



safety glazing certification council

January 2024

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



January 2024

Safety Glazing Certification Council Certified Products Directory (CPD)

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

"American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020)"

Copies of ANSI Z97.1-2015 (R2020) may be obtained by calling (212) 642-4900, writing the following address or visiting the following website:

American National Standards Institute
11 W 42nd St., #13th Fl
New York, NY 10036-8002
<https://webstore.ansi.org/SDO/GISC>

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

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

Superintendent of Documents
PO Box 371954
Pittsburg, PA 15250-7954
<https://www.reginfo.gov/public/jsp/eAgenda/GetPrintedCopies.myjsp>

SGCC "Record of Compliance Testing" to support a manufacturer's CPSC Certificate of Compliance Testing may be obtained, when authorized by the SGCC licensee, at
<https://www.sgcc.org/product-search/compliance-testing>

"National Standard of Canada - Tempered or Laminated Safety Glass CAN/CGSB 12.1-2022"

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

The Secretary
Canadian General Standard Board
Ottawa, Canada K1A 1G6
https://publications.gc.ca/collections/collection_2022/ongc-cgsb/P29-012-001-2022-eng.pdf

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

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Table of Contents

ANSI Z97.1-2015(R2020)..... 1

CPSC 16 CFR 1201 1

CAN/CGSB 12.1-2022 1

Meetings of the Certification Committee..... 3

Roster..... 3

Accreditation 5

Program Concept..... 15

Procedural Guide 17

Quality Assurance Program & Requirements..... 18

How the Certification Program Works 19

Complaints and/or Appealing a Certified Product..... 20

What Does the Program Cost 21

Certification Guidelines and Interpretations..... 23

Certification of Tempered Coated Glass 27

Laminated Glass 29

SGCC® Advertising Guidelines..... 34

SGCC® Label Requirements 35

CPSC Act Labeling Requirements 36

Certified Products Listing 37

Certified Products Key..... 78

Classified Tempered Glass Patterns Key..... 79

SGCC® List of Accepted Interlayers 81

SGCC® Approved Laboratories 83

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

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ACCREDITATION

In 2016 the American National Standards Institute (ANSI) issued ISO/IEC 17065 Accreditation to the SGCC® Certification Program and AMS, Inc., the program Administrator and Certification Body (CB). This Accreditation is a formal recognition of fulfilling the requirements of the ISO/IEC 17065:2012 standard, as well as ANSI's own accreditation requirements.

What is Accreditation?

Accreditation is similar to certification. Just like in certification there is an independent party who assesses and determines whether or not an organization meets specific requirements. In the case of ANSI National Accreditation Board (ANAB) assessment of the SGCC® Certification Program and AMS, Inc., they were assessed to ISO standard ISO/IEC 17065:2012. The end result is called accreditation.

Who is ANAB?

ANAB is a non-governmental organization and a wholly-owned subsidiary of American National Standards Institute (ANSI), which is a not-for-profit organization. Consistent with ANSI's nonprofit mission to administer procedures and criteria for accreditation of conformity assessment programs and to encourage organizations to prepare and submit such programs for accreditation, ANAB provides accreditation services, assessment services, and training to public- and private-sector organizations that serve the global marketplace. ANAB assesses and accredits organizations (i.e., conformity assessment bodies or "CABs") to international and domestic standards, requirements, and other programs. ANAB has comprehensive signatory status across multilateral recognition arrangements of the International Accreditation Forum (IAF) and International Laboratory Accreditation Cooperation (ILAC).

Information from: <https://anab.ansi.org/about-anab/>, About ANAB, 2024. Web. January 16, 2024

What is ISO/IEC 17065:2012?

ISO/IEC 17065:2012 is an internationally-recognized standard for bodies certifying products, processes and services. It is the main source of criteria used to assess the SGCC® Certification Program and AMS, Inc. The standard specifies requirements that, according to ISO/IEC 17065:2012, "ensure that certification bodies operate certification programs in a competent, consistent and impartial manner...".

How will this affect my Certification?

Accreditation of the SGCC® Certification Program and AMS, Inc. is the formal recognition that they have met strict requirements placed on them. This means that as a manufacturer, operator, or provider of certified products, you can be sure that the SGCC® Certification Program is operated to some of the highest quality standards in the world. Because the SGCC® Certification Program and AMS, Inc. have always followed stringent guidelines there will be minimal changes to the certification program. When changes are necessary though, you will be notified in advance.

Though the SGCC® Certification Program requirements won't change much due to the accreditation, it does offer an opportunity for manufacturers to show conformance to an ANAB-Accredited certification program, an invaluable association to set you apart in the market. For more information, and restrictions and limitations, please contact AMS, Inc.

Disclaimers

While there are significant benefits to being associated with this accreditation, accreditation doesn't mean that ANAB approves certified products, processes, or services of Licensees. In addition, the ANAB Accreditation symbol and ANAB logo are not permitted to be displayed on any product or its packaging.

Questions or Want to Learn More?

If you have any questions or need additional information regarding any of the topics presented above, please feel free to contact AMS, Inc. at (315) 646-2234, or email us at sgcc@amscert.com.

