U	A
Guardian Industries Corp.	Galax, VA	4606	COMP+CAN		285 U	A
Guardian Industries Corp.	Carleton, MI	631	COMPOSITE		200 U	A
Guardian Industries Corp.	Corsicana, TX	1250	COMPOSITE		175 U	A
Guardian Industries Corp.	Geneva, NY	2261	COMPOSITE		400 U	A
Innovative Glass of America, Inc.	Dallas, NC	3861	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3714	COMPOSITE		150 U	A
Integral Seal Mfg. Inc.	Concord, ON Canada	4683	COMP+CAN		100 U	A
Interglass Corp	Miami, FL	5032	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2574	COMP+CAN		200 U	A
Intigral	Walton Hills, OH	2052	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4304	COMP+CAN		125 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5293	COMPOSITE		125 U	A
JM Glass	Hayward, CA	4928	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3959	COMPOSITE		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2489	COMPOSITE		100 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5378	COMPOSITE		125 U	A
Kohler Company	Union City, TN	1981	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4319	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4925	COMPOSITE		100 U	A
Multiver	Vanier, QC	4524	COMPOSITE		450 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1467	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2692	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4594	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5455	COMPOSITE		400 U	A
Northwest Glass, Inc.	Billings, MT	3650	COMPOSITE		750 U	A
NY Tempering LLC	Maspeth, NY	4900	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3146	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3106	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3441	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	630	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3139	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2211	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3169	COMP+CAN		600 U	A

Certified Products-By Product Type

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3/16 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Fremont, CA	3193	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3312	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3277	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3097	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3221	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3118	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3158	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3497	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1547	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3252	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	1997	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3235	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3331	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3130	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3288	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3182	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3265	COMP+CAN		750 U	A
Paragon Tempered Glass	Antwerp, OH	2686	COMPOSITE		500 U	A
PPG Glass	Langley, BC	3540	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2390	COMPOSITE		285 U	A
PPG Inds. Inc.	Carlisle, PA	249	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5205	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1112	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4913	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2713	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatpec, Tlalnepantla, Mexico	4639	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5500	COMP+CAN		100 U	A
PT Abebersa Pratama	Bekasi, Indonesia	3906	COMPOSITE		125 U	A
Quaker Window Products, Inc.	Freeburg, MO	2986	COMP+CAN		150 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2981	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3745	COMPOSITE		285 U	A
Robover Inc.	Quebec City, QC	5201	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3979	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4951	COMP+CAN		400 U	A
SAAND Rexdale	Rexdale, ON	4997	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	3023	COMP+CAN		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1201	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3636	COMPOSITE		100 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4068	COMPOSITE		125 U	A
Shwinco Architectural Products LLC	Dothan, AL	5541	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2963	COMPOSITE		100 U	A
Simonton Windows	Paris, IL	4978	COMPOSITE		150 U	A
Simonton Windows	Ellenboro, WV	2888	COMPOSITE		100 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5467	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	1871	COMPOSITE		100 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1556	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2957	COMPOSITE		400 U	A
Tai Shan City Da Heng Art Glass Ltd.	Tai Shan, Guangdong, China	3789	COMPOSITE		750 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3887	COMPOSITE		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2549	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1993	COMP+CAN		285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Transparent Glass</i>						
Tempco Glass	Flushing, NY	5010	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4848	COMPOSITE		175 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5177	COMP+CAN		750 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	4823	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4292	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4470	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5304	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4022	COMPOSITE		100 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	2890	COMPOSITE		250 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4075	COMP+CAN		125 U	A
Tri-Star Glass	Tulsa, OK	4006	COMPOSITE		175 U	A
Tri-Star Glass	Grand Prairie, TX	5108	ANSI ONLY		175 U	A
Triview Glass Industries	City of Industry, CA	5040	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4918	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2788	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4746	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5508	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3925	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4212	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5342	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4152	COMP+CAN		285 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4922	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5444	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5273	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	862	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5398	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5185	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1785	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3839	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5318	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4184	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4266	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5337	COMPOSITE		125 U	A
Tweddell's Inc.	Santa Ana, CA	4993	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2468	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3949	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5407	ANSI ONLY		200 U	A
View Inc.	Olive Branch, MS	4727	COMPOSITE		175 U	A
Viracon Inc.	Owatonna, MN	1403	COMP+CAN		150 U	A
Viracon Inc.	Statesboro, GA	2314	COMP+CAN		165 U	A
Viracon Inc.	St. George, UT	5582	COMPOSITE		125 U	A
Virginia Glass Products Corp.	Martinsville, VA	12	COMPOSITE		100 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4651	COMPOSITE		285 U	A
Viwinco, Inc.	Morgantown, PA	3405	COMPOSITE		100 U	A
W. A. Wilson Inc.	Wheeling, WV	4170	COMPOSITE		200 U	A
Wholesale Glass Dist.	Memphis, TN	4379	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5427	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4048	COMPOSITE		165 U	A

Certified Products-By Product Type

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<i>3/16 Inch Tempered Transparent Glass</i>						
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5532	COMPOSITE		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3085	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3737	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4875	ANSI ONLY		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5077	COMPOSITE		125 U	A
<i>1/4 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Spring Hill, KS	1705	COMP+CAN		500 U	A
AGC Flat Glass North America	Greenland, TN	89	COMP+CAN		285 U	A
AGC Glass Company North America Building Products Fabrication	Boardman, OH	5474	COMP+CAN		800 U	A
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	2666	COMPOSITE		100 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4883	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3556	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4331	COMPOSITE		285 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4717	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1756	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5420	COMPOSITE		285 U	A
American Insulated Glass Inc.	Conley, GA	5285	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3039	COMPOSITE		250 U	A
Amsco Windows	Salt Lake City, UT	2581	COMPOSITE		750 U	A
Anthony International	San Fernando, CA	1000	ANSI ONLY		250 U	A
Anthony International	Madison, GA	2353	COMPOSITE		165 U	A
Architectural Glass Products, LLC	St. Louis, MO	4573	COMPOSITE		100 U	A
Arlene Stained Glass & Door	Houston, TX	3584	COMPOSITE		175 U	A
Basco Engineered Products	Hamilton, OH	3810	COMPOSITE		200 U	A
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5544	COMPOSITE		125 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5560	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	4837	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4519	COMPOSITE		100 U	A
Bronco Industries, Inc.	Delta, BC	5366	COMP+CAN		195 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2455	COMPOSITE		500 U	A
Cardinal CG	Buford, GA	1924	COMP+CAN		165 U	A
Cardinal CG	Waxahachie, TX	2702	COMP+CAN		175 U	A
Cardinal CG	Loveland, CO	3555	COMPOSITE		900 U	A
Cardinal CG	Moreno Valley, CA	2296	COMP+CAN		250 U	A
Cardinal CG	Spring Green, WI	2070	COMP+CAN		600 U	A
Cardinal CG	Galt, CA	2360	COMPOSITE		125 U	A
Cardinal CG	Tumwater, WA	2010	COMP+CAN		195 U	A
Cardinal CG	Casa Grande, AZ	2881	COMP+CAN		250 U	A
Cardinal CG	Northfield, MN	1988	COMP+CAN		150 U	A
Cardinal CG	Mazomanie, WI	4783	COMP+CAN		150 U	A
Cardinal CT	Mount Airy, NC	5266	COMPOSITE		165 U	A
Cardinal CT	Utica, OH	5479	COMPOSITE		100 U	A
Cardinal CT	Adel, GA	5364	COMPOSITE		165 U	A
Cardinal CT - S	Irving TX	5104	COMPOSITE		175 U	A
Cardinal CT - W	Irving TX	5248	COMPOSITE		175 U	A
Cardinal FG	Durant, OK	2912	COMP+CAN		900 U	A
Cardinal IG	Waxahachie, TX	2331	COMP+CAN		175 U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
Cardinal IG	Spring Green, WI	1834	COMP+CAN	500 U	A	
Cardinal IG	Mountain Top, PA	3071	COMP+CAN	100 U	A	
Cardinal IG	Hood River, OR	2834	COMP+CAN	195 U	A	
Cardinal IG	Fargo, ND	2232	COMP+CAN	150 U	A	
Cardinal IG	Tomah, WI	2320	COMP+CAN	600 U	A	
Cardinal IG	Fremont, IN	2179	COMP+CAN	150 U	A	
Cardinal IG	Greenfield, IA	1830	COMP+CAN	500 U	A	
Cardinal IG	Vinton, VA	2922	COMP+CAN	100 U	A	
Cardinal LG	Amery, WI	4841	COMP+CAN	150 U	A	
Cardinal LG	Ocala, FL	3508	COMPOSITE	285 U	A	
Cardinal Tempering	Louisville, KY	3873	COMPOSITE	900 U	A	
Cardinal TG	Tomah, WI	1807	COMP+CAN	600 U	A	
Cardinal TG	Chehalis, WA	3459	COMP+CAN	750 U	A	
Changshu Weier Glass Products Co. Ltd.	Changshu, Jiangsu, China	5354	COMPOSITE	125 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3088	COMPOSITE	200 U	A	
Clarus Glassboards	Fort Worth, TX	5528	COMPOSITE	175 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5159	COMPOSITE	200 U	A	
ClearEdge Glass	Baton Rouge, LA	5311	COMPOSITE	900 U	A	
Columbia Commercial Bldg Prod.	Rockwall, TX	4921	COMP+CAN	175 U	A	
Commercial Insulating Glass Co.	Sarasota, FL	1891	COMPOSITE	285 30x76	A	
Commercial Insulating Glass Co.	Cumberland City, TN	3808	COMPOSITE	165 U	A	
Consolidated Glass Corp.	New Castle, PA	2002	COMPOSITE	285 U	A	
Contour Industries, Inc.	Surgoinsville, TN	1677	COMP+CAN	285 U	A	
Contract Glass	Wilmington, MA	4973	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3467	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	1911	COMPOSITE	165 U	A	
Custom Glass Products Inc.	Weston, WI	4002	COMPOSITE	600 U	A	
Custom Glass Solutions Millbury Corp.	Millbury, OH	1577	COMPOSITE	200 U	A	
D3 Glass, LLC	Fort Myers, FL	4795	COMPOSITE	285 U	A	
Dallas Flat Glass	Carrollton, TX	3701	COMPOSITE	175 U	A	
Denver Glass Interiors, Inc.	Englewood, CO	3866	COMPOSITE	175 U	A	
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4146	COMPOSITE	750 U	A	
Diamond Sea Glaze	Langley, BC Canada	4501	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	3913	COMPOSITE	900 U	A	
Dlubak Corporation	Blairsville, PA	3017	COMPOSITE	100 U	A	
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3934	COMP+CAN	125 U	A	
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5029	COMPOSITE	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 Corporation	Monett, MO	1902	COMPOSITE	175 U	A	
EFI	Kernersville, NC	5026	COMP+CAN	165 U	A	
Engineered Glass Products, L.L.C.	Chicago, IL	2698	COMPOSITE	200 30x72	A	
Fairis C.A.	Ambato, Tungurahua, Ecuador	4427	COMPOSITE	285 U	A	
Flat Glass Distributors	Jacksonville, FL	3824	COMPOSITE	285 U	A	
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5491	COMPOSITE	125 U	A	
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5389	COMPOSITE	285 U	A	
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5091	COMPOSITE	285 U	A	

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1/4 Inch Tempered Transparent Glass						
Garibaldi Glass Ind. Inc.	Burnaby, BC	4419	COMP+CAN	750 U	A	
General Glass	Portland, OR	4034	COMPOSITE	195 U	A	
GGI Glass Distributors Corp.	Secaucus, NJ	2227	COMPOSITE	100 U	A	
Glas Works, Inc.	Dania Beach, FL	5019	COMPOSITE	285 U	A	
Glass and Mirror Craft	Wixom, MI	4200	COMP+CAN	150 U	A	
Glass Design of Miami, Inc.	Miami, FL	3453	COMPOSITE	285 U	A	
Glass Dynamics, Inc.	Stoneville, NC	2732	COMPOSITE	285 U	A	
Glass Enterprises, Inc.	Bensalem, PA	4629	COMPOSITE	100 U	A	
GlassFab Tempering Services Inc.	Tracy, CA	4891	COMPOSITE	125 U	A	
Glasswerks LA, Inc. East	South Gate, CA	4806	COMPOSITE	250 U	A	
Glasswerks LA, Inc. West	South Gate CA	5482	COMPOSITE	250 U	A	
Glaz-Tech Industries	Englewood, CO	2187	COMPOSITE	250 U	A	
Glenny Glass Co.	Milford, OH	3844	COMPOSITE	200 U	A	
Global Security Glazing	Selma, AL	4766	COMP+CAN	285 U	A	
Goldray Industries Ltd.	Calgary, AB Canada	2447	COMP+CAN	195 U	A	
Grand Glass Windows and Doors Inc.	Mobile, AL	4909	COMPOSITE	165 U	A	
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3941	COMPOSITE	125 U	A	
Guardian Fabrication Inc.	Webster, MA	662	COMPOSITE	100 U	A	
Guardian Industries Corp.	DeWitt, IA	2023	COMPOSITE	500 U	A	
Guardian Industries Corp.	Geneva, NY	2262	COMPOSITE	400 U	A	
Guardian Industries Corp.	Kingsburg, CA	971	COMPOSITE	125 U	A	
Guardian Industries Corp.	Richburg, SC	1633	COMPOSITE	285 U	A	
Guardian Industries Corp.	Galax, VA	4607	COMP+CAN	285 U	A	
Guardian Industries Corp.	Carleton, MI	131	COMPOSITE	200 U	A	
Guardian Industries Corp.	Corsicana, TX	1251	COMPOSITE	175 U	A	
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4796	COMPOSITE	100 U	A	
Inkan Ltd	Brampton, ON	5135	COMP+CAN	100 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3862	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	3715	COMPOSITE	150 U	A	
Integral Seal Mfg. Inc.	Concord, ON Canada	4684	COMP+CAN	100 U	A	
Interglass Corp	Miami, FL	5033	COMPOSITE	285 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2575	COMP+CAN	200 U	A	
Intigral	Walton Hills, OH	2055	COMP+CAN	200 U	A	
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4305	COMP+CAN	125 U	A	
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5196	COMPOSITE	125 U	A	
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5600	COMPOSITE	125 U	A	
JM Glass	Hayward, CA	4929	COMPOSITE	125 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3960	COMPOSITE	125 U	A	
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2490	COMPOSITE	100 U	A	
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5379	COMPOSITE	125 U	A	
Kohler Company	Union City, TN	1982	COMPOSITE	165 U	A	
Luminous Glass Solutions	Medley, FL	4771	COMPOSITE	285 U	A	
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5410	COMPOSITE	285 U	A	
M/M Tempering Inc.	Loganville, GA	4280	COMPOSITE	165 U	A	
Maryland Glass & Mirror	Baltimore, MD	4320	COMPOSITE	100 U	A	
McGrory Glass	Paulsboro, NJ	4813	COMPOSITE	100 U	A	
Mega Tempering	Brooklyn, NY	4299	COMPOSITE	100 U	A	
Mercer Glass Fab LLC	Trenton, NJ	4254	COMPOSITE	100 U	A	
Milgard Tempering	Dixon, CA	2842	COMPOSITE	125 U	A	