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| Nissink Business Glass BV | Robert Nissink | Esther vd Berg | |
| NOLA Showers, L.L.C. | Brian Laborde | | |
| Norfinch Glass & Mirror Mfg. Ltd. | Barrington Timoll | Henry Pham | |
| Northwestern Glass Fab | Stan Muriska | | |
| Northwestern Industries, Inc- Yuma, AZ | John Butler | | |
| Novatech Canada Inc. | Marie-Eve Bouchard | François Dubé | |
| Novavetro S.r.l. | Cristiano Lucentini | Giuliano Toniolo | |
| Oldcastle BuildingEnvelope® | Rick Wright | Mark Le Munyon | |
| OLIVA ROYAL GLASS | Miguel Urdaneta | Victor Aspron | |
| Onyx Solar Energy, S.L. | Alvaro Beltran | | |
| Opulux Glass | Mubeen Aslam | | |
| P&C Tempered Glass, LLC. | Arnaldo Cruz Gonzales | Elsó Perez Sotolongo | |
| Panasonic Housing Solutions Co., Ltd. | Takeshi Kimura | Hiyoruki Tsuboyama | |
| Pan-Dur Glass GmbH | Nadine Weiß | | |
| Panoramic Doors LLC | Brett Chamberlin | Aaron Miller | |
| Paragon Tempered Glass | Barry DeLong | Chris Walker | |
| Patriot Armored Systems, LLC | Michael Biancolo | | |
| Perficom S.A. DE C.V. | Enrique Presa | | |
| PFG Glass Industries | Steve Nielsen | | |
| PGT Industries | Rod Hershberger | | |
| Philly Glass Industry Inc. | Danny Zhu | Ben Zhu | |
| Pingdingshan Youbo Glass Technology Co., Ltd. | Zhao Zhenguo | Luo Qiaoliang | |
| Portland Glass Manufacturing | Dave Campbell | | |
| Precision Glass Bending Corporation | Russell Alder | | |
| Precision Glass Industries | Kevin Waller | Lance Hamilton | |
| Prelco Inc. | Stephane Mercier | | |
| Prelco MTL Inc. | Nancy Stuart | Jocelyn Ouellet | |
| Premier Glass Products | Seth Jones | | |
| PRESS GLASS SP ZOO | Adam Wierzbowski | | |
| Press Glass, Inc. | Conrad Lankford | Mike Lankford | |
| PRL Glass Systems | Ruben Gallegos | | |
| Productora y Distribuidora de Espejos S.A. de C.V. | Jose Natividad Gonzalez | | |
| Produits Verriers International Inc. | Victor Scherer | | |
| ProTemp Glass, Inc. | Silvio Tuffolo | Vee Shivprasad | |
| Przedsiębiorstwo Prywatne Rezal | Michal Aleksandrowicz | Magdalena Pisera | |
| PT Abebersa Pratama | Mahud Halim | | |
| Pulp Studio, Inc. | Bernard Lax | | |
| Qianse Acrylic Co., LTD. | Spring Liang | | |
| Qingdao Apis Glass Industries Co. Ltd. | Zhang Li | | |
| Qingdao Glorious Future Energy-saving Glass Co.,Ltd. | Liang Wang | Frank Jia | |
| Qingdao Haisen Glass Co. Ltd. | Nate Zhang | Shirley Gan | |
| Qingdao Himalaya Building Materials Co., Ltd | Haitao Du | | |
| Qingdao Ideal Building Material Co. Ltd. | Yan Feng | | |
| Qingdao Kingdom Glass Co., Ltd. | Tina Gu | Yanmin Yu | |
| Qingdao Laurel Glass Technology Co., Ltd | Bruce Jia | | |

SGCC Certification Committee

| Licensee | Primary Member | First Alternate | Second Alternate |
|--|--------------------------|------------------------|-------------------------|
| Qingdao Pioneer Glass Co.,Ltd. | Xu Baowei | Chen Lei | |
| Qingdao Runya Glass Products Co., LTD | Amy Guo | Alice Cao | |
| Qinhuangdao Huaguang Technology Glass Co., Ltd. | Tina Yang | Jiancheng Sun | |
| Qinhuangdao Jingxin Glass Co., Ltd. | Dongsheng Yan | Cindy Sun | |
| Qinhuangdao Mingjingyuan Safety Technology Glass | Gavin Pan | | |
| Qinhuangdao Qicaishi Glass Processing Co., Ltd. | Linda Qin | Cindy Sun | |
| Qinhuangdao Rongsheng Glass Processing Co., Ltd. | Cheng Na | | |
| Qinhuangdao Shengrui Glass Processing CO., LTD. | Sanbao Chen | Cui Liu | |
| QinHuangDao Tianrui Tempered Technology Glass | Yanjun Zhu | Zhu YanJun | Cheng Yi Bin |
| Qinhuangdao Yaoyou Engineering Glass Co., LTD. | Yan Jun | Wang Jianbing | |
| Quaker Window Products, Inc. | Curtis Weavers | | |
| Quality Enclosures Tempering, Inc. | Marvin Aguilar | | |
| Quality Enclosures, Inc. | Michael Schwartz | | |
| Quality Glass & Mirror, Inc. | Tom Markowski | | |
| Quest USA, Inc. | Joe Kuykendall | Charles Burt | |
| Quest Window Systems | Daniel Zalzman | | |
| R&R Insulated Glass Products D.B.A. Aurora Windows | Ery Hernandez | Selena Hernandez | |
| Ready Glass & Mirror, Inc. | Silverio Perez | | |
| Reem Emirates Aluminum & Glass | Hamed Hussein | | |
| Renin Canada Corp. | Shervin Shahriari | Mardi Huelsekopf | |
| Resman Glass PVC Aluminum SAN. VE TIC. A.S. | Buse Duygu Dagidir | Burak Koprulu | |
| Rider Glass Company Limited | Luis Liu | Simon Li | |
| Rizhao Huaye Glass Co., Ltd. | Alex Yin | Grant Lee | |
| Robover Inc. | Tommy Fortier | Alain Fortin | |
| Rohden Vidros LTDA | Edilene Kniess | Lenuir Kniess | |
| SAAND Inc. | Paul Ferguson | Steve Callahan | |
| Safti First | Sean Ross | Josh Bascue | |
| SAGE Electrochromics Inc. | Chuck Hayes | Dianne Dahl | |
| Saint Gobain Mexico, S.A. de C.V. | Alberto Boix | Gladys Rios | |
| Saudi American Glass Company | Geoff Sparks | | |
| Senneca Holdings Inc, (Thermoseal Brand) | Joseph Sokalski | | |
| Sfera SRL | Vianello Elio | | |
| SGC International Inc. | James Huang | | |
| SGP Acquisition Inc. (Specialty Glass Products) | Patrick Bloom | Richard Merdzinski | |
| Shahe Domsung Glass Co., Ltd. | Xi Te | Wang Jia | |
| ShanDong HaanGlas Co., LTD | Han XiaoQing | Zhang YongJian | |
| Shandong Kingtom Glass Co., Ltd. | Tao Zhenmin | | |
| Shandong Taishan Huayue Glass Co., Ltd. | Gao Hu | Liu Fan | |
| Shandong Yaohua Glass Co., Ltd. | James Hu | | |
| Shanghai Bordy Decoration Materials Co., Ltd. | Xie Zhengchun | | |
| Shanghai Jiajie Glass Co., Ltd. | Li Hongzhen | Matt Wang | |
| Shanghai Yaohua Pilkington Glass Group Co., Ltd. | Dr. Sun Da Hai | | |
| Shanghai Zhenzhen Glassware Co., LTD. | Brian Y. L. Chong | | |
| Shape Glass LLC. | Brian Bradford | | |
| Shenzhen Shennanyi Glass Product Co., Ltd | Sophie Lee | | |
| Shenzhen Sun Global Glass Co., Limited | Zhang Guanghui | | |
| Shower Doors & More Inc. | Page Giacin | Larry Giacin | |
| Sichuan CSG Energy Conservation Glass Co., Ltd. | Liu Song | | |
| Sierra Glass Fabrication Inc. | Jack Baum | | |
| SIGCO, Inc. | David A. McElhinny | Matthew Dunn | |
| Simonton Windows | Tina Seese | Steven Saffell | |
| Sisecam Flat Glass Italy S.r.l. | Antonio Santoro | | |
| Sky Land Glass Corp. | Ricky Zeng | | |
| Skyline Design | David Wildfield | | |
| Soluciones Arquitectonicas, S.A. De C.V. | Pablo Andres Rishmawi C. | Marco Ivan Mendoza R | |
| Soluciones Vitro Plano S.A. de C.V. | Alberto Vilchis Trujillo | | |
| South Bay Showers, Inc. | Michael Sutton | | |

SGCC Certification Committee

| Licensee | Primary Member | First Alternate | Second Alternate |
|---|--------------------------|---------------------------|-------------------------|
| Southern Wholesale Glass | Mark Michael | | |
| Splendor Shower Door | John Wanamaker | Tom Wanamaker | |
| Standard Bent Glass | Denise Swigart | | |
| Star Glass Tempering LLC | Grzegorz Putek | Monika Putek | |
| Stargrup Cam A.S. | Ali Nurman | | |
| Strong Tempering Glass Industry LLC | Mark Chen | | |
| Sunfire Glass, Inc. | Dennys Fernandez | | |
| Sunglas Technics Co., Ltd. | Zhao Jianxin | Steven Shung | |
| Swift Glass Co., Inc. | Daniel J. Burke | Kathleen B. Schweizer | Charles Burke |
| Switchble LLC dba Smart Glass Group | Anton Yerkeyev | | |
| Synergy Energy Saving Glass (Tianjin) Co., Ltd. | Zhai Tao | Hou Yuzhi | |
| Tacoma Glass Mfg. Inc. | Tim Conroy | | |
| Tai Shan City Da Heng Art Glass Ltd. | Liu Woxian | | |
| Technical Glass Company | Engr Mousa El Gedaily | Engr Ahmad Tawalbeh | |
| Techni-Glass LLC | Pat Murphy | Jason Hooven | |
| Tecnoglass S.A.S. | Christian Daes | Diana Lohrer | |
| Tecnovidrio S.A. de C.V. | Ricardo Aguilar Martinez | Sara Ivonne Penaloza Ruiz | |
| TEMCOR S. DE RL DE CV | Genaro Cortez | | |
| Temp Glass Inc. | Sigfrido Martinez | | |
| Tempco Glass and Fabrication, LLC | Michelle Pascal | | |
| Tempered Glass Industries, INC. | Robert Whitlow Jr | | |
| Templados Del Centro SA DE C.V. | Omar Rios | Fernanda Garcia | |
| Templados Industriales S.A. de C.V. | Pedro Chavez | Diana González | |
| TG Qingdao Glass Co., Ltd. | Albert Wang | Judy Li | |
| TG Taicang Architectural Glass Co. Ltd | Melody Bi | | |
| TG Tianjin Glass Co., LTD | Zhengyue Wang | Jing Zhang | |
| The Glass Factory, LLC | Juan Carlos Isasi | Homero Tapia | |
| The Glass Guild Ltd. | Sarah Cantrill | Stuart Cantrill | |
| Thermafix A.J. Inc. | Francois Ouellette | | |
| Thermal Seal Insulating Glass | Ann Oliveira | | |
| Thermalsun Glass Products | Brad Kloes | | |
| Thermo BSL | Pierre-Luc Bellavance | Claude Pelletier | |
| Thompson I.G. , LLC. | Dale Houck | | |
| Tianjin CSG Energy Conservation Glass Co., LTD | Zaida Liu | | |
| Tianjin Northglass Industrial Technical Co., Ltd. | Zhang Xue | Anna Wu | |
| Tomakk Glass Partners, LLC | Clay Hargett | Scott Hoffman | |
| Treaty City Industries Inc. | Robbie Jones | | |
| Tristar Glass, Inc. | Tim Kelley | | |
| Triton Glass LLC | Sahaj R. Patel | | |
| Trulite Glass and Aluminum Solutions | Jeff Haberer | Adrian Casas | |
| Turkiye Sise ve CamFabrikalar A.S. SisecamDuzcam | Ercan Acar | Burcu Sekir | |
| Tweddell's Inc. | Corey Myer | Ed Blair | |
| U.S. Glass Distributors Inc. | Franco Alfano | David Jaskulski | |
| Ungari Investments, LLC. (dba S.F. Tempering) | Jorge Ontiveros | Salva Sorka | |
| Uniglass | Shakil Ahmed Khan | | |
| United Plate Glass Co., Inc. | Darin Vietmeier | | |
| Unitex Glass Chengdu Co., Ltd | Andy Yu | Chen Xinhua | |
| Upstate Glass Tempering Inc. | David Chavoly | Allen Gottlieb | |
| US Glass Depot LLC | Paul Huang | Harry Weng | |
| US Glass Tempering Inc. | Anil Kumar | Sid Dhir | |
| US Tempering LLC | Haidong Weng | | |
| VA Glass, LLC. | Rodney Keatts | James Wright | |
| Valentini Glass & Components srl | Claudio Valentini | | |
| Vandaglas Eckelt GmbH | Christian Eckelt | | |
| Vetreteria F. Illi Paci | Maurilio Paci | | |
| Vetriko S.A. | Jorge Torbay | Fernando Navedo | |
| Vetrodomus SpA | Frederico Casaccio | Chiara Pastore | |