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<i>1/4 Inch Tempered Transparent Glass</i>						
Multiver	Vanier, QC	2499	COMPOSITE		450 U	A
Nashville Tempered Glass Corp.	Nashville, TN	1417	COMP+CAN		285 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	2693	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4595	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5456	COMPOSITE		400 U	A
Northwest Glass, Inc.	Billings, MT	3651	COMPOSITE		750 U	A
NY Tempering LLC	Maspeth, NY	4901	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3289	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	514	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3236	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3313	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3498	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2543	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3222	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3147	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3278	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3131	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3194	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3119	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3332	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3266	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3140	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3253	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1548	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3098	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3442	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2212	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3183	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3107	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3170	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3159	COMP+CAN		175 U	A
Paragon Tempered Glass	Antwerp, OH	2687	COMPOSITE		500 U	A
Patio Enclosures	Macedonia, OH	3015	COMPOSITE		200 U	A
PFG Glass	Langley, BC	3541	COMP+CAN		750 U	A
PGT Industries	Nokomis, FL	2391	COMPOSITE		285 U	A
PPG Inds. Inc.	Carlisle, PA	382	COMP+CAN		400 U	A
PPG Inds. Inc.	Barrie, ON	5206	COMP+CAN		800 U	A
PPG Inds., Inc.	Wichita Falls, TX	1113	COMPOSITE		175 U	A
Prelco Inc.	Saint-Jacques, NB	4914	COMP+CAN		800 U	A
Prelco Inc.	Riviere-du-loup, QC	2015	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4645	COMPOSITE		175 U	A
Produits Verrier International Inc.	Montreal, Quebec	5501	COMP+CAN		100 U	A
Qingdao Apis Glass Industries Ltd.	Shandong	5529	COMPOSITE		285 U	A
Quaker Window Products, Inc.	Freeburg, MO	3485	COMP+CAN		150 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2982	COMPOSITE		500 U	A
Ready Glass & Mirror, Inc.	Hialeah, FL	3746	COMPOSITE		285 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4675	COMPOSITE		150 U	A
RF Supply, Inc.	Bradenton, FL	4225	COMPOSITE		285 U	A
Robover Inc.	Quebec City, QC	5202	COMP+CAN		450 U	A
SAAND London	London, ON Canada	3980	COMP+CAN		400 U	A
SAAND Ottawa	Stittsville, ON	4952	COMP+CAN		400 U	A

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<i>1/4 Inch Tempered Transparent Glass</i>						
SAAND Rexdale	Rexdale, ON	4998	COMP+CAN		400 U	A
SAAND Toronto	Toronto, ON Canada	2484	COMP+CAN		400 U	A
Saint-Gobain SOVIS	Thierry, France	2248	COMPOSITE		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1477	COMP+CAN		285 U	A
SCHOTT Gemtron (Canada) Corporation	Midland, ON Canada	3637	COMPOSITE		100 U	A
Shanghai Mingte Glass Technology Co., Ltd.	Shanghai, China	4933	COMP+CAN		250 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4069	COMPOSITE		125 U	A
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, GuangDong	5436	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	2964	COMPOSITE		100 U	A
Sky Land Tempering Glass Corp	Long Island City, NY	5468	COMPOSITE		100 U	A
Solar Seal Connecticut	Hamden, CT	4523	COMPOSITE		400 U	A
Solar Seal Massachusetts	South Easton, MA	1035	COMPOSITE		100 U	A
Soma Towers LLC	Jiangmen City, Guangdong China	5460	COMPOSITE		750 U	A
Swift Glass Co., Inc.	Elmira Heights, NY	1557	COMPOSITE		400 U	A
Syracuse Glass Co., Inc.	Syracuse, NY	2656	COMPOSITE		400 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5165	COMPOSITE		195 U	A
Tacoma Glass Mfg. Inc.	Lakewood, WA	4730	COMPOSITE		195 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4872	COMPOSITE		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3888	COMPOSITE		750 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2975	COMP+CAN		285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	1994	COMP+CAN		285 U	A
Tempco Glass	Flushing, NY	5011	COMPOSITE		400 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4849	COMPOSITE		175 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5178	COMP+CAN		750 U	A
The Original Frameless Shower Door	Coral Springs, FL	4661	COMPOSITE		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	4824	COMPOSITE		285 U	A
Thermo BSL	Riviere-du-loup, QC	4293	COMP+CAN		800 U	A
Thermoseal Industries, LLC	Gloucester City, NJ	4471	COMPOSITE		100 U	A
Thompson I.G. LLC.	Fenton, MI	5305	COMP+CAN		100 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4023	COMPOSITE		100 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	3094	COMPOSITE		250 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4076	COMP+CAN		125 U	A
Tri-Star Glass	Tulsa, OK	4007	COMPOSITE		175 U	A
Tri-Star Glass	Grand Prairie, TX	5109	ANSI ONLY		175 U	A
Triview Glass Industries	City of Industry, CA	5041	COMP+CAN		250 U	A
Troy Systems LLC	Manassas, VA	4061	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4213	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3326	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5399	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5319	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4923	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5445	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5509	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	Columbus, OH	4747	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1786	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4153	COMP+CAN		285 U	A
Trulite Glass and Aluminum Solutions	Grenada, MS	2789	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5483	COMPOSITE		175 U	A

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1/4 Inch Tempered Transparent Glass						
Trulite Glass and Aluminum Solutions	City of Industry, CA	4185	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	863	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5343	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5184	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5274	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4267	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5338	COMPOSITE		125 U	A
Tweddell's Inc.	Santa Ana, CA	5385	COMP+CAN		250 U	A
United Plate Glass Co., Inc.	Butler, PA	2469	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3950	COMPOSITE		165 U	A
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5408	ANSI ONLY		200 U	A
Upstate Glass Tempering Inc.	Middletown, NY	5157	COMPOSITE		400 U	A
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4966	COMPOSITE		175 U	A
Vidrios Marte SA de CV	Azcapotzalco, Distrito Federal Mexico, Mexico	4042	COMPOSITE		900 U	A
View Inc.	Olive Branch, MS	4728	COMPOSITE		175 U	A
Viracon Inc.	Statesboro, GA	2310	COMP+CAN		165 U	A
Viracon Inc.	St. George, UT	5555	COMPOSITE		125 U	A
Viracon Inc.	Owatonna, MN	1404	COMP+CAN		150 U	A
Virginia Glass Products Corp.	Martinsville, VA	14	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5393	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4652	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4171	COMPOSITE		200 U	A
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4598	COMPOSITE		150 U	A
Wholesale Glass Dist.	Memphis, TN	4380	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5428	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4049	COMPOSITE		165 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5251	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5533	COMPOSITE		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3053	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3738	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4876	ANSI ONLY		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5078	COMPOSITE		125 U	A
5/16 Inch Tempered Transparent Glass						
AGC Flat Glass North America	Greenland, TN	4046	COMP+CAN		285 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3557	COMPOSITE		100 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	2790	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5421	COMPOSITE		285 U	A
Anthony International	Madison, GA	5234	COMPOSITE		165 U	A
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5545	COMPOSITE		125 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5561	COMPOSITE		125 U	A
Cardinal CG	Northfield, MN	4775	COMP+CAN		150 U	A
Cardinal CG	Spring Green, WI	5281	COMP+CAN		600 U	A
Cardinal IG	Greenfield, IA	5435	COMP+CAN		500 U	A
Cardinal LG	Amery, WI	4842	COMP+CAN		150 U	A
Cardinal TG	Tomah, WI	4881	COMP+CAN		600 U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5151	COMPOSITE		195 U	A

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5/16 Inch Tempered Transparent Glass						
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5160	COMPOSITE		200 U	A
Consolidated Glass Corp.	New Castle, PA	3635	COMPOSITE		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4701	COMP+CAN		285 U	A
Contractors Wardrobe	Valencia, CA	3468	COMP+CAN		250 U	A
Diamond Sea Glaze	Langley, BC Canada	4502	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	4839	COMPOSITE		900 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3935	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4132	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	5554	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2851	COMPOSITE		100 U	A
EFCO Corporation	Monett, MO	4154	COMPOSITE		175 U	A
EFI	Kernersville, NC	5209	COMP+CAN		165 U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4428	COMPOSITE		285 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5492	COMPOSITE		125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5390	COMPOSITE		285 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5092	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5219	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	4248	COMPOSITE		100 U	A
Glass Dynamics, Inc.	Stoneville, NC	5259	COMPOSITE		285 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3942	COMPOSITE		125 U	A
Guardian Industries Corp.	Corsicana, TX	1826	COMPOSITE		175 U	A
Guardian Industries Corp.	DeWitt, IA	2024	COMPOSITE		500 U	A
Guardian Industries Corp.	Galax, VA	4608	COMP+CAN		285 U	A
Guardian Industries Corp.	Geneva, NY	3672	COMPOSITE		400 U	A
Guardian Industries Corp.	Richburg, SC	2382	COMPOSITE		285 U	A
Inkan Ltd	Brampton, ON	5136	COMP+CAN		100 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	3025	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4306	COMP+CAN		125 U	A
Jiaxing FOCA Sanitaryware Co., Ltd.	Jiaxing, Zhejiang	5601	COMPOSITE		250 U	A
Jin Yao Chang Tempered Glass Co., Ltd	Guangdong	5294	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3961	COMPOSITE		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2678	COMPOSITE		100 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5380	COMPOSITE		125 U	A
Kohler Company	Union City, TN	4668	COMPOSITE		165 U	A
Mercer Glass Fab LLC	Trenton, NJ	4530	COMPOSITE		100 U	A
Multiver	Vanier, QC	5226	COMPOSITE		450 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3223	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2884	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	5387	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4400	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3443	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4787	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3171	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3267	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	4882	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4180	COMP+CAN		400 U	A

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<i>5/16 Inch Tempered Transparent Glass</i>						
Oldcastle BuildingEnvelope®	Langley, BC	3290	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3796	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3141	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	4443	COMP+CAN		100 U	A
PPG Glass	Langley, BC	3542	COMP+CAN		750 U	A
PPG Inds., Inc.	Wichita Falls, TX	3577	COMPOSITE		175 U	A
Prelco Inc.	Riviere-du-loup, QC	2751	COMP+CAN		800 U	A
Prelco Inc.	Saint-Jacques, NB	4915	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4788	COMPOSITE		175 U	A
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4676	COMPOSITE		150 U	A
SAAND Toronto	Toronto, ON Canada	4356	COMP+CAN		400 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4070	COMPOSITE		125 U	A
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, Guangdong	5437	COMPOSITE		285 U	A
SIGCO, Inc.	Westbrook, ME	5213	COMPOSITE		100 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	4873	COMPOSITE		285 U	A
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3889	COMPOSITE		750 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2134	COMP+CAN		285 U	A
TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5179	COMP+CAN		750 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4024	COMPOSITE		100 U	A
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5220	COMPOSITE		175 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4077	COMP+CAN		125 U	A
Triview Glass Industries	City of Industry, CA	5042	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	Vaughan, ON	5510	COMP+CAN		450 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5320	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	3495	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4994	COMP+CAN		250 U	A
Viracon Inc.	St. George, UT	5556	COMPOSITE		125 U	A
Viracon Inc.	Statesboro, GA	4720	COMP+CAN		165 U	A
Viracon Inc.	Owatonna, MN	3689	COMP+CAN		150 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4653	COMPOSITE		285 U	A
White Aluminum Enterprises LLC	Abu Dhabi, United Arab Emirates	4597	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5429	COMP+CAN		200 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5252	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5534	COMPOSITE		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4648	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3739	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	4877	ANSI ONLY		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5464	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5079	COMPOSITE		125 U	A
<i>3/8 Inch Tempered Transparent Glass</i>						
AGC Flat Glass North America	Greenland, TN	90	COMP+CAN		285 U	A
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4885	COMP+CAN		450 U	A
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3558	COMPOSITE		100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4335	COMPOSITE		285 U	A

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3/8 Inch Tempered Transparent Glass						
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4718	COMPOSITE		285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1757	COMPOSITE		450 U	A
Alumana Industries	Doha, Qatar	5422	COMPOSITE		285 U	A
Aluminum Technology Auxiliary Industries	Doha, Qatar	5084	COMPOSITE		125 U	A
American Insulated Glass Inc.	Conley, GA	5286	COMPOSITE		165 U	A
American Shower Door	Los Angeles, CA	3040	COMPOSITE		250 U	A
Anthony International	Madison, GA	2453	COMPOSITE		165 U	A
Basco Engineered Products	Hamilton, OH	3811	COMPOSITE		200 U	A
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5546	COMPOSITE		125 U	A
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5562	COMPOSITE		125 U	A
Berkowitz, J.E.	Pedricktown, NJ	2646	COMP+CAN		100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	4520	COMPOSITE		100 U	A
Cameron Glass, Inc.	Broken Arrow, OK	2032	COMP+CAN		500 U	A
Cardinal CG	Northfield, MN	4137	COMP+CAN		150 U	A
Cardinal LG	Amery, WI	4843	COMP+CAN		150 U	A
Cardinal Tempering	Louisville, KY	3874	COMPOSITE		900 U	A
Changshu Xingfu Glass Building Material Co., LTD	Changshu, Jiangsu, China	5152	COMPOSITE		195 U	A
Chicago Tempered Glass, Inc.	Chicago, IL	3089	COMPOSITE		200 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5161	COMPOSITE		200 U	A
ClearEdge Glass	Baton Rouge, LA	5313	COMPOSITE		900 U	A
Consolidated Glass Corp.	New Castle, PA	2003	COMPOSITE		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4702	COMP+CAN		285 U	A
Contract Glass	Wilmington, MA	4974	COMPOSITE		100 U	A
Contractors Wardrobe	Valencia, CA	3469	COMP+CAN		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2144	COMPOSITE		165 U	A
D3 Glass, LLC	Fort Myers, FL	4792	COMPOSITE		285 U	A
Dallas Flat Glass	Carrollton, TX	4566	COMPOSITE		175 U	A
Denver Glass Interiors, Inc.	Englewood, CO	3867	COMPOSITE		175 U	A
Deqing Sanxing Plastic Chemical Co. Ltd.	Huzhou, Zhejiang, China	4147	COMPOSITE		750 U	A
Diamond Sea Glaze	Langley, BC Canada	4503	COMPOSITE		750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3914	COMPOSITE		900 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3936	COMP+CAN		125 U	A
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4125	COMP+CAN		285 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2663	COMPOSITE		285 U	A
Eckelt Glas GmbH	Steyr, Austria	2852	COMPOSITE		100 U	A
EFI	Kernersville, NC	5210	COMP+CAN		165 U	A
Fairis C.A.	Ambato, Tungurahua, Ecuador	4429	COMPOSITE		285 U	A
Flat Glass Distributors	Jacksonville, FL	3825	COMPOSITE		285 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5493	COMPOSITE		125 U	A
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5391	COMPOSITE		285 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4420	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	2282	COMPOSITE		100 U	A
Glas Works, Inc.	Dania Beach, FL	5020	COMPOSITE		285 U	A
Glass Design of Miami, Inc.	Miami, FL	3454	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2729	COMPOSITE		285 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4892	COMPOSITE		125 U	A
Glaz-Tech Industries	Englewood, CO	5143	COMPOSITE		250 U	A

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<i>3/8 Inch Tempered Transparent Glass</i>						
Glenny Glass Co.	Milford, OH	3845	COMPOSITE	200 U	A	
Global Security Glazing	Selma, AL	4767	COMP+CAN	285 U	A	
Goldray Industries Ltd.	Calgary, AB Canada	2448	COMP+CAN	195 U	A	
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3943	COMPOSITE	125 U	A	
Guardian Fabrication Inc.	Webster, MA	471	COMPOSITE	100 U	A	
Guardian Industries Corp.	Galax, VA	4609	COMP+CAN	285 U	A	
Guardian Industries Corp.	DeWitt, IA	2545	COMPOSITE	500 U	A	
Guardian Industries Corp.	Corsicana, TX	1253	COMPOSITE	175 U	A	
Guardian Industries Corp.	Geneva, NY	2519	COMPOSITE	400 U	A	
Guardian Industries Corp.	Richburg, SC	1634	COMPOSITE	285 U	A	
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4797	COMPOSITE	100 U	A	
Hartung Glass Industries	Wilsonville, OR	4686	COMPOSITE	195 U	A	
Industrial Tempering Glass	Brooklyn, NY	3418	COMPOSITE	100 U	A	
Inkan Ltd	Brampton, ON	5137	COMP+CAN	100 U	A	
Innovative Glass of America, Inc.	Dallas, NC	3863	COMPOSITE	165 U	A	
Insulite Glass Co., Inc.	Olathe, KS	3716	COMPOSITE	150 U	A	
Interglass Corp	Miami, FL	5034	COMPOSITE	285 U	A	
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2576	COMP+CAN	200 U	A	
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4307	COMP+CAN	125 U	A	
Jiaxing FOCA Sanitaryware Co., Ltd.	Jiaxing, Zhejiang	5602	COMPOSITE	250 U	A	
JM Glass	Hayward, CA	4930	COMPOSITE	125 U	A	
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3962	COMPOSITE	125 U	A	
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5381	COMPOSITE	125 U	A	
Kohler Company	Union City, TN	2434	COMPOSITE	165 U	A	
Luminous Glass Solutions	Medley, FL	4772	COMPOSITE	285 U	A	
M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5411	COMPOSITE	285 U	A	
M/M Tempering Inc.	Loganville, GA	4281	COMPOSITE	165 U	A	
Maryland Glass & Mirror	Baltimore, MD	4321	COMPOSITE	100 U	A	
McGrory Glass	Paulsboro, NJ	4814	COMPOSITE	100 U	A	
Mega Tempering	Brooklyn, NY	4300	COMPOSITE	100 U	A	
Mercer Glass Fab LLC	Trenton, NJ	4255	COMPOSITE	100 U	A	
Multiver	Vanier, QC	5227	COMPOSITE	450 U	A	
Nashville Tempered Glass Corp.	Nashville, TN	2494	COMP+CAN	285 U	A	
Nashville Tempered Glass LLC	Hendersonville, TN	2694	COMP+CAN	285 U	A	
New Angle Beveling	Hyde, PA	4591	COMPOSITE	100 U	A	
New Century Glass & Aluminum LLC	Woodside, NY	5457	COMPOSITE	400 U	A	
Northwest Glass, Inc.	Billings, MT	3652	COMPOSITE	750 U	A	
NY Tempering LLC	Maspeth, NY	4902	COMPOSITE	800 U	U	
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2544	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Tampa, FL	3120	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Denver, CO	3314	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Perrysburg, OH	3237	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Shawnee, OK	3099	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Calgary, AB	3268	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Langley, BC	3291	COMP+CAN	750 U	A	
Oldcastle BuildingEnvelope®	Rock Hill, SC	3279	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Los Angeles, CA	515	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Phoenix, AZ	3132	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Concord, ON	3444	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Albertville, MN	3108	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Warrenton, MO	3148	COMP+CAN	500 U	A	

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3/8 Inch Tempered Transparent Glass						
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3255	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Wright City, MO	3142	COMP+CAN	150 U	A	
Oldcastle BuildingEnvelope®	Fremont, CA	3195	COMP+CAN	125 U	A	
Oldcastle BuildingEnvelope®	Moorestown, NJ	3184	COMP+CAN	100 U	A	
Oldcastle BuildingEnvelope®	Hauppauge, NY	1549	COMP+CAN	400 U	A	
Oldcastle BuildingEnvelope®	Houston, TX	3160	COMP+CAN	175 U	A	
Oldcastle BuildingEnvelope®	Miami, FL	3499	COMP+CAN	285 U	A	
Oldcastle BuildingEnvelope®	Vancouver, WA	3224	COMP+CAN	195 U	A	
Oldcastle BuildingEnvelope®	Covington, GA	3333	COMP+CAN	165 U	A	
Oldcastle BuildingEnvelope®	Schofield, WI	3172	COMP+CAN	600 U	A	
Oldcastle BuildingEnvelope®	Indianapolis, IN	2213	COMP+CAN	150 U	A	
Paragon Tempered Glass	Antwerp, OH	2688	COMPOSITE	500 U	A	
PPG Glass	Langley, BC	3543	COMP+CAN	750 U	A	
PPG Inds., Inc.	Wichita Falls, TX	3578	COMPOSITE	175 U	A	
Prelco Inc.	Riviere-du-loup, QC	2381	COMP+CAN	800 U	A	
Prelco Inc.	Saint-Jacques, NB	4916	COMP+CAN	800 U	A	
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4640	COMPOSITE	175 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5502	COMP+CAN	100 U	A	
Qingdao Apis Glass Industries Ltd.	Shandong	5530	COMPOSITE	285 U	A	
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2983	COMPOSITE	500 U	A	
Ready Glass & Mirror, Inc.	Hialeah, FL	3747	COMPOSITE	285 U	A	
Reem Emirates Aluminum & Glass	Abu Dhabi, United Arab Emirates	4677	COMPOSITE	150 U	A	
RF Supply, Inc.	Bradenton, FL	4226	COMPOSITE	285 U	A	
SAAND London	London, ON Canada	3981	COMP+CAN	400 U	A	
SAAND Ottawa	Stittsville, ON	4953	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	4999	COMP+CAN	400 U	A	
SAAND Toronto	Toronto, ON Canada	4357	COMP+CAN	400 U	A	
Shanghai Mingte Glass Technology Co., Ltd.	Shanghai, China	4934	COMP+CAN	250 U	A	
Shanghai SYP Engineering Glass	Shanghai, China	4071	COMPOSITE	125 U	A	
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, GuangDong	5438	COMPOSITE	285 U	A	
SIGCO, Inc.	Westbrook, ME	2965	COMPOSITE	100 U	A	
Sky Land Tempering Glass Corp	Long Island City, NY	5469	COMPOSITE	100 U	A	
Solar Seal Massachusetts	South Easton, MA	1036	COMPOSITE	100 U	A	
Swift Glass Co., Inc.	Elmira Heights, NY	1558	COMPOSITE	400 U	A	
Syracuse Glass Co., Inc.	Syracuse, NY	2958	COMPOSITE	400 U	A	
Tacoma Glass Mfg. Inc.	Burlington, WA	5166	COMPOSITE	195 U	A	
Tacoma Glass Mfg. Inc.	Lakewood, WA	4731	COMPOSITE	195 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3890	COMPOSITE	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	3062	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	1995	COMP+CAN	285 U	A	
Tempco Glass	Flushing, NY	5012	COMPOSITE	400 U	A	
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4850	COMPOSITE	175 U	A	
The Original Frameless Shower Door	Coral Springs, FL	4662	COMPOSITE	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	4825	COMPOSITE	285 U	A	
Thompson I.G. LLC.	Fenton, MI	5298	COMP+CAN	100 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4025	COMPOSITE	100 U	A	
Tianjin SYP Engineering Glass	Tianjin, China	4078	COMP+CAN	125 U	A	
Tri-Star Glass	Tulsa, OK	4008	COMPOSITE	175 U	A	
Triview Glass Industries	City of Industry, CA	5043	COMP+CAN	250 U	A	

Certified Products-By Product Type

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<i>3/8 Inch Tempered Transparent Glass</i>						
Troy Systems LLC	Manassas, VA	4062	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Vaughan, ON	5511	COMP+CAN	450 U	A	
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4754	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	New Berlin, WI	5321	COMPOSITE	150 U	A	
Trulite Glass and Aluminum Solutions	Orlando, FL	5186	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Youngsville, NC	5275	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4158	COMP+CAN	285 U	A	
Trulite Glass and Aluminum Solutions	Grenada, MS	2840	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5400	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	San Antonio, TX	3327	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Atlanta, GA	865	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	City of Industry, CA	4186	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions	Aurora, CO	5344	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4214	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1787	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Houston, TX	3927	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Tulsa, OK	5446	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4268	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5339	COMPOSITE	125 U	A	
Tweddell's Inc.	Santa Ana, CA	5386	COMP+CAN	250 U	A	
United Plate Glass Co., Inc.	Butler, PA	2470	COMPOSITE	800 U	A	
United Plate Glass Company of Charlotte	Lincolnton, NC	3951	COMPOSITE	165 U	A	
Unitex Glass Chengdu Co., Ltd	Chendu, Sichuan, China	5414	ANSI ONLY	200 U	A	
Upstate Glass Tempering Inc.	Middletown, NY	4927	COMPOSITE	400 U	A	
Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4967	COMPOSITE	175 U	A	
Viracon Inc.	Owatonna, MN	1508	COMP+CAN	150 U	A	
Viracon Inc.	St. George, UT	5557	COMPOSITE	125 U	A	
Viracon Inc.	Statesboro, GA	2311	COMP+CAN	165 U	A	
Virginia Glass Products Corp.	Martinsville, VA	93	COMPOSITE	100 U	A	
Vitemex	Reynosa, Tamaulipas Mexico	5394	COMPOSITE	175 U	A	
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4654	COMPOSITE	285 U	A	
W. A. Wilson Inc.	Wheeling, WV	4172	COMPOSITE	200 U	A	
Wholesale Glass Dist.	Memphis, TN	4381	COMPOSITE	150 U	A	
Wolverine Glass Products, Inc.	Grand Rapids, MI	5430	COMP+CAN	200 U	A	
WSD Glass, Inc.	Winston-Salem, NC	4052	COMPOSITE	165 U	A	
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5253	COMPOSITE	125 U	A	
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5535	COMPOSITE	195 U	A	
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3054	COMP+CAN	125 U	A	
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3740	COMP+CAN	285 U	A	
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5291	ANSI ONLY	285 U	A	
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5465	COMP+CAN	285 U	A	
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5080	COMPOSITE	125 U	A	
<i>1/2 Inch Tempered Transparent Glass</i>						
AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4884	COMP+CAN	450 U	A	
Al Abbar Architectural Glass	Dubai, United Arab Emirates	4590	COMPOSITE	100 U	A	

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<i>1/2 Inch Tempered Transparent Glass</i>						
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4336	COMPOSITE	285 U	A	
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4719	COMPOSITE	285 U	A	
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	1758	COMPOSITE	450 U	A	
Alumana Industries	Doha, Qatar	5423	COMPOSITE	285 U	A	
Aluminum Technology Auxiliary Industries	Doha, Qatar	5212	COMPOSITE	125 U	A	
American Insulated Glass Inc.	Conley, GA	5287	COMPOSITE	165 U	A	
American Shower Door	Los Angeles, CA	3041	COMPOSITE	250 U	A	
Basco Engineered Products	Hamilton, OH	3812	COMPOSITE	200 U	A	
Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5547	COMPOSITE	125 U	A	
Beijing Wuhua Tianbao Glass Co.	Beijing, China	5563	COMPOSITE	125 U	A	
Berkowitz, J.E.	Pedricktown, NJ	1991	COMP+CAN	100 U	A	
Blue Star Glass Inc.	North Brunswick, NJ	4521	COMPOSITE	100 U	A	
Bronco Industries, Inc.	Delta, BC	5368	COMP+CAN	195 U	A	
Cameron Glass, Inc.	Broken Arrow, OK	2033	COMP+CAN	500 U	A	
Cardinal LG	Amery, WI	4844	COMP+CAN	150 U	A	
Cardinal Tempering	Louisville, KY	3875	COMPOSITE	900 U	A	
Chicago Tempered Glass, Inc.	Chicago, IL	3090	COMPOSITE	200 U	A	
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5162	COMPOSITE	200 U	A	
ClearEdge Glass	Baton Rouge, LA	5314	COMPOSITE	900 U	A	
Consolidated Glass Corp.	New Castle, PA	2004	COMPOSITE	285 U	A	
Contract Glass	Wilmington, MA	4975	COMPOSITE	100 U	A	
Contractors Wardrobe	Valencia, CA	3470	COMP+CAN	250 U	A	
Coral Industries Glass Division	Tuscaloosa, AL	2145	COMPOSITE	165 U	A	
D3 Glass, LLC	Fort Myers, FL	4793	COMPOSITE	285 U	A	
Dallas Flat Glass	Carrollton, TX	4567	COMPOSITE	175 U	A	
Denver Glass Interiors, Inc.	Englewood, CO	3868	COMPOSITE	175 U	A	
Diamond Sea Glaze	Langley, BC Canada	4504	COMPOSITE	750 U	A	
Dillmeier Enterprise, Inc.	Van Buren, AR	3915	COMPOSITE	900 U	A	
Dlubak Corporation	Blairsville, PA	3018	COMPOSITE	100 U	A	
Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4126	COMP+CAN	285 U	A	
Downey Glass Industries, LLC	Pompano Beach, FL	2664	COMPOSITE	285 U	A	
EFI	Kernersville, NC	5211	COMP+CAN	165 U	A	
Flat Glass Distributors	Jacksonville, FL	3826	COMPOSITE	285 U	A	
Foshan NanHai ZhongKang YiMeiJia Glass Co. Ltd.	Foshan, Guangdong, China	5392	COMPOSITE	285 U	A	
Garibaldi Glass Ind. Inc.	Burnaby, BC	4421	COMP+CAN	750 U	A	
GGI Glass Distributors Corp.	Secaucus, NJ	2228	COMPOSITE	100 U	A	
Glas Works, Inc.	Dania Beach, FL	5021	COMPOSITE	285 U	A	
Glass and Mirror Craft	Wixom, MI	4202	COMP+CAN	150 U	A	
Glass Design of Miami, Inc.	Miami, FL	3607	COMPOSITE	285 U	A	
Glass Dynamics, Inc.	Stoneville, NC	2733	COMPOSITE	285 U	A	
GlassFab Tempering Services Inc.	Tracy, CA	4890	COMPOSITE	125 U	A	
Glaz-Tech Industries	Englewood, CO	2189	COMPOSITE	250 U	A	
Glenny Glass Co.	Milford, OH	3846	COMPOSITE	200 U	A	
Global Security Glazing	Selma, AL	4768	COMP+CAN	285 U	A	
Goldray Industries Ltd.	Calgary, AB Canada	2449	COMP+CAN	195 U	A	
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3944	COMPOSITE	125 U	A	
Guardian Fabrication Inc.	Webster, MA	1235	COMPOSITE	100 U	A	
Guardian Industries Corp.	Geneva, NY	3673	COMPOSITE	400 U	A	