SGCC Certification Committee

| Licensee | Primary Member | First Alternate | Second Alternate |
|---|----------------------------|-----------------------------|-------------------------|
| Vidplex Universal S.A.S | Michael Rodriguez | Daniela Garcia Avella | |
| Vidrio Bisel S.A. de C.V. | Ignacio Flores Suarez | | |
| Vidrio Duro de Mexico S.A. de C.V. | Carlos Benet Trad | Gabriel Howerton | |
| Vidrio Plano De Mexico S.A. DE C.V. | Prisciliano Bernal Ramirez | Santiago de la Torre Garcia | |
| View Inc. | Joe Crouson | | |
| Viewrail | Troy Burns | David Maxwell | |
| Viracon Inc. | Brian Louks | Michael Schettler | |
| Vision En Cristal Y Aluminio SA DE CV | Jaime Salazar Guzman | Edgar Valverde Chong | |
| Vista Glass Corporation | Sajad Kazemeyni | Jay Patel | |
| Vistamatic, LLC | Kevin Roth | | |
| Vitelsa Mosquera S.A. | Laura Luna | | |
| Vitralum Glass Solutions Inc. | Eliben Morelos | Benjamin Morelos | |
| Vitre-Art C.A.B.(1988) Inc. | Nicolas Barazin | Martin Comeau | |
| Vitro Flat Glass, LLC (formerly PPG) | Wagner Lozano | Paul Di Cesate | |
| Vitrum Glass Ltd. | Tim Stewart | Michael English | Carmelita Pena |
| Vitrum Industries Ltd. | Tim Stewart | Carmelita Pena | |
| Viwinco, Inc. | Michael Duncan | Mr. Kim Hammerschmidt | |
| W. A. Wilson Inc. | Robert Hartong | | |
| W.C.P., Inc dba West Coast Insulated Glass Products | Rusty Neubauer | | |
| Washington Glass Fabrication LLC. | Rahim Wali | Gregory Mason | |
| West Seal Ltd.(AWG Northern Dist.) | Craig Leonard | Barb Szaszik | |
| Wexford Viking Glass Limited | Paul Murphy | Pauline Kirwan | |
| Whalley Glass Co | Mark Vece | | |
| White Aluminium Enterprises L.L.C | Jabr Doshan | | |
| Wholesale Glass Distributors, Inc. | Chet Day | | |
| WHTB Glass, LLC | Alan Tan | Yufeng Pan | |
| Window Creations, LLC | Jason Buehrer | Brad Allison | |
| Window Technologies, Inc. | Michael Castleberry | | |
| Wisconsin Shower Door & Supply Corp | Chuck Biesik | James Kinsey | |
| W-M Glass sp. zo.o. | Dariusz Monkiewicz | Rafal Wedrowski | |
| WMB Windows Inc. | Wendy Baron | Ivan Baron | |
| Wolverine Glass Products, Inc. | Rodger Ruff | Chelsie Cowles | |
| Woodbridge Glass Distribution Inc. | Eduardo Raposo | Simone Iezzi | |
| Woon-Tech Inc. | Joshua Foster | | |
| WSD Glass, Inc. | Gary Reece | | |
| Wujiang CSG Huadong Architectural Glass Co., LTD | Yu Jinhui | | |
| Wutkowski Sp. Zo.o. | Marcin Mroczkowski | Aneta Grzelak | |
| Xiamen Shiner Glass Co., Ltd. | Anne Law | Maggie Liang | |
| Xianning CSG Energy Conservation Glass Co., LTD. | Yu Jiao | | |
| XYG North America Corp. | Joanne Loh | Lawrence Tao | |
| Yakut Cam A.S | Faith Poyraz | Murat Tuncer | |
| Yantai Bluesky Glass Co., Ltd | Kelly Jiang | | |
| Yantai Dongfang Glass Co., Ltd | Xing Jinwei | | |
| Yildiz Cam San. Tic. A.S. | Mevlude Kaynak | Gulsen Ekici | |
| Yin Fu (Dong Guan) Glass Co., Ltd. | Lily Chen | | |
| Yitian (Cattis) Glass Product Co., Ltd | Xiaojun Zheng | | |
| Yong Feng Tai Foshan City Glass Co., LTD. | Aijun Zhong | | |
| Yorglass Cam Sanayi Ve Ticaret A.S. | Serap Bayram | | |
| Zhangjiagang City Daming Glass Product Co., Ltd | Xiao Ruijuan | | |
| Zhangjiagang Weiyu Fabricated Glass Co. Ltd. | Xu Zhengdong | | |
| Zhaoqing CSG Energy Conservation Glass Co., Ltd | Yubin Zeng | Edwin Cao | |
| Zhejiang Jinchen Glass Co., Ltd. | Jin Yong Tang | Liu Peihua | |
| Zhejiang Pusaisi Intelligent Glass Co., LTD | Qi Luofeng | Zhang Jianjun | |
| Zhongli Glass Co., Ltd | Meng Qingxian | | |
| Zhongshan Walle Glass Product Co., Ltd | Yilan Liu | | |
| Zorro International Corporation | Joe He | | |