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1/2 Inch Tempered Transparent Glass						
Guardian Industries Corp.	DeWitt, IA	2649	COMPOSITE		500 U	A
Guardian Industries Corp.	Corsicana, TX	1803	COMPOSITE		175 U	A
Guardian Industries Corp.	Galax, VA	4610	COMP+CAN		285 U	A
Industrial Tempering Glass	Brooklyn, NY	3419	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5138	COMP+CAN		100 U	A
Innovative Glass of America, Inc.	Dallas, NC	3864	COMPOSITE		165 U	A
Insulite Glass Co., Inc.	Olathe, KS	3717	COMPOSITE		150 U	A
Interglass Corp	Miami, FL	5035	COMPOSITE		285 U	A
Intex Glass (Xiamen) Co., Ltd.	Xiamen, Fujian, China	2577	COMP+CAN		200 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4308	COMP+CAN		125 U	A
JM Glass	Hayward, CA	4931	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3963	COMPOSITE		125 U	A
Kibing Special Glass Zhangzhou Co., Ltd.	Zhangzhou, Fujian	5382	COMPOSITE		125 U	A
Kohler Company	Union City, TN	4012	COMPOSITE		165 U	A
Luminous Glass Solutions	Medley, FL	4773	COMPOSITE		285 U	A
M/M Tempering Inc.	Loganville, GA	4282	COMPOSITE		165 U	A
Maryland Glass & Mirror	Baltimore, MD	4322	COMPOSITE		100 U	A
McGrory Glass	Paulsboro, NJ	4815	COMPOSITE		100 U	A
Mega Tempering	Brooklyn, NY	4301	COMPOSITE		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4256	COMPOSITE		100 U	A
Multiver	Vanier, QC	5228	COMPOSITE		450 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	4148	COMP+CAN		285 U	A
New Angle Beveling	Hyde, PA	4592	COMPOSITE		100 U	A
New Century Glass & Aluminum LLC	Woodside, NY	5458	COMPOSITE		400 U	A
NY Tempering LLC	Maspeth, NY	4903	COMPOSITE		800 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3334	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Wright City, MO	3143	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3149	COMP+CAN		500 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2214	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3280	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3185	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3256	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3133	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3269	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3196	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3173	COMP+CAN		600 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2062	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3161	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3315	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1550	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3500	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3238	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3100	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3109	COMP+CAN		150 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	516	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3225	COMP+CAN		195 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3292	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3445	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3121	COMP+CAN		285 U	A
PFG Glass	Langley, BC	3544	COMP+CAN		750 U	A
Prelco Inc.	Saint-Jacques, NB	4917	COMP+CAN		800 U	A

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<i>1/2 Inch Tempered Transparent Glass</i>						
Prelco Inc.	Riviere-du-loup, QC	2048	COMP+CAN	800 U	A	
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4641	COMPOSITE	175 U	A	
Produits Verrier International Inc.	Montreal, Quebec	5503	COMP+CAN	100 U	A	
Qingdao Apis Glass Industries Ltd.	Shandong	5531	COMPOSITE	285 U	A	
Quality Glass & Mirror, Inc.	Mount Prospect, IL	2984	COMPOSITE	500 U	A	
Ready Glass & Mirror, Inc.	Hialeah, FL	3748	COMPOSITE	285 U	A	
RF Supply, Inc.	Bradenton, FL	4227	COMPOSITE	285 U	A	
SAAND Ottawa	Stittsville, ON	4954	COMP+CAN	400 U	A	
SAAND Rexdale	Rexdale, ON	5000	COMP+CAN	400 U	A	
SAAND Toronto	Toronto, ON Canada	4358	COMP+CAN	400 U	A	
Shanghai Mingte Glass Technology Co., Ltd.	Shanghai, China	4935	COMP+CAN	250 U	A	
Shanghai SYP Engineering Glass	Shanghai, China	4072	COMPOSITE	125 U	A	
Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, GuangDong	5439	COMPOSITE	285 U	A	
SIGCO, Inc.	Westbrook, ME	2966	COMPOSITE	100 U	A	
Sky Land Tempering Glass Corp	Long Island City, NY	5470	COMPOSITE	100 U	A	
Solar Seal Massachusetts	South Easton, MA	1037	COMPOSITE	100 U	A	
Swift Glass Co., Inc.	Elmira Heights, NY	1559	COMPOSITE	400 U	A	
Syracuse Glass Co., Inc.	Syracuse, NY	2657	COMPOSITE	400 U	A	
Tacoma Glass Mfg. Inc.	Burlington, WA	5167	COMPOSITE	195 U	A	
Tacoma Glass Mfg. Inc.	Lakewood, WA	4732	COMPOSITE	195 U	A	
Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3891	COMPOSITE	750 U	A	
Techni-Glass, Inc.	Surgoinsville, TN	4509	COMP+CAN	285 U	A	
Tecnoglass S.A.	Barranquilla, Colombia	2135	COMP+CAN	285 U	A	
Tempco Glass	Flushing, NY	5013	COMPOSITE	400 U	A	
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	4851	COMPOSITE	175 U	A	
The Original Frameless Shower Door	Coral Springs, FL	4663	COMPOSITE	285 U	A	
Thermal Seal Insulating Glass	Uxbridge, MA	4826	COMPOSITE	285 U	A	
Thompson I.G. LLC.	Fenton, MI	5299	COMP+CAN	100 U	A	
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4026	COMPOSITE	100 U	A	
Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5221	COMPOSITE	175 U	A	
Tri-Star Glass	Tulsa, OK	4009	COMPOSITE	175 U	A	
Triview Glass Industries	City of Industry, CA	5044	COMP+CAN	250 U	A	
Troy Systems LLC	Manassas, VA	4063	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Knoxville, TN	4159	COMP+CAN	285 U	A	
Trulite Glass and Aluminum Solutions	Youngsville, NC	5276	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4215	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions	Houston, TX	3928	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Columbus, OH	4748	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	Grenada, MS	4601	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Orlando, FL	5187	COMPOSITE	285 U	A	
Trulite Glass and Aluminum Solutions	San Antonio, TX	4277	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	City of Industry, CA	4187	COMPOSITE	250 U	A	
Trulite Glass and Aluminum Solutions	Atlanta, GA	866	COMPOSITE	165 U	A	
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1788	COMPOSITE	100 U	A	
Trulite Glass and Aluminum Solutions	Tulsa, OK	5447	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Aurora, CO	5345	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	New Berlin, WI	5322	COMPOSITE	150 U	A	
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5401	COMPOSITE	175 U	A	
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4753	COMPOSITE	285 U	A	