SGCC Certification Committee

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

Certification Committee Chairman - Mark Cody

Member by virtue of being a director

| | |
|-----------------|------------------|
| Public Interest | William Nugent |
| Public Interest | June Willcott |
| Public Interest | Peter Weismantle |
| Glasstech, Inc | Norman Nitschke |
| Public Interest | Patrick Loughran |

January 2024

Revised 10/1/2014

~PROGRAM CONCEPT~

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

The purpose of SGCC is:

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

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

American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test: ANSI Z97.1-2015 (R2020).

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

National Standard of Canada - Tempered or Laminated Safety Glass: CAN/CGSB 12.1-2022

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. 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.

January 2024

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 a list of manufacturing licensees listed alphabetically by plants and the approved products manufactured at those plants. 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. (Modified 1/2021)

PROCEDURAL GUIDE (SD-07)

FOREWORD

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

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

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

GENERAL INFORMATION

THE CERTIFICATION CONCEPT

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

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

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

WHO CAN BECOME A LICENSEE? (Revised 10/14/2016)

Any manufacturer of safety glazing materials is eligible, on a voluntary basis, to become a licensee. A manufacturer is the entity who fabricates, constructs, treats, or combines glazing materials with other materials to make a final safety glazing material.

WHO CONDUCTS THE PROGRAM?

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

ADMINISTRATION

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

HOW CAN YOU BECOME A LICENSEE?

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

- a) (i) The applicant signs the SGCC® License Agreement and emails it to SGCC®. SGCC® will countersign all copies and return one to the applicant. Non-manufacturing applicants applying on

behalf of a manufacturer must include the location and appropriate signatures of their manufacturer for each location. (Revised 9/19/2017)

(ii) The applicant must complete the SGCC® Application, which includes all of the necessary information for the safety glazing product(s) and return to SGCC®. (Added 7/1/2016)

- b) The applicant directs an SGCC® approved testing laboratory, of its own choosing, to send SGCC® one copy of a valid test report indicating the “initial” or “prototype” samples submitted for testing are in full and complete compliance with ANSI Z97.1 and 16 CFR 1201 and/or CAN/CGSB 12.1. Reports shall only be accepted directly from SGCC® Approved independent laboratories. **Test reports are valid for initial certification if the report date is within 60 days.** (Revised 9/19/2017)
- c) The applicant sends to SGCC® the certification fee for each item to be certified. (Revised 11/4/2015)
- d) (Deleted 10/21/2007)
- e) If the Licensee has certified product with SGCC during the prior 24-month period and has had all products decertified by SGCC or has voluntarily decertified all products, an audit must be performed by the Administrator’s representative and any corrective actions resulting from such audit resolved (Added 9/19/2017)

Having received all of the above items, SGCC® sends to the licensee the notice of product certification which includes an SGCC® certification number. This number must be incorporated into the permanent label affixed to each piece of certified safety glazing material. The certified item will be listed in the next edition of the Certified Products Directory.

QUALITY ASSURANCE PROGRAM (Revised 10/4/2018)

SGCC® requires licensees to have a working quality assurance program for the fabrication of safety glazing. Compliance to quality assurance requirements will be validated at the first plant inspection after products are certified. Adherence is verified during twice per year plant visits. These requirements were adopted to improve the overall quality and reliability of safety glazing products in the program. These requirements are in addition to the ANSI, CPSC and CAN/CGSB 12.1 compliance testing required by the SGCC® certification program. The intent is to enhance the quality of products produced in the interim production periods between test cycles. Although a quality assurance program is a fundamental element of good fabrication practices, only successful testing to ANSI Z97.1, 16 CFR 1201 or CAN/CGSB 12.1 is valid proof of compliance with these standards.