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<i>1/2 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4269	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions - West	Salt Lake City, UT	5340	COMPOSITE		125 U	A
United Plate Glass Co., Inc.	Butler, PA	2471	COMPOSITE		800 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3952	COMPOSITE		165 U	A
Upstate Glass Tempering Inc.	Middletown, NY	5158	COMPOSITE		400 U	A
Viracon Inc.	Owatonna, MN	1509	COMP+CAN		150 U	A
Virginia Glass Products Corp.	Martinsville, VA	94	COMPOSITE		100 U	A
Vitemex	Reynosa, Tamaulipas Mexico	5395	COMPOSITE		175 U	A
Vitra Vidrios Transformados SA de CV	Cortes, Honduras	4655	COMPOSITE		285 U	A
W. A. Wilson Inc.	Wheeling, WV	4173	COMPOSITE		200 U	A
Wholesale Glass Dist.	Memphis, TN	4382	COMPOSITE		150 U	A
Wolverine Glass Products, Inc.	Grand Rapids, MI	5431	COMP+CAN		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4050	COMPOSITE		165 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5254	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5536	COMPOSITE		195 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3055	COMP+CAN		125 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3741	COMP+CAN		285 U	A
Zhangjiagang City Daming Glass Product Co., Ltd	Zhangjiagang City, Jiangsu	5466	COMP+CAN		285 U	A
Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5081	COMPOSITE		125 U	A
<i>12 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3937	COMP+CAN	(3)	125 U	A
Eckelt Glas GmbH	Steyr, Austria	2853	COMPOSITE	(3)	100 U	A
Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4798	COMPOSITE	(7)	100 U	A
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5129	COMP+CAN	(3)	150 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4079	COMP+CAN	(3)	125 U	A
<i>1/2 Inch Tempered Transparent Glass</i>						
Anthony International	Madison, GA	5018	COMPOSITE		165 U	A
<i>5/8 Inch Tempered Transparent Glass</i>						
SAAND Rexdale	Rexdale, ON	5008	COMP+CAN	(3)	400 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5255	COMPOSITE		125 U	A
Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5537	COMPOSITE		195 U	A
<i>15 mm Tempered Transparent Glass (Conforms to thickness tolerance other than ASTM C1036)</i>						
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3976	COMPOSITE	(4)	100 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5163	COMPOSITE	(4)	200 U	A
Diamond Sea Glaze	Langley, BC Canada	4505	COMPOSITE	(3)	750 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3938	COMP+CAN	(3)	125 U	A
Eckelt Glas GmbH	Steyr, Austria	2854	COMPOSITE	(3)	100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	5125	COMP+CAN	(3)	750 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3945	COMPOSITE	(3)	125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4309	COMP+CAN	(3)	125 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4073	COMPOSITE	(3)	125 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4027	COMPOSITE	(3)	100 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
15 mm Tempered Transparent Glass		<i>(Conforms to thickness tolerance other than ASTM C1036)</i>					
Tianjin SYP Engineering Glass	Tianjin, China	4080	COMP+CAN	(3)		125 U	A
Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	4179	COMP+CAN	(3)		125 U	A
5/8 Inch Tempered Transparent Glass							
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	4355	COMPOSITE			450 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5174	COMPOSITE			100 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3916	COMPOSITE			900 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3857	COMPOSITE			100 U	A
Glass and Mirror Craft	Wixom, MI	4203	COMP+CAN			150 U	A
Glass Dynamics, Inc.	Stoneville, NC	2731	COMPOSITE			285 U	A
Inkan Ltd	Brampton, ON	5139	COMP+CAN			100 U	A
McGrory Glass	Paulsboro, NJ	4816	COMPOSITE			100 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5453	COMP+CAN			285 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3110	COMP+CAN			150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3293	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	4458	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	4181	COMP+CAN			400 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	4054	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3446	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3270	COMP+CAN			750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3239	COMP+CAN			100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4387	COMP+CAN			125 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2063	COMP+CAN			100 U	A
SIGCO, Inc.	Westbrook, ME	4326	COMPOSITE			100 U	A
Techni-Glass, Inc.	Surgoinsville, TN	4510	COMP+CAN			285 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2365	COMP+CAN			285 U	A
Triview Glass Industries	City of Industry, CA	5045	COMP+CAN			250 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5477	COMPOSITE			175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4522	COMPOSITE			250 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4089	COMPOSITE			165 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5323	COMPOSITE			150 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4134	COMPOSITE			100 U	A
Virginia Glass Products Corp.	Martinsville, VA	2182	COMPOSITE			100 U	A
16 mm Tempered Transparent Glass		<i>(Conforms to thickness tolerance other than ASTM C1036)</i>					
Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd	Qinhuangdao, Hebei, China	5130	COMP+CAN	(3)		150 U	A
3/4 Inch Tempered Transparent Glass							
Al Abbar Architectural Glass	Dubai, United Arab Emirates	3977	COMPOSITE			100 U	A
Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4810	COMPOSITE			285 U	A
All Team Glass & Mirror, Ltd.	Woodbridge, ON Canada	3656	COMPOSITE			450 U	A
Basco Engineered Products	Hamilton, OH	5076	COMPOSITE			200 U	A
Berkowitz, J.E.	Pedricktown, NJ	2647	COMP+CAN			100 U	A
Blue Star Glass Inc.	North Brunswick, NJ	5175	COMPOSITE			100 U	A
Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5164	COMPOSITE			200 U	A
Contractors Wardrobe	Valencia, CA	3472	COMP+CAN			250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2644	COMPOSITE			165 U	A
Diamond Sea Glaze	Langley, BC Canada	4506	COMPOSITE			750 U	A
Dillmeier Enterprise, Inc.	Van Buren, AR	3917	COMPOSITE			900 U	A
Dlubak Corporation	Blairsville, PA	3019	COMPOSITE			100 U	A
Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	3939	COMP+CAN			125 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	2665	COMPOSITE			285 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/4 Inch Tempered Transparent Glass</i>						
Eckelt Glas GmbH	Steyr, Austria	2855	COMPOSITE		100 U	A
Garibaldi Glass Ind. Inc.	Burnaby, BC	4422	COMP+CAN		750 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3858	COMPOSITE		100 U	A
Glass and Mirror Craft	Wixom, MI	4204	COMP+CAN		150 U	A
Glass Design of Miami, Inc.	Miami, FL	5237	COMPOSITE		285 U	A
Glass Dynamics, Inc.	Stoneville, NC	2734	COMPOSITE		285 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4893	COMPOSITE		125 U	A
Glaz-Tech Industries	Englewood, CO	2190	COMPOSITE		250 U	A
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3946	COMPOSITE		125 U	A
Guardian Industries Corp.	Galax, VA	4611	COMP+CAN	(IN)	285 U	A
Hartung Glass Industries	Wilsonville, OR	4631	COMPOSITE		195 U	A
Industrial Tempering Glass	Brooklyn, NY	4240	COMPOSITE		100 U	A
Inkan Ltd	Brampton, ON	5140	COMP+CAN		100 U	A
Interglass Corp	Miami, FL	5036	COMPOSITE		285 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4310	COMP+CAN		125 U	A
McGrory Glass	Paulsboro, NJ	4817	COMPOSITE		100 U	A
Nashville Tempered Glass LLC	Hendersonville, TN	5454	COMP+CAN		285 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3294	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	1551	COMP+CAN		400 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	2074	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3257	COMP+CAN		175 U	A
Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	2885	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3335	COMP+CAN		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3271	COMP+CAN		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3240	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3447	COMP+CAN		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3197	COMP+CAN		125 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3111	COMP+CAN		150 U	A
Prelco Inc.	Riviere-du-loup, QC	4904	COMP+CAN		800 U	A
Productos De Valor Agregado en Cristal S.A. de C.V.	San Juan Ixhuatepec, Tlalnepantla, Mexico	4642	COMPOSITE		175 U	A
Quality Glass & Mirror, Inc.	Mount Prospect, IL	3805	COMPOSITE		500 U	A
Shanghai SYP Engineering Glass	Shanghai, China	4074	COMPOSITE		125 U	A
SIGCO, Inc.	Westbrook, ME	4327	COMPOSITE		100 U	A
Solar Seal Massachusetts	South Easton, MA	5527	COMPOSITE		100 U	A
Tacoma Glass Mfg. Inc.	Burlington, WA	5168	COMPOSITE		195 U	A
Tecnoglass S.A.	Barranquilla, Colombia	2894	COMP+CAN		285 U	A
Texas Tempered, a Trulite Glass and Aluminum Solutions Company	Houston, TX	5365	COMPOSITE		175 U	A
Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4028	COMPOSITE		100 U	A
Tianjin SYP Engineering Glass	Tianjin, China	4081	COMP+CAN		125 U	A
Triview Glass Industries	City of Industry, CA	5046	COMP+CAN		250 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4135	COMPOSITE		100 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4371	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5188	COMPOSITE		285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4216	COMPOSITE		250 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5277	COMPOSITE		165 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5406	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5324	COMPOSITE		150 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5346	COMPOSITE		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5478	COMPOSITE		175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/4 Inch Tempered Transparent Glass</i>						
Trulite Glass and Aluminum Solutions	Atlanta, GA	2960	COMPOSITE		165 U	A
Virginia Glass Products Corp.	Martinsville, VA	95	COMPOSITE		100 U	A
Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5256	COMPOSITE		125 U	A
<i>7/8 Inch Tempered Transparent Glass</i>						
Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4535	COMPOSITE		125 U	A
<i>1 Inch Tempered Transparent Glass</i>						
GGI Glass Distributors Corp.	Secaucus, NJ	4774	COMPOSITE	(IN)	100 U	A
<u>Tempered Patterned Glass</u>						
<i>1/8 Inch Tempered Patterned Glass</i>						
AGC Flat Glass North America	Greenland, TN	587	COMP+CAN	(s)	285 U	A
AGC Glass Company North America Building Products Fabrication	Boardman, OH	5475	COMP+CAN	(m)	800 U	A
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	2510	COMPOSITE	(m)	100 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4332	COMPOSITE	(s)	285 U	A
American Insulated Glass Inc.	Conley, GA	5288	COMPOSITE	(m)	165 U	A
Amsco Windows	Salt Lake City, UT	2582	COMPOSITE	(m)	750 U	A
Cardinal CG	Moreno Valley, CA	5335	COMP+CAN	(s)	250 U	A
Cardinal CG	Spring Green, WI	2071	COMP+CAN	(s)	600 U	A
Cardinal CG	Buford, GA	2146	COMP+CAN	(s)	165 U	A
Cardinal CG	Galt, CA	3599	COMPOSITE	(s)	125 U	A
Cardinal CG	Casa Grande, AZ	4103	COMP+CAN	(s)	250 U	A
Cardinal CG	Tumwater, WA	2954	COMP+CAN	(s)	195 U	A
Cardinal CG	Northfield, MN	2011	COMP+CAN	(s)	150 U	A
Cardinal CG	Loveland, CO	4343	COMPOSITE	(s)	900 U	A
Cardinal CT	Adel, GA	5098	COMPOSITE	(d)	165 U	A
Cardinal CT	Easton, PA	4759	COMPOSITE	(s)	100 U	A
Cardinal CT	Utica, OH	4623	COMPOSITE	(s)	100 U	A
Cardinal CT	Mount Airy, NC	4581	COMPOSITE	(s)	165 U	A
Cardinal CT - S	Irving TX	5105	COMPOSITE	(s)	175 U	A
Cardinal CT - W	Irving TX	5249	COMPOSITE	(s)	175 U	A
Cardinal IG	Mountain Top, PA	3073	COMP+CAN	(s)	100 U	A
Cardinal IG	Waxahachie, TX	2397	COMP+CAN	(m)	175 U	A
Cardinal IG	Vinton, VA	2923	COMP+CAN	(s)	100 U	A
Cardinal IG	Tomah, WI	2321	COMP+CAN	(m)	600 U	A
Cardinal IG	Los Angeles, CA	5088	COMPOSITE	(s)	250 U	A
Cardinal IG	Spring Green, WI	1844	COMP+CAN	(s)	500 U	A
Cardinal IG	Fremont, IN	2203	COMP+CAN	(s)	150 U	A
Cardinal IG	Fargo, ND	2231	COMP+CAN	(s)	150 U	A
Cardinal IG	Hood River, OR	2857	COMP+CAN	(s)	195 U	A
Cardinal IG	Greenfield, IA	1841	COMP+CAN	(s)	500 U	A
Cardinal LG	Ocala, FL	4584	COMPOSITE	(m)	285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4703	COMP+CAN	(s)	285 U	A
Contractors Wardrobe	Valencia, CA	3473	COMP+CAN	(m)	250 U	A
Flat Glass Distributors	Jacksonville, FL	3828	COMPOSITE	(m)	285 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4894	COMPOSITE	(s)	125 U	A
Grand Glass Windows and Doors Inc.	Mobile, AL	5071	COMPOSITE	(s)	165 U	A
Guardian Fabrication Inc.	Webster, MA	3604	COMPOSITE	(s)	100 U	A
Guardian Industries Corp.	Corsicana, TX	2458	COMPOSITE	(m)	175 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
1/8 Inch Tempered Patterned Glass							
Guardian Industries Corp.	Richburg, SC	1683	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Galax, VA	4612	COMP+CAN	(s)		285 U	A
Guardian Industries Corp.	Kingsburg, CA	1303	COMPOSITE	(d)		125 U	A
Intigral	Walton Hills, OH	3631	COMP+CAN	(m)		200 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4394	COMPOSITE	(s)		100 U	A
Kohler Company	Union City, TN	1983	COMPOSITE	(m)		165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2420	COMP+CAN	(s)		285 U	A
Northwest Glass, Inc.	Billings, MT	3653	COMPOSITE	(s)		750 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3501	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3226	COMP+CAN	(s)		195 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3242	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3199	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3151	COMP+CAN	(s)		500 u	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3281	COMP+CAN	(s)		165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3272	COMP+CAN	(m)		750 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	4384	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3295	COMP+CAN	(m)		750 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3425	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3134	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3186	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3336	COMP+CAN	(s)		165 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3122	COMP+CAN	(s)		285 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3101	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3317	COMP+CAN	(s)		175 U	A
PFG Glass	Langley, BC	3547	COMP+CAN	(s)		750 U	A
PGT Industries	Nokomis, FL	3880	COMPOSITE	(s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5504	COMP+CAN	(s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	2968	COMP+CAN	(m)		150 U	A
SAAND Rexdale	Rexdale, ON	5003	COMP+CAN	(s)		400 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1422	COMP+CAN	(s)		285 U	A
SIGCO, Inc.	Westbrook, ME	4543	COMPOSITE	(m)		100 U	A
Simonton Windows	Ellenboro, WV	5296	COMPOSITE	(s)		100 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3061	COMP+CAN	(m)		285 U	A
Thermal Seal Insulating Glass	Uxbridge, MA	4831	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4207	COMP+CAN	(m)		285 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	5433	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5347	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3818	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5402	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4188	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5189	COMPOSITE	(s)		285 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4090	COMPOSITE	(s)		165 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4452	COMPOSITE	(s)		100 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4217	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4270	COMPOSITE	(s)		250 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3954	COMPOSITE	(d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	5173	COMPOSITE	(d)		200 U	A
5/32 Inch Tempered Patterned Glass							
AGC Flat Glass North America	Greenland, TN	2980	COMP+CAN	(m)		285 U	A

Certified Products-By Product Type

					<u>Max Size</u>	<u>ANSI</u>
					<u>Certified</u>	<u>CLASS</u>
					<u>Lab ID</u>	
5/32 Inch Tempered Patterned Glass						
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4333	COMPOSITE	(d)	285 U	A
Arlene Stained Glass & Door	Houston, TX	3585	COMPOSITE	(s)	175 U	A
Cardinal CG	Casa Grande, AZ	4104	COMP+CAN	(d)	250 U	A
Cardinal CG	Waxahachie, TX	4047	COMP+CAN	(m)	175 U	A
Cardinal CG	Galt, CA	4347	COMPOSITE	(m)	125 U	A
Cardinal CG	Tumwater, WA	2955	COMP+CAN	(d)	195 U	A
Cardinal CG	Loveland, CO	4344	COMPOSITE	(d)	900 U	A
Cardinal CG	Northfield, MN	2012	COMP+CAN	(d)	150 U	A
Cardinal CT	Easton, PA	4760	COMPOSITE	(d)	100 U	A
Cardinal CT	Mount Airy, NC	4742	COMPOSITE	(m)	165 U	A
Cardinal CT	Adel, GA	5099	COMPOSITE	(d)	165 U	A
Cardinal CT	Utica, OH	4624	COMPOSITE	(s)	100 U	A
Cardinal IG	Vinton, VA	2924	COMP+CAN	(d)	100 U	A
Cardinal IG	Hood River, OR	4836	COMP+CAN	(d)	195 U	A
Cardinal IG	Greenfield, IA	1842	COMP+CAN	(d)	500 U	A
Cardinal IG	Mountain Top, PA	3115	COMP+CAN	(s)	100 U	A
Cardinal IG	Fremont, IN	2204	COMP+CAN	(d)	150 U	A
Cardinal IG	Fargo, ND	2285	COMP+CAN	(m)	150 U	A
Cardinal IG	Spring Green, WI	1845	COMP+CAN	(m)	500 U	A
Cardinal IG	Waxahachie, TX	4091	COMP+CAN	(d)	175 U	A
Cardinal IG	Tomah, WI	2322	COMP+CAN	(d)	600 U	A
ClearEdge Glass	Baton Rouge, LA	5330	COMPOSITE	(d)	900 U	A
Consolidated Glass Corp.	New Castle, PA	2355	COMPOSITE	(m)	285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4704	COMP+CAN	(s)	285 U	A
Contractors Wardrobe	Valencia, CA	3474	COMP+CAN	(d)	250 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5030	COMPOSITE	(s)	285 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5496	COMPOSITE	(s)	125 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5217	COMPOSITE	(s)	285 U	A
Fujiansheng Binchang Metal Products Co., Ltd	Zhang Zhou City, Fujian, China	5111	COMPOSITE	(s)	285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3970	COMPOSITE	(s)	100 U	A
GlassFab Tempering Services Inc.	Tracy, CA	5128	COMPOSITE	(d)	125 U	A
Guardian Fabrication Inc.	Webster, MA	2451	COMPOSITE	(m)	100 U	A
Guardian Industries Corp.	Corsicana, TX	2459	COMPOSITE	(m)	175 U	A
Guardian Industries Corp.	Kingsburg, CA	1301	COMPOSITE	(m)	125 U	A
Guardian Industries Corp.	Richburg, SC	1635	COMPOSITE	(m)	285 U	A
Intigral	Walton Hills, OH	4588	COMP+CAN	(m)	200 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5146	COMPOSITE	(m)	125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4161	COMPOSITE	(m)	125 U	A
Kohler Company	Union City, TN	3532	COMPOSITE	(m)	165 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3273	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3135	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3426	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3337	COMP+CAN	(s)	165 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3177	COMP+CAN	(d)	600 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3296	COMP+CAN	(d)	750 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3102	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3152	COMP+CAN	(s)	500 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3187	COMP+CAN	(d)	100 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3200	COMP+CAN	(s)	125 U	A