Quality Assurance Requirements:

- 1) **A Quality System Manual** – A quality manual shall be present that documents, identifies, describes and contains the workings of the quality system, and as a minimum contains the following sections:
 - a. Designated Person for Quality Assurance
 - b. Process Control (Procedures)
 - c. Production Testing
 - d. Calibration
- 2) **Designated Representative for Quality Assurance** – The manufacturer shall designate a person who is responsible for the quality system function in the manufacturing facility.
- 3) **Process Control** - The individual areas involved in the fabrication of safety glazing shall be defined. Each area shall have documented procedures.
- 4) **Production testing** – Procedures shall describe testing of regular production and shall include SGCC requirements for safety glazing products. The SGCC auditor shall 1) review historical testing records ensuring procedures were followed if failure occurred 2) witness at least one production test and 3) review the method of evaluation during twice per year visits. When samples are not available, the manufacturer shall describe to the auditor how production testing is performed. Where ANSI or ASTM test methods are referenced below, other like national or internationally accepted test methods (for example EN 12600) are acceptable. Records of testing shall be maintained for a minimum of 10 years. See "Guidance for the SGCC® Quality Assurance Production Testing for additional information and a list of Suitable Alternatives available at <https://www.sgcc.org/more-info/miscellaneous->

[forms-and-information](#))

- a. Tempered – ANSI Z97.1 Center Punch¹ and/or Impactor¹ Test - As a minimum, testing shall occur on the first of each product thickness per shift. Additional testing may be appropriate.
 - b. Laminated – ASTM F3007¹ and/or ANSI Z97.1 Impactor Test - During regular production periods, a minimum sample collection shall be performed weekly, and actual testing occur at least monthly. Sample collection must be traceable to specific production runs. For ASTM F3007 testing, sampling and testing shall occur as a minimum on the thinnest product(s) produced. Evaluation shall occur and drop height selection as a minimum shall be in accordance with ASTM F3006.
 - c. Products other than Tempered or Laminated - Testing procedures shall be established and accepted by the SGCC Administrator.
- 5) **Calibration** - Test equipment used in the quality inspection process must be working properly and accuracy assured. Equipment shall be 1) identifiable, 2) records of the calibration maintained, and 3) a method shall exist for monitoring at least an annual calibration.

HOW THE CERTIFICATION PROGRAM WORKS (Revised 10/1/2020)

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

After initial certification (see “How Can You Become a Licensee”), the administrator verifies the production at the licensee’s manufacturing location during twice per year audits. In consideration of public health concerns one or both of the twice per year audits can be conducted virtually. During each audit, the licensee’s compliance to SGCC’s Quality Assurance Program is validated. During these audits, independent routine test sample selection is performed as well as review of proper labeling practices.

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

ADMINISTRATOR AUTHORIZES CERTIFICATION

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

Licensees label safety glazing material, with the assigned SGCC® number, within the limits of the product size tested. If 34 by 76 inches (34”x76”) is the size of the initial or prototype test sample, certification is extended to all sizes and the permanent label contains the letter “U”, designating unlimited size. The letter “L” contained within the permanent label denotes certification is limited to the width and length of the initial or prototype test sample.

PRODUCTS LISTED IN CERTIFIED PRODUCTS DIRECTORY (Revised 10/14/2016)

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

¹ Please contact SGCC at SGCC@amscert.com or visit the SGCC website (<https://www.sgcc.org/more-info/miscellaneous-forms-and-information>) for additional information including equipment details and purchasing options for this equipment.

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

COMPLIANCE SAFEGUARDS

HOW IS COMPLIANCE ASSURED (Revised 11/4/2015)

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

When any program, audit or quality assurance requirements are found to be in non-compliance, the licensee is sent a request for corrective action giving 30 days in which to demonstrate to the satisfaction of the administrator, compliance with requirements. If the licensee does not respond, a warning of possible removal of authorization to use the SGCC® permanent label is sent giving an additional 30 days to respond. If the licensee does not respond acceptably, authorization to use the SGCC® permanent label is **automatically terminated** at the end of the second 30-day period. (Revised 11/4/2015)

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

COMPLAINTS AND/OR APPEALING A CERTIFIED PRODUCT (11/03/2015)

Negative feedback, from any source, on any aspect of the certification program or program administration that requires a response will be deemed a Complaint that requires a response. A complaint that challenges the conformance of any safety glazing product to program requirements shall be deemed an Appeal, whether by a licensee or by a consumer or other third party. Complaints or Appeals must be in writing and are first handled by the Administrator following the below procedure:

- 1) Complaints and Appeals are logged for tracking.
- 2) Notification of receipt and of the Complaint and Appeal process is sent to the initiating party.
- 3) Information from all involved parties is gathered.
- 4) All information is reviewed, and a determination is made by the Administrator.
- 5) Notification is sent to all involved parties of the outcome.
- 6) All Complaints and Appeals are reviewed in a timely fashion and once resolved are marked as such.

To help determine how to best handle a Complaint or Appeal, they may be categorized by the type of party initiating the Complaint or Appeal, either from a Business (i.e., licensee, competitor, or industry party), Consumer (i.e. end user or retailer), or Program Participant (i.e. participant, supplier, or licensee). The Administrator will discuss and work with the initiating party to determine coverage of costs associated with handling the Complaint or Appeal (this can be waived at the discretion of the Administrator or SGCC President). Once costs are agreed upon, the Administrator will investigate and make a determination. If the Administrator's determination is in favor of the complainant or appellant, then any costs associated will be borne by the involved licensee, SGCC, or the Administrator. If the Administrator disagrees with the complainant or appellant, then the initiating party is responsible for any costs.