Certified Products-By Product Type

		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>5/32 Inch Tempered Patterned Glass</i>							
Oldcastle BuildingEnvelope®	Vancouver, WA	3227	COMP+CAN	(d)		195 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	4396	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3318	COMP+CAN	(d)		175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3112	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3163	COMP+CAN	(d)		175 U	A
PFG Glass	Langley, BC	3548	COMP+CAN	(d)		750 U	A
Quaker Window Products, Inc.	Freeburg, MO	2969	COMP+CAN	(IN)(m)		150 U	A
SCHOTT Gemtron - Sweetwater	Sweetwater, TN	1424	COMP+CAN	(s)		285 U	A
SIGCO, Inc.	Westbrook, ME	2967	COMPOSITE	(s)		100 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5067	COMPOSITE	(m)		285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	5050	COMP+CAN	(m)		285 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	3460	COMPOSITE	(d)		250 U	A
Tri-Star Glass	Tulsa, OK	4010	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5448	COMPOSITE	(d)		175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4372	COMPOSITE	(s)		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3647	COMPOSITE	(m)		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4218	COMPOSITE	(m)		250 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4981	COMP+CAN	(d)		285 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5403	COMPOSITE	(s)		175 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4271	COMPOSITE	(s)		250 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	4636	COMPOSITE	(d)		165 U	A
<i>3/16 Inch Tempered Patterned Glass</i>							
AGC Flat Glass North America	Greenland, TN	1139	COMP+CAN	(s)		285 U	A
AGC Glass Company North America Building Products Fabrication	Quakertown, PA	3698	COMPOSITE	(m)		100 U	A
AGC Glass Company North America Building Products Fabrication	Boardman, OH	5476	COMP+CAN	(m)		800 U	A
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4334	COMPOSITE	(d)		285 U	A
American Insulated Glass Inc.	Conley, GA	5289	COMPOSITE	(s)		165 U	A
Amsco Windows	Salt Lake City, UT	2584	COMPOSITE	(m)		750 U	A
Architectural Glass Products, LLC	St. Louis, MO	4574	COMPOSITE	(s)		100 U	A
Basco Engineered Products	Hamilton, OH	4688	COMPOSITE	(m)		200 U	A
Cardinal CG	Casa Grande, AZ	4105	COMP+CAN	(s)		250 U	A
Cardinal CG	Galt, CA	3601	COMPOSITE	(m)		125 U	A
Cardinal CG	Northfield, MN	2013	COMP+CAN	(m)		150 U	A
Cardinal CG	Loveland, CO	4345	COMPOSITE	(m)		900 U	A
Cardinal CG	Waxahachie, TX	2705	COMP+CAN	(m)		175 U	A
Cardinal CG	Tumwater, WA	2956	COMP+CAN	(m)		195 U	A
Cardinal CG	Moreno Valley, CA	5336	COMP+CAN	(s)		250 U	A
Cardinal CG	Buford, GA	4599	COMP+CAN	(s)		165 U	A
Cardinal CT	Mount Airy, NC	4582	COMPOSITE	(s)		165 U	A
Cardinal CT	Easton, PA	4761	COMPOSITE	(d)		100 U	A
Cardinal CT	Adel, GA	5100	COMPOSITE	(d)		165 U	A
Cardinal CT	Utica, OH	4625	COMPOSITE	(s)		100 U	A
Cardinal CT - S	Irving TX	5106	COMPOSITE	(d)		175 U	A
Cardinal CT - W	Irving TX	5250	COMPOSITE	(d)		175 U	A
Cardinal IG	Los Angeles, CA	5089	COMPOSITE	(m)		250 U	A
Cardinal IG	Tomah, WI	2323	COMP+CAN	(d)		600 U	A
Cardinal IG	Waxahachie, TX	2399	COMP+CAN	(m)		175 U	A

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		<u>SGCC #</u>	<u>Standard</u>		<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>3/16 Inch Tempered Patterned Glass</i>							
Cardinal IG	Fargo, ND	2286	COMP+CAN	(s)		150 U	A
Cardinal IG	Spring Green, WI	1846	COMP+CAN	(s)		500 U	A
Cardinal IG	Hood River, OR	2859	COMP+CAN	(m)		195 U	A
Cardinal IG	Fremont, IN	2205	COMP+CAN	(s)		150 U	A
Cardinal IG	Mountain Top, PA	3072	COMP+CAN	(m)		100 U	A
Cardinal IG	Vinton, VA	3619	COMP+CAN	(s)		100 U	A
Cardinal IG	Greenfield, IA	1843	COMP+CAN	(s)		500 U	A
ClearEdge Glass	Baton Rouge, LA	5331	COMPOSITE	(s)		900 U	A
Consolidated Glass Corp.	New Castle, PA	2354	COMPOSITE	(m)		285 U	A
Contour Industries, Inc.	Surgoinsville, TN	4705	COMP+CAN	(s)		285 U	A
Contractors Wardrobe	Valencia, CA	3475	COMP+CAN	(d)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	1964	COMPOSITE	(d)		165 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	3487	COMPOSITE	(s)		285 U	A
EFCO Corporation	Monett, MO	2143	COMPOSITE	(s)		175 U	A
Flat Glass Distributors	Jacksonville, FL	3830	COMPOSITE	(m)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3971	COMPOSITE	(s)		100 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4895	COMPOSITE	(m)		125 U	A
Glaz-Tech Industries	Englewood, CO	2193	COMPOSITE	(s)		250 U	A
Guardian Fabrication Inc.	Webster, MA	2603	COMPOSITE	(m)		100 U	A
Guardian Industries Corp.	Galax, VA	4613	COMP+CAN	(m)		285 U	A
Guardian Industries Corp.	Kingsburg, CA	1304	COMPOSITE	(m)		125 U	A
Guardian Industries Corp.	Richburg, SC	1865	COMPOSITE	(m)		285 U	A
Guardian Industries Corp.	Corsicana, TX	2460	COMPOSITE	(m)		175 U	A
Interglass Corp	Miami, FL	5119	COMPOSITE	(s)		285 U	A
Jiaxing FOCA Sanitaryware Co., Ltd.	Jiaxing, Zhejiang	5603	COMPOSITE	(s)		250 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4162	COMPOSITE	(m)		125 U	A
Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	4395	COMPOSITE	(s)		100 U	A
Kohler Company	Union City, TN	1984	COMPOSITE	(s)		165 U	A
Nashville Tempered Glass Corp.	Nashville, TN	2417	COMP+CAN	(s)		285 U	A
Northwest Glass, Inc.	Billings, MT	3655	COMPOSITE	(m)		750 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3243	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3136	COMP+CAN	(m)		125 U	A
Oldcastle BuildingEnvelope®	Shawnee, OK	3103	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3274	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3153	COMP+CAN	(m)		500 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3283	COMP+CAN	(d)		165 U	A
Oldcastle BuildingEnvelope®	Langley, BC	3297	COMP+CAN	(d)		750 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3319	COMP+CAN	(m)		175 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3124	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3228	COMP+CAN	(m)		195 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3188	COMP+CAN	(m)		100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	935	COMP+CAN	(s)		125 U	A
Oldcastle BuildingEnvelope®	Concord, ON	4424	COMP+CAN	(s)		100 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3338	COMP+CAN	(m)		165 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3178	COMP+CAN	(d)		600 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	2215	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3113	COMP+CAN	(s)		150 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3502	COMP+CAN	(m)		285 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3427	COMP+CAN	(s)		175 U	A
Oldcastle BuildingEnvelope®	Hauppauge, NY	3492	COMP+CAN	(d)		400 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3201	COMP+CAN	(m)		125 U	A

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<i>3/16 Inch Tempered Patterned Glass</i>						
Oldcastle BuildingEnvelope®	Houston, TX	3164	COMP+CAN (m)		175 U	A
PFG Glass	Langley, BC	3549	COMP+CAN (m)		750 U	A
PGT Industries	Nokomis, FL	3881	COMPOSITE (s)		285 U	A
Produits Verrier International Inc.	Montreal, Quebec	5505	COMP+CAN (s)		100 U	A
Quaker Window Products, Inc.	Freeburg, MO	3486	COMP+CAN (m)		150 U	A
SAAND Rexdale	Rexdale, ON	5005	COMP+CAN (s)		400 U	A
SIGCO, Inc.	Westbrook, ME	3028	COMPOSITE (m)		100 U	A
Solar Seal Massachusetts	South Easton, MA	1939	COMPOSITE (s)		100 U	A
Techni-Glass, Inc.	Surgoinsville, TN	2550	COMP+CAN (m)		285 U	A
TianJin Dong Sung Home Building Materials Co. Ltd.	Tianjin, China	3431	COMPOSITE (m)		250 U	A
Tri-Star Glass	Tulsa, OK	4011	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5325	COMPOSITE (s)		150 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5190	COMPOSITE (m)		285 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	1790	COMPOSITE (s)		100 U	A
Trulite Glass and Aluminum Solutions	Indianapolis, IN	4750	COMPOSITE (s)		285 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	3554	COMPOSITE (s)		165 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4160	COMP+CAN (d)		285 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5349	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5404	COMPOSITE (m)		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4219	COMPOSITE (m)		250 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4373	COMPOSITE (s)		250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	4342	COMPOSITE (m)		175 U	A
Trulite Glass and Aluminum Solutions	Houston, TX	3931	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5449	COMPOSITE (m)		175 U	A
Trulite Glass and Aluminum Solutions	Youngsville, NC	5279	COMPOSITE S		165 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4272	COMPOSITE (m)		250 U	A
United Plate Glass Company of Charlotte	Lincolnton, NC	3955	COMPOSITE (d)		165 U	A
W. A. Wilson Inc.	Wheeling, WV	4175	COMPOSITE (d)		200 U	A
WSD Glass, Inc.	Winston-Salem, NC	4051	COMPOSITE (s)		165 U	A
<i>7/32 Inch Tempered Patterned Glass</i>						
Guardian Fabrication Inc.	Webster, MA	3024	COMPOSITE (s)		100 U	A
<i>1/4 Inch Tempered Patterned Glass</i>						
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4338	COMPOSITE (m)		285 U	A
American Shower Door	Los Angeles, CA	3042	COMPOSITE (s)		250 U	A
Basco Engineered Products	Hamilton, OH	4689	COMPOSITE (s)		200 U	A
Cardinal LG	Ocala, FL	4587	COMPOSITE (s)		285 U	A
Consolidated Glass Corp.	New Castle, PA	4714	COMPOSITE (m)		285 U	A
Contractors Wardrobe	Valencia, CA	3476	COMP+CAN (m)		250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2944	COMPOSITE (d)		165 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4507	COMPOSITE (m)		175 U	A
Dongguan Trillion Aluminum Glass Co., Ltd	Dongguan, Guangdong, China	5031	COMPOSITE (s)		285 U	A
Flat Glass Distributors	Jacksonville, FL	3831	COMPOSITE (s)		285 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5497	COMPOSITE (s)		125 U	A
Fujian Xihe Sanitary Ware Technology Co., Ltd	Nan'an Fujian China	5218	COMPOSITE (s)		285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3972	COMPOSITE (s)		100 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4896	COMPOSITE (m)		125 U	A

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1/4 Inch Tempered Patterned Glass						
Guardian Fabrication Inc.	Webster, MA	4656	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
Guardian Industries Corp.	Corsicana, TX	5142	COMPOSITE	(m)	175 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5198	COMPOSITE	(m)	125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4163	COMPOSITE	(s)	125 U	A
Kohler Company	Union City, TN	2918	COMPOSITE	(IN)(m)	165 U	A
McGrory Glass	Paulsboro, NJ	4818	COMPOSITE	(s)	100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4257	COMPOSITE	(m)	100 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	3125	COMP+CAN	(m)	285 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3229	COMP+CAN	(m)	195 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3320	COMP+CAN	(s)	175 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3165	COMP+CAN	(m)	175 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3561	COMP+CAN	(s)	150 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3907	COMP+CAN	(m)	125 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3275	COMP+CAN	(m)	750 U	A
Oldcastle BuildingEnvelope®	Miami, FL	4477	COMP+CAN	(d)	285 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3284	COMP+CAN	(d)	165 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3999	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3339	COMP+CAN	(m)	165 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3154	COMP+CAN	(m)	500 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3189	COMP+CAN	(m)	100 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	4133	COMP+CAN	(s)	125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	5442	COMP+CAN	(d)	150 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3244	COMP+CAN	(m)	100 U	A
Oldcastle BuildingEnvelope®	Schofield, WI	3179	COMP+CAN	(d)	600 U	A
PFG Glass	Langley, BC	3711	COMP+CAN	(m)	750 U	A
Quaker Window Products, Inc.	Freeburg, MO	2970	COMP+CAN	(IN)(m)	150 U	A
Tai Sheng (Dong Guan) Glass Co.,Ltd	Dongguan, Guangdong, China	5068	COMPOSITE	(m)	285 U	A
Techni-Glass, Inc.	Surgoinsville, TN	3060	COMP+CAN	(m)	285 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4555	COMPOSITE	(m)	165 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5450	COMPOSITE	(m)	175 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4189	COMPOSITE	(s)	250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5326	COMPOSITE	(s)	150 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5191	COMPOSITE	(m)	285 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4220	COMPOSITE	(m)	250 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3819	COMPOSITE	(s)	175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	4980	COMP+CAN	(d)	285 U	A
3/8 Inch Tempered Patterned Glass						
Aldora Aluminum and Glass Products Inc.	Charleston, SC	4339	COMPOSITE	(s)	285 U	A
American Shower Door	Los Angeles, CA	3043	COMPOSITE	(s)	250 U	A
Basco Engineered Products	Hamilton, OH	5203	COMPOSITE	(m)	200 U	A
Consolidated Glass Corp.	New Castle, PA	4785	COMPOSITE	(s)	285 U	A
Contractors Wardrobe	Valencia, CA	3477	COMP+CAN	(s)	250 U	A
Coral Industries Glass Division	Tuscaloosa, AL	2945	COMPOSITE	(d)	165 U	A
D3 Glass, LLC	Fort Myers, FL	4791	COMPOSITE	(m)	285 U	A
Denver Glass Interiors, Inc.	Englewood, CO	4508	COMPOSITE	(s)	175 U	A
Downey Glass Industries, LLC	Pompano Beach, FL	4626	COMPOSITE	(s)	285 U	A
Flat Glass Distributors	Jacksonville, FL	4638	COMPOSITE	(s)	285 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3973	COMPOSITE	(s)	100 U	A
GlassFab Tempering Services Inc.	Tracy, CA	4897	COMPOSITE	(s)	125 U	A