Determinations by the Administrator can be contested and if they are, the matter will be sent to the SGCC Quick Action Committee for determination. If the Quick Action Committee's determination is contested, then the matter is sent to the Certification Committee for final determination and resolution. No further appeal is permitted from the decision of the Certification Committee.

WITHDRAWAL OF CERTIFIED PRODUCT

Any product which has been certified by SGCC®, may be voluntarily withdrawn from the Certification Program by a licensee at any time. See G.23 for more information.

COSTS

WHAT DOES THE PROGRAM COST?

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

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

| <u>DATE</u> | <u>ADMINISTRATIVE/BUSINESS ACCOUNT FEE</u> | <u>TEST FEE</u> |
|-------------------------|--|-----------------|
| January 1 - March 31 | 100% | None |
| April 1 - June 30 | 50% | None |
| July 1 - September 30 | 100% | None |
| October 1 - December 31 | 50% | None |

Test reports are valid for initial certification if the **report date is within 60 days**. (Revised 11/4/2015)

Initial certification during the first three months of the initial six-month period will require a selection in the first three months of the following six-month certification period.

CERTIFICATION PROGRAM DOCUMENTS AND AGREEMENTS

LICENSE AGREEMENT

This agreement, incorporating independent program administration and routine periodic independent sampling and evaluation, governs the relationship between SGCC® and the licensee.

Future amendments or revisions to the License Agreement will be recommended by the SGCC® Certification Committee and enacted by the SGCC® Board of Directors.

EFFECTIVE DATE, DURATION AND TERMINATION

The License Agreement, effective from the date of its execution, has a validity of six months (adjustable to a January 1 to June 30 or a July 1 to December 31 basis) and, unless revoked by SGCC® for causes set forth in the document, is automatically renewed for successive additional periods of six months, unless either party gives notice at least 60 days prior to the date of expiration that cancellation is requested.

Upon its proper execution and acceptance by SGCC®, the Pre-issued Certification Number Bond (SD-06) informs a licensee of the certification number of an item to be certified in the future. If the licensee marks production with the certification number prior to actual certification, the bond is forfeited to SGCC®.

Upon its proper execution and acceptance by SGCC®, the test release bond permits the continuation of certification of an item when production facilities are shut down. If the licensee does not notify SGCC® within one week of the resumption of production, the bond is forfeited to SGCC®.

ADMINISTRATIVE SERVICE AGREEMENT

This agreement entered into by SGCC® and AMS governs the relationship between SGCC® and AMS, the independent Administrator. In general, it provides that the Administrator

- a) samples certified products routinely;

- b) has the right to witness any and all testing required by the program;
- c) reviews all test reports in order to determine compliance of the certified product with the applicable specification(s);
- d) inspects and approves all in-plant and test laboratory test facilities for use in this Certification Program (test laboratories are approved by the SGCC® Certification Committee);
- e) publishes (hard copy and/or electronic) the SGCC® Certified Products Directory on or about January 1 and July 1 of each year;
- f) handles all routine clerical duties of SGCC® with respect to certification matters;
- g) acts as SGCC® treasurer, invoices licensees, maintains a bank account, and disburses funds (fiscal reports are made to the SGCC® Certification Committee);
- h) furnishes all testing, except for initial or prototype tests;
- i) attends all scheduled meetings of the SGCC® Certification Committee; and
- j) in all of its actions, acts in the name of SGCC®.

CERTIFIED PRODUCTS DIRECTORY

This directory contains a listing of the certified safety glazing materials of each licensee.

CERTIFICATION LABEL

The certification label, containing a number that refers to the listing in the Certified Products Directory, is permanently affixed to each piece of certified safety glazing material by the licensee. The listing in the directory provides a complete product description including licensee's name, location, etc.

PROGRAM RESPONSIBILITY

The SGCC® Board of Directors has overall responsibility for the well being and acceptance of the Certification Program by industry, building officials and the public. It also bears corporate legal responsibility.

The SGCC® Certification Committee has the responsibility for the general procedure and policy pertaining to the conduct of the Certification Program. As a part thereof, it:

- a) establishes certification "guidelines";
- b) determines, where a question is raised by a licensee or the Administrator, the applicability of the specification(s) in specific situations;
- c) approves testing laboratories;
- d) determines which specifications are to be designated effective for the purposes of product certification and the date or dates on which they become effective; and
- e) recommends to the SGCC® Board of Directors changes to be made in the license agreement.

CERTIFICATION GUIDELINES AND INTERPRETATIONS

For guidance in certifying safety glazing materials, the SGCC® Certification Committee has adopted the following:

GENERAL

G.1

Participation in the Certification Program will be on a January 1 to June 30 and July 1 to December 31 basis.

G.2

Tests for initial compliance of safety glazing materials to ANSI Z97.1 / 16 CFR 1201 plus CAN/CGSB 12.1 will be accepted from any testing laboratory approved by the SGCC® Certification Committee. (Revised 7/1/2016)

G.3 (Deleted 11/4/2015)

G.4

For insulating glass units to be considered safety glazing material, each lite in the construction ([double pane or multi-pane assemblies](#)) must be of safety glazing material. (Modified 10/5/2022)

G.5

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

G.6

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

G.7

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

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

G.8 (Deleted 4/29/2010)

G.9 (Deleted 7/1/2016)

G.10 (Revised 12/7/2018)

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

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

G.11 (Revised 10/2/2014)

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

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

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

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

G.12

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

G.13 (Deleted 5/6/1999)

G.14

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

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

The invoice procedures will be as follows:

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

G.15 (Deleted 10/2/2014)

G.16

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

G.17 (Deleted 7/1/2016)

G.18

Certified and permanently labeled safety glazing materials such as laminated glass, rigid plastic, or organic coated glass, may be cut into smaller pieces by a distributor or installer after manufacture and it is not practical for each smaller piece to bear a manufacturer's permanent label when finally installed in a building. When this is the case, the distributor or installer shall apply a permanent label to each piece which states his name and certifies that he cut the piece from material that was properly labeled in accordance with the requirements of SGCC® (refer to "SGCC® Label Requirements" for additional information). (Revised 10/25/2001) For the purpose of this guideline, a permanent label is defined as one that will remain permanently legible and would be destroyed in attempts to remove it from the product.