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3/8 Inch Tempered Patterned Glass						
Guardian Industries Corp.	Corsicana, TX	5133	COMPOSITE (m)		175 U	A
Guardian Industries Corp.	Galax, VA	4627	COMP+CAN (s)		285 U	A
Guardian Industries Corp.	Richburg, SC	3003	COMPOSITE (m)		285 U	A
Interglass Corp	Miami, FL	5027	COMPOSITE (s)		285 U	A
McGrory Glass	Paulsboro, NJ	4819	COMPOSITE (s)		100 U	A
Mercer Glass Fab LLC	Trenton, NJ	4258	COMPOSITE (m)		100 U	A
Oldcastle BuildingEnvelope®	Perrysburg, OH	3245	COMP+CAN (m)		100 U	A
Oldcastle BuildingEnvelope®	Grand Prairie, TX	3428	COMP+CAN (s)		175 U	A
Oldcastle BuildingEnvelope®	Los Angeles, CA	3793	COMP+CAN (d)		125 U	A
Oldcastle BuildingEnvelope®	Indianapolis, IN	3259	COMP+CAN (s)		150 U	A
Oldcastle BuildingEnvelope®	Miami, FL	3503	COMP+CAN (s)		285 U	A
Oldcastle BuildingEnvelope®	Moorestown, NJ	3190	COMP+CAN (s)		100 U	A
Oldcastle BuildingEnvelope®	Calgary, AB	3262	COMP+CAN (d)		750 U	A
Oldcastle BuildingEnvelope®	Phoenix, AZ	3729	COMP+CAN (s)		125 U	A
Oldcastle BuildingEnvelope®	Houston, TX	3166	COMP+CAN (s)		175 U	A
Oldcastle BuildingEnvelope®	Concord, ON	3448	COMP+CAN (s)		100 U	A
Oldcastle BuildingEnvelope®	Warrenton, MO	3155	COMP+CAN (d)		500 U	A
Oldcastle BuildingEnvelope®	Rock Hill, SC	3285	COMP+CAN (d)		165 U	A
Oldcastle BuildingEnvelope®	Langley, BC	4710	COMP+CAN (s)		750 U	A
Oldcastle BuildingEnvelope®	Tampa, FL	4340	COMP+CAN (s)		285 U	A
Oldcastle BuildingEnvelope®	Covington, GA	3340	COMP+CAN (s)		165 U	A
Oldcastle BuildingEnvelope®	Albertville, MN	3127	COMP+CAN (m)		150 U	A
Oldcastle BuildingEnvelope®	Denver, CO	3321	COMP+CAN (s)		175 U	A
Oldcastle BuildingEnvelope®	Fremont, CA	3203	COMP+CAN (s)		125 U	A
Oldcastle BuildingEnvelope®	Vancouver, WA	3230	COMP+CAN (m)		195 U	A
SIGCO, Inc.	Westbrook, ME	4206	COMPOSITE (s)		100 U	A
Troy Systems LLC	Manassas, VA	5123	COMPOSITE (s)		100 U	A
Trulite Glass and Aluminum Solutions	Atlanta, GA	4554	COMPOSITE (s)		165 U	A
Trulite Glass and Aluminum Solutions	Fort Worth, TX	5405	COMPOSITE (m)		175 U	A
Trulite Glass and Aluminum Solutions	Pittsburgh, PA	4453	COMPOSITE (s)		100 U	A
Trulite Glass and Aluminum Solutions	San Antonio, TX	3820	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	Orlando, FL	5192	COMPOSITE (s)		285 U	A
Trulite Glass and Aluminum Solutions	City of Industry, CA	4374	COMPOSITE (s)		250 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5327	COMPOSITE (m)		150 U	A
Trulite Glass and Aluminum Solutions	Aurora, CO	5350	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	Las Vegas, NV	4221	COMPOSITE (s)		250 U	A
Trulite Glass and Aluminum Solutions	Tulsa, OK	5451	COMPOSITE (s)		175 U	A
Trulite Glass and Aluminum Solutions	Knoxville, TN	5134	COMP+CAN (s)		285 U	A
Trulite Glass and Aluminum Solutions - East	Salt Lake City, UT	4479	COMPOSITE (s)		250 U	A
W. A. Wilson Inc.	Wheeling, WV	4176	COMPOSITE (s)		200 U	A
1/2 Inch Tempered Patterned Glass						
Coral Industries Glass Division	Tuscaloosa, AL	3817	COMPOSITE (m)		165 U	A
GGI Glass Distributors Corp.	Secaucus, NJ	3974	COMPOSITE (s)		100 U	A
McGrory Glass	Paulsboro, NJ	4820	COMPOSITE (s)		100 U	A
Trulite Glass and Aluminum Solutions	New Berlin, WI	5328	COMPOSITE (s)		150 U	A
Tempered Bent Patterned Glass						
3/16 Inch Tempered Bent Patterned Glass						
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4165	COMPOSITE (m)		125 U	A
1/4 Inch Tempered Bent Patterned Glass						
JYC Glass Co. Ltd.	Foshan, Guangdong, China	4166	COMPOSITE (s)		125 U	A

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6 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5145	COMPOSITE	(s)(2)	100 20x76	A
7 mm Tempered Bent Patterned Glass (Conforms to thickness tolerance other than ASTM C1036)						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	5144	COMPOSITE	(s)(2)	100 16x76	A
Tempered Bent Glass						
5/32 Inch Tempered Bent Glass						
Anthony International	Madison, GA	2305	COMPOSITE		165 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	5370	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3991	COMPOSITE		125 U	A
Saint-Gobain SOVIS	Thierry, France	1992	COMPOSITE		400 L 47x34	A
Vetreria Valentini S.R.L.	Brescia, Italy	4246	COMPOSITE		400 U	A
3/16 Inch Tempered Bent Glass						
Anthony International	Madison, GA	2306	COMPOSITE		165 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	4828	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3992	COMPOSITE		125 U	A
Paragon Tempered Glass	Antwerp, OH	5242	COMPOSITE		500 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3742	COMP+CAN		285 U	A
1/4 Inch Tempered Bent Glass						
Anthony International	Madison, GA	2307	COMPOSITE		165 U	A
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5494	COMPOSITE		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5052	COMP+CAN		125 U	A
Jiaxing Joinbath Corporation	Jiaxing, Zhejiang, China	4389	COMPOSITE		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3993	COMPOSITE		125 U	A
Paragon Tempered Glass	Antwerp, OH	4811	COMPOSITE		500 U	A
Saint-Gobain SOVIS	Thierry, France	1864	COMPOSITE		400 L 47x34	A
Vetreria Valentini S.R.L.	Brescia, Italy	2898	COMPOSITE		400 U	A
Yao Xiang Glass Product Co. Ltd.	Foshan, Guangdong, China	3743	COMP+CAN		285 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5514	ANSI ONLY		285 U	A
6 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2570	COMPOSITE	(2)	100 20x76	A
7 mm Tempered Bent Glass (Conforms to thickness tolerance other than ASTM C1036)						
Bendheim Wall Systems	Wunsiedel-Holenbrunn, Germany	2569	COMPOSITE	(2)	100 16x76	A
5/16 Inch Tempered Bent Glass						
Foshan Gaoming Yaqi Toughened Glass	Foshan City, Guangdong Province	5495	COMPOSITE		125 U	A
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5053	COMP+CAN		125 U	A
JYC Glass Co. Ltd.	Foshan, Guangdong, China	3994	COMPOSITE		125 U	A
Yong Feng Tai Foshan City Glas Co., LTD.	Foshan, Guangdong, China	5515	ANSI ONLY		285 U	A
3/8 Inch Tempered Bent Glass						
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5054	COMP+CAN		125 U	A
1/2 Inch Tempered Bent Glass						
Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	5055	COMP+CAN		125 U	A
Laminated Transparent Glass						
(S) Laminated Transparent Glass						
4-6mm SAAND Rexdale	Rexdale, ON	5001	COMP+CAN	(.030) (b)(A)	400 U	A

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<i>(S) Laminated Transparent Glass</i>						
5-6mm Cardinal LG	Amery, WI	2976	COMP+CAN	(.030) (b)(A)	150 U	A
5-6mm Cardinal LG	Amery, WI	4350	COMP+CAN	(.035) (ip)(A)	150 U	A
5mm Cardinal LG	Amery, WI	4120	COMP+CAN	(.015)(C1) (b)(A)	150 U	B
5-6mm Cardinal LG	Ocala, FL	4361	COMPOSITE	(.035) (ip)(A)	285 U	A
5-6mm Cardinal LG Northeast	Jessup, PA	5224	COMP+CAN	(.030) (b)(A)	400 U	A
5-6mm Pennsylvania Insulating Glass	Lewistown, PA	3918	COMPOSITE	(.030) (b)(A)	100 U	A
5-6mm Protective Insulating Glass	New Braunfels, TX	5235	COMPOSITE	(.030) (b)(A)	175 U	A
5-6mm Trulite Glass and Aluminum Solutions	Grenada, MS	4743	COMPOSITE	(.030) (b)(A)	175 U	A
<i>(S) Laminated Transparent Glass</i>						
6mm Berkowitz, J.E.	Pedricktown, NJ	5222	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Cardinal LG	Ocala, FL	3509	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Consolidated Armor Products, LLC	Addison, TX	5418	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Downey Glass Industries, LLC	Pompano Beach, FL	5121	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4722	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4375	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Glass Dynamics, Inc.	Stoneville, NC	4413	COMPOSITE	(.035) (ip)(A)	285 U	A
6mm GlassFab Tempering Services Inc.	Tracy, CA	4898	COMPOSITE	(.030) (b)(A)	125 U	A
6mm Global Security Glazing	Selma, AL	4769	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4800	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
6mm Guardian Industries Corp.	Galax, VA	4633	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Insulite Glass Co., Inc.	Olathe, KS	3718	COMPOSITE	(.030) (b)(A)	150 U	A
6mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	5369	COMPOSITE	(.035) (b)(A)	100 U	A
6mm Nashville Tempered Glass LLC	Hendersonville, TN	5229	COMP+CAN	(.015) (b)(A)	285 U	B
6mm Oldcastle BuildingEnvelope®	Denver, CO	4455	COMP+CAN	(.035) (ip)(A)	175 U	A
6mm Oldcastle BuildingEnvelope®	Fremont, CA	4457	COMP+CAN	(.060) (ip)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Fremont, CA	4531	COMP+CAN	(.030) (b)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Grand Prairie, TX	5459	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Oldcastle BuildingEnvelope®	Langley, BC	4475	COMP+CAN	(.030) (b)(A)	750 U	B
6mm Oldcastle BuildingEnvelope®	Langley, BC	5599	COMP+CAN	(.035) (ip)(A)	750 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4001	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Miami, FL	4397	COMP+CAN	(.035) (ip)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4346	COMP+CAN	(.030) (b)(A)	125 U	A
6mm Oldcastle BuildingEnvelope®	Covington, GA	4391	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4432	COMP+CAN	(.035) (ip)(A)	100 U	A
6mm Oldcastle BuildingEnvelope®	Hauppauge, NY	3392	COMP+CAN	(.030) (b)(A)	400 U	A
6mm Oldcastle BuildingEnvelope®	Denver, CO	4533	COMP+CAN	(.030) (b)(A)	175 U	A
6mm Oldcastle BuildingEnvelope®	Schofield, WI	3176	COMP+CAN	(.030) (b)(A)	600 U	A
6mm Oldcastle BuildingEnvelope®	Tampa, FL	4448	COMP+CAN	(.030) (b)(A)	285 U	A
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4526	COMP+CAN	(.030) (b)(A)	150 U	A
6mm Oldcastle BuildingEnvelope®	Wright City, MO	4528	COMP+CAN	(.035) (ip)(A)	150 U	A
6mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4700	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5024	COMP+CAN	(.015)(C1) (b)(A)	100 U	B
6mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	5025	COMP+CAN	(.030) (b)(A)	100 U	A
6mm Phoenixia Flat Glass Industries	Nazaret, Ilit Israel	5290	COMPOSITE	(.030) (b)(A)	100 U	A
6mm Prelco Inc.	Riviere-du-loup, QC	4905	COMP+CAN	(.030) (b)(A)	800 U	A
6mm Shanghai SYP Building Glass	Shanghai, China	2779	COMPOSITE	(.030) (b)(A)	125 U	A
6mm Tacoma Glass Mfg. Inc.	Lakewood, WA	5112	COMPOSITE	(.030) (b)(A)	195 U	A
6mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	5490	COMPOSITE	(.030) (b)(A)	750 U	A
6mm Thompson I.G. LLC.	Fenton, MI	5300	COMP+CAN	(.030) (b)(A)	100 U	A

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<i>(S) Laminated Transparent Glass</i>						
6mm Tianjin SYP Engineering Glass	Tianjin, China	4083	COMP+CAN	(.030) (b)(A)	125 U	A
6mm Tri-Star Glass	Tulsa, OK	5441	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Triview Glass Industries	City of Industry, CA	5047	COMP+CAN	(.030) (b)(A)	250 U	A
6mm Trulite Glass and Aluminum Solutions	Houston, TX	5434	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Trulite Glass and Aluminum Solutions	Fort Worth, TX	3603	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Trulite Glass and Aluminum Solutions	New Berlin, WI	3430	COMPOSITE	(.030) (b)(A)	150 U	A
6mm Trulite Glass and Aluminum Solutions	Atlanta, GA	3536	COMPOSITE	(.030) (b)(A)	165 U	A
6mm Trulite Glass and Aluminum Solutions	Orlando, FL	3461	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Trulite Glass and Aluminum Solutions	Columbus, OH	3407	COMPOSITE	(.030) (b)(A)	285 U	A
6mm Trulite Glass and Aluminum Solutions	Youngsville, NC	4437	COMPOSITE	(.030) (b)(A)	165 U	A
6mm Trulite Glass and Aluminum Solutions	City of Industry, CA	4233	COMPOSITE	(.030) (b)(A)	250 U	A
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4968	COMPOSITE	(.030) (b)(A)	175 U	A
6mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	4969	COMPOSITE	(.015)(C1) (b)(A)	175 U	B
6mm Viracon Inc.	Statesboro, GA	5017	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Viracon Inc.	Statesboro, GA	5017	COMP+CAN	(.030) (b)(A)	165 U	A
6mm Viracon Inc.	Owatonna, MN	1637	COMP+CAN	(.030) (b)(A)	150 U	A
6mm Viwinco, Inc.	Morgantown, PA	3406	COMPOSITE	(.090) (b)(A)	100 U	A
6mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5538	COMPOSITE	(.030) (b)	195 U	A
6mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3056	COMP+CAN	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
8-16+mm Al Abbar Architectural Glass	Dubai, United Arab Emirates	3560	COMPOSITE	(.030) (b)(A)	100 U	A
8, 12mm Aldora Aluminum and Glass Products Inc.	Charleston, SC	4337	COMPOSITE	(.060) (lu)(A)	285 U	A
8-16+mm Berkowitz, J.E.	Pedricktown, NJ	3750	COMP+CAN	(.030) (b)(A)	100 U	A
8-12mm Cardinal LG	Amery, WI	2462	COMP+CAN	(.030) (b)(A)	150 U	A
8-12mm Cardinal LG	Ocala, FL	4362	COMPOSITE	(.035) (ip)(A)	285 U	A
8-12mm Cardinal LG	Amery, WI	4351	COMP+CAN	(.035) (ip)(A)	150 U	A
8-12mm Cardinal LG	Ocala, FL	3510	COMPOSITE	(.030) (b)(A)	285 U	A
8-12mm Cardinal LG Northeast	Jessup, PA	5225	COMP+CAN	(.030) (b)(A)	400 U	A
8mm Changshu Zhongxin Bldg. Mat. Co.	Changshu City, China	4363	COMP+CAN	(.090) (b)(A)	750 U	A
8-16+mm Consolidated Armor Products, LLC	Addison, TX	5419	COMP+CAN	(.030) (b)(A)	175 U	A
8-12mm Dongguan CSG Architectural Glass Co., Ltd.	Dongguan, Guangdong, China	4167	COMP+CAN	(.030) (b)(A)	125 U	A
8-12mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4123	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4414	COMPOSITE	(.035) (ip)(A)	285 U	A
8-16+mm Glass Dynamics, Inc.	Stoneville, NC	4376	COMPOSITE	(.030) (b)(A)	285 U	A
8-12mm GlassFab Tempering Services Inc.	Tracy, CA	4899	COMPOSITE	(.030) (b)(A)	125 U	A
8mm Guardian Industries Corp.	Galax, VA	4658	COMP+CAN	(.030) (b)(A)	285 U	A
8-10mm Guardian Industries Corp.	Galax, VA	4829	COMP+CAN	(.075) (b)(p)(el)(6)(A)	285 U	A
8mm Gulf Glass Industries, LLC	Sharjah, United Arab Emirates	4799	COMPOSITE	(.030) (b)(A)	100 U	A
8mm Insulite Glass Co., Inc.	Olathe, KS	3720	COMPOSITE	(.060) (b)(A)	150 U	A
8-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4312	COMP+CAN	(.030) (b)(A)	125 U	A