G.19 (Deleted 10/20/1989)

G.20 (Deleted 4/26/2007)

G.21

A pre-issued SGCC® certification number shall be issued by the Administrator upon receipt of a properly executed License Agreement and a properly executed *New Licensee Application & Pre-Issued Number Form (SD-06)* (application). The application must be completed for any new safety glazing product(s) (prototype) the fabricator submits for testing. If the fabricator requests pre-issued certification number(s) and does so with the understanding that these numbers (SGCC Mark/label) will not be applied to any product(s) until authorization to do so by SGCC®. The fabricator will not be authorized to use the number(s) until testing, final approval and formal certification is complete. (Revised 7/1/2016)

G.22

In the case of plastics and organic coated glass certification of a patterned product may be extended to cover other patterns provided:

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

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

In the case where a routine evaluation sample covered under a blanket certification fails to comply with the specifications, the situation requires that the particular product be submitted for the retest (RT) sample required by Guideline G.11. (Revised 7/1/2016)

G.23

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

- a) Prior to or within two (2) weeks after the shutdown, the licensee shall inform the SGCC® Administrator in writing.
- b) The SGCC® Administrator will immediately supply the licensee with test release bond forms (SD-23) for submission by the licensee. A separate bond shall be submitted for each certified product affected.
- c) Within two (2) weeks, after receipt of the bond forms, the licensee shall submit them to the SGCC® Administrator.
- d) During the period covered by the bond the licensee shall retain certification, contingent upon payment of normal certification fees and meeting all other licensee obligations. Bonds will be for a specific certification period and will expire at the end of that certification period but may be renewed by the licensee any number of times. Renewal is an obligation of the licensee and requires all steps listed herein. (Revised 10/25/2001)
- e) Within one (1) week after re-activation of the production facility the licensee shall 1) notify the SGCC® Administrator in writing, and 2) submit samples from the first weeks production to an SGCC® approved laboratory for testing. In cases where more than one certified product is produced with the same equipment, samples of each must be furnished for testing within the first month. These will be considered as the routine samples for retesting for the six months period during which they are submitted.
- f) Failure of the licensee to comply with any of the preceding shall be the basis for removal of certification from the affected products.

G.24

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

G.25 (Deleted 7/1/2016)

G.26

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

G.27

A licensee at time of prototype submission should determine if certification shall be for ANSI / CPSC (Composite) OR Composite plus CAN/CGSB 12.1 (COMP+CAN). The licensee shall be issued only one SGCC® number for composite certification for each product. The licensee will submit four (4) samples to be impact tested to ANSI Z97.1 and CAN/CGSB 12.1 (for all specimens that are not symmetrical from surface to surface an equal number of specimens shall be impacted on each side). If any one specimen of the composite sample fails, the entire composite sample will be considered to have failed to comply with the standards. (Revised 7/1/2016)

G.28

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

G.29

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

G.30 (Deleted 10/5/2004)

G.31 (Deleted 10/5/2004)

G.32 (Deleted 7/1/2016)

G.33

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

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

The Administrator shall arrange for the next routine sampling to take place within six (6) months of the sale. If the plant is temporarily inoperative in connection with the sale, the provisions of G.23 shall also apply.

G.34

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

G.35

Once certified by SGCC®, a product is assigned an exclusive certification number to identify it and the plant at which it is made/fabricated. An SGCC Licensee shall notify SGCC prior to a plant's physical relocation. Relocation requires certification as a new plant and will require new SGCC numbers and testing at the new plant prior to granting of the new certification. Consistent with the SGCC License agreement and procedural guide, fabrication and labeling must occur at the same facility. (Added 10/10/2019)

CERTIFICATION OF TEMPERED COATED GLASS (Added 9/29/2021)

In order to SGCC certify tempered glass with a metalized coating (MC) that is applied to annealed glass prior to tempering (reflective, Low E, other), test results for the MC glass must be initially provided to SGCC. MC testing must then occur at least annually thereafter to maintain the MC designation for a particular thickness of product. Testing of MC product will satisfy SGCC regular testing requirements (likely one MC test and one non-MC test annually). Certification of an MC product shall cover coated and non-coated product of a given thickness. See Guideline T.3 for further clarification.

Testing shall be with a sputter coating (soft coat) or a pyrolytic (hard coat), at the discretion of the SGCC Licensee. Testing of any coated product shall cover all coated product. During regular twice per year

inspections SGCC shall document the generic class of coating to submit (Sputter or Pyrolytic). The plant shall ship product with the coating identified (as a minimum 'Soft Coat' or 'Hard Coat') (likely by paper label), and the testing laboratory shall measure/validate the coating with the use of a coated glass meter (List of acceptable meters available in the SGCC Laboratory Manual). The presence of a coating shall be included in the SGCC test report.

Listings (certifications) for Tempered coated glass shall begin with the July 1st, 2022 certification cycle (L22).

TEMPERED TRANSPARENT GLASS

T.1

Certification of either flat glass or patterned glass