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<i>(H) Laminated Transparent Glass</i>						
8-12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2748	COMPOSITE	(.090) (ip)(A)	100 U	A
8 & 12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2715	COMPOSITE	(.060) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO	4527	COMP+CAN	(.030) (b)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Tampa, FL	4449	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA	4461	COMP+CAN	(.060) (ip)(A)	125 U	A
8-10, 16+mm Oldcastle BuildingEnvelope®	Langley, BC	5215	COMP+CAN	(.035) (ip)(A)	750 U	A
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4444	COMP+CAN	(.035) (ip)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Wright City, MO	4529	COMP+CAN	(.035) (ip)(A)	150 U	A
8-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4563	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Perrysburg, OH	4446	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Fremont, CA	4460	COMP+CAN	(.030) (b)(A)	125 U	A
8-16+mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4435	COMP+CAN	(.030) (b)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4398	COMP+CAN	(.030) (b)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope®	Pointe-aux-Trembles, QC	4433	COMP+CAN	(.035) (ip)(A)	100 U	A
8-16+mm Oldcastle BuildingEnvelope®	Schofield, WI	4558	COMP+CAN	(.030) (b)(A)	600 U	A
8-16+mm Oldcastle BuildingEnvelope®	Miami, FL	4399	COMP+CAN	(.035) (ip)(A)	285 U	A
8-16+mm Oldcastle BuildingEnvelope®	Houston, TX	4402	COMP+CAN	(.030) (b)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Denver, CO	4454	COMP+CAN	(.030) (b)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Denver, CO	4456	COMP+CAN	(.035) (ip)(A)	175 U	A
8-16+mm Oldcastle BuildingEnvelope®	Langley, BC	4476	COMP+CAN	(.030) (b)(A)	750 U	B
8-12mm Pennsylvania Insulating Glass	Lewistown, PA	3919	COMPOSITE	(.030) (b)(A)	100 U	A
8-12mm PGT Industries	Nokomis, FL	3482	COMPOSITE	(.090) (ip)(A)	285 U	A
8-12mm PGT Industries	Nokomis, FL	2426	COMPOSITE	(.060) (b)(A)	285 U	A
8-16+mm Prelco Inc.	Riviere-du-loup, QC	4906	COMP+CAN	(.030) (b)(A)	800 U	A
8-16+mm SAAND Rexdale	Rexdale, ON	5002	COMP+CAN	(.030) (b)(A)	400 U	A
8mm Shanghai SYP Building Glass	Shanghai, China	4353	COMPOSITE	(.030) (b)(A)	125 U	A
8-16+mm Shanghai SYP Building Glass	Shanghai, China	4807	COMPOSITE	(.035) (ip)(A)	125 U	A
8-12mm Tacoma Glass Mfg. Inc.	Lakewood, WA	4735	COMPOSITE	(.030) (b)(A)	195 U	A
8-16+mm Tecnoglass S.A.	Barranquilla, Colombia	4003	COMP+CAN	(.030) (b)(A)	285 U	A
8mm Thompson I.G. LLC.	Fenton, MI	5302	COMP+CAN	(.060) (b)(A)	100 U	A
8mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4030	COMPOSITE	(.030) (b)(A)	100 U	A
8-16+mm Tianjin SYP Engineering Glass	Tianjin, China	4084	COMP+CAN	(.015) (b)(A)	125 U	B
8mm Triview Glass Industries	City of Industry, CA	5048	COMP+CAN	(.060) (b)(A)	250 U	A
8mm Trulite Glass and Aluminum Solutions	Grenada, MS	4755	COMPOSITE	(.090) (b)(A)	175 U	A

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<i>(H) Laminated Transparent Glass</i>						
8-16+mm Trulite Glass and Aluminum Solutions	Orlando, FL	5484	COMPOSITE	(.030) (b)(A)	285 U	A
8-16+mm Viracon Inc.	Statesboro, GA	4779	COMP+CAN	(.030) (b)(A)	165 U	A
8-16+mm Viracon Inc.	Owatonna, MN	4249	COMP+CAN	(.030) (b)(A)	150 U	A
8mm Viwinco, Inc.	Morgantown, PA	3408	COMPOSITE	(.090) (b)(A)	100 U	A
8mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5257	COMPOSITE	(.030) (b)(A)	125 U	A
8mm Xinyi Glass (Tianjin) Co. Ltd.	Tianjin, China	5539	COMPOSITE	(.030) (b)	195 U	A
8-16+mm Xinyi Group (Glass) Co., Ltd.	Dongguan, Guangdong, China	3489	COMP+CAN	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
10-16+mm Beijing Jinjing Wisdom Co., Ltd	Beijing, China	5548	COMPOSITE	(.045) (b)	125 U	A
10-16+mm Downey Glass Industries, LLC	Pompano Beach, FL	5122	COMPOSITE	(.035) (ip)(A)	285 U	A
10-12mm Fairis C.A.	Ambato, Tungurahua, Ecuador	4430	COMPOSITE	(.030) (b)(A)	285 U	A
10mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5118	COMPOSITE	(.030) (b)(A)	285 U	A
10-16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	3947	COMPOSITE	(.030) (b)(A)	125 U	A
10-12mm Insulite Glass Co., Inc.	Olathe, KS	5513	COMPOSITE	(.030) (b)(A)	150 U	A
10-16+mm Jiangmen SYP Engineering Glass	Jiangmen, Guangdong, China	4575	COMP+CAN	(.060) (ip)(A)	125 U	A
10mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2716	COMPOSITE	(.030) (b)(A)	100 U	A
10mm Louisville Plate Glass Company	Louisville, KY	5093	COMPOSITE	(.060) (lu)(A)(6)	165 U	A
10-12mm McGrory Glass	Paulsboro, NJ	5263	COMPOSITE	(.030) (b)(A)	100 U	A
10-12mm Nashville Tempered Glass LLC	Hendersonville, TN	5230	COMP+CAN	(.030) (b)(A)	285 U	A
10-16+mm Oldcastle BuildingEnvelope®	Covington, GA	4392	COMP+CAN	(.030) (b)(A)	165 U	A
10-16+mm Oldcastle BuildingEnvelope®	Los Angeles, CA	4561	COMP+CAN	(.035) (ip)(A)	125 U	A
10-12mm Oldcastle BuildingEnvelope®	Covington, GA	4393	COMP+CAN	(.035) (ip)(A)	165 U	A
10-16+mm Oldcastle BuildingEnvelope®	Hauppauge, NY	4618	COMP+CAN	(.030) (b)(A)	400 U	A
8-12mm Protective Insulating Glass	New Braunfels, TX	5236	COMPOSITE	(.030) (b)(A)	175 U	A
10-12mm Pulp Studio Inc.	Los Angeles, CA	4711	COMPOSITE	(.030) (b)(A)	250 U	A
10-16+mm Shanghai SYP Building Glass	Shanghai, China	2780	COMPOSITE	(.015) (b)(A)	125 U	B
10-16+mm Shenzhen Kai Tai Glass Co., LTD	Shenzhen City, Guangdong	5440	COMPOSITE	(.030) (b)(A)	285 U	A
10-16+mm TG Changjiang Glass Co., Ltd	Kunshan City, Jiangsu, China	5176	COMP+CAN	(.015) (b)(A)	750 U	B
10-12mm Thompson I.G. LLC.	Fenton, MI	5301	COMP+CAN	(.030) (b)(A)	100 U	A
10mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4106	COMPOSITE	(.045) (b)(A)	100 U	A
10-12mm Tri-Star Glass	Tulsa, OK	4411	COMPOSITE	(.030) (b)(A)	175 U	A
10-12mm Trulite Glass and Aluminum Solutions	Orlando, FL	5485	COMPOSITE	(.035) (ip)(A)	285 U	A
10-16+mm Trulite Glass and Aluminum Solutions	Grenada, MS	4744	COMPOSITE	(.030) (b)(A)	175 U	A
10mm Vetreria F. Illi Paci	Seregno MB Italy	5520	COMPOSITE	(.030) (b)	285 U	A
10mm Vidrio Bisel S.A. de C.V.	Santa Catarina, Nuevo Leon, Mexico	5056	COMPOSITE	(.030) (b)(A)	175 U	A
10mm Wujiang Golden Glass Technologies, Ltd.	Wujiang City,	5258	COMPOSITE	(.035) (ip)(A)	125 U	A

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<i>(H) Laminated Transparent Glass</i>						
10-16+mm Zhejiang Zhongli Energy Efficient Glass Mfg. Co., Ltd	Hangzhou, Zhejiang, China	5233	COMPOSITE	(.030) (b)(A)	125 U	A
<i>(H) Laminated Transparent Glass</i>						
12+mm AGNORA (Architectural Glass North America)	Collingwood, ON Canada	4886	COMP+CAN	(.030) (b)(A)	450 U	A
12mm Aldora Aluminum and Glass Products, Inc.	Miramar, FL	4789	COMPOSITE	(.090) (lu)(A)(6)	285 U	A
12-16+mm Alumana Industries	Doha, Qatar	5424	COMPOSITE	(.060) (b)(A)	285 U	A
12mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5169	COMPOSITE	(.030) (b)(A)	200 U	A
12mm Dolphin Glass Specialists, LLC	Hialeah, FL	4729	COMPOSITE	(.030) (b)(A)	285 U	A
12mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5117	COMPOSITE	(.060) (b)(A)	285 U	A
12-16+mm Galaxy Glass & Stone	Fairfield, NJ	3661	COMPOSITE	(.060) (lu)(A)(6)	100 U	A
12-16+mm Glass and Mirror Craft	Wixom, MI	4924	COMP+CAN	(.035) (ip)(A)	150 U	A
12mm Global Security Glazing	Selma, AL	4770	COMP+CAN	(.060) (b)(A)	285 U	A
12mm Kawneer - (Cranberry) a division of Alcoa	Cranberry Township, PA	2719	COMPOSITE	(.090) (b)(A)	100 U	A
12mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5412	COMPOSITE	(.035) (b)(A)	285 U	A
12mm M Industria S.A. DE C.V.	Merida, Yucatan Mexico	5413	COMPOSITE	(.035) (ip)(A)	285 U	A
12mm Nashville Tempered Glass LLC	Hendersonville, TN	5231	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm Oldcastle BuildingEnvelope®	Houston, TX	4401	COMP+CAN	(.090) (ip)(A)	175 U	A
12mm Oldcastle BuildingEnvelope®	Hauppauge, NY	5355	COMP+CAN	(.035) (ip)(A)	400 U	A
12mm Oldcastle BuildingEnvelope®	Tampa, FL	5051	COMP+CAN	(.035) (ip)(A)	285 U	A
12mm PRL Glass Systems	City of Industry, CA	5605	COMPOSITE	(.030) (b)(A)	125 U	A
12mm Taiwan Glass Industry Corp.	Taipei, Taiwan, China	3893	COMPOSITE	(.030) (b)(A)	750 U	A
12mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4107	COMPOSITE	(.060) (b)(A)	100 U	A
12mm Trulite Glass and Aluminum Solutions	Houston, TX	4667	COMPOSITE	(.030) (b)(A)	175 U	A
12mm TVITEC	Cubillo del Sil, Spain	5519	COMPOSITE	(.070) (ip)(A)	285 U	A
12-16+mm Viracon Inc.	Owatonna, MN	4250	COMP+CAN	(.060) (ip)(A)	150 U	A
12mm Viracon Inc.	Statesboro, GA	4784	COMP+CAN	(.090) (ip)(A)	165 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5194	COMPOSITE	(.070) (ip)(A)	100 U	A
12mm Virginia Glass Products Corp.	Martinsville, VA	5383	COMPOSITE	(.030) (ev)(6)(A)	100 U	A
<i>(H) Laminated Transparent Glass</i>						
16mm Dongguan Dongfa Glass Product Co., Ltd	Dongguan, Guangdong, China	4124	COMP+CAN	(.030) (b)(A)	285 U	A
16+mm Future Architectural Glass LLC	Ras Al Khaimah, United Arab Emirates	5232	COMPOSITE	(.030) (b)(A)	285 U	A
16+mm Guangdong Golden Glass Technologies	Shantou, Guangdong, China	4723	COMPOSITE	(.015) (ip)(A)	125 U	B
16+mm Hartung Glass Industries Lami	Langley, BC Canada	4431	COMPOSITE	(.070) (ip)(A)	750 U	A
16+mm Tianjin CSG Energy Conservation Glass Co., Ltd	Tianjin, China	4108	COMPOSITE	(.090) (b)(A)	100 U	A
<i>(H) Laminated Transparent Glass</i>						
18+mm Tianjin Northglass Industrial Technical Co., Ltd	Tianjin, China	5223	COMPOSITE	(.015) (ip)(A)	175 U	B
<i>(H) Laminated Transparent Glass</i>						
23mm Sanshiba	Takaoka, Toyama	5512	ANSI ONLY	(.060)x2 (ip)(A)	250 U	A
<i>(H) Laminated Transparent Glass</i>						
25+mm Classy Glass Specialties Co., Ltd	Dongguan, Guangdong	5170	COMPOSITE	(.060) (b)(A)	200 U	A

Laminated Specialty Product

July 1, 2015

Certified Products-By Product Type

			<u>SGCC #</u>	<u>Standard</u>	<u>Lab ID</u>	<u>Max Size Certified</u>	<u>ANSI CLASS</u>
<i>(H) Laminated Specialty Product</i>							
8-12mm SAGE Electrochromics Inc.	Faribault, MN		5016	COMP+CAN	(.035) (ip)(A)	150 U	A
<u>Laminated Patterned Glass</u>							
<i>(H) Laminated Patterned Glass</i>							
8-10mm PGT Industries	Nokomis, FL		4801	COMPOSITE	(.060) (s)(b)(A)	285 U	A
8-10mm PGT Industries	Nokomis, FL		4812	COMPOSITE	(.090) (s)(ip)(A)	285 U	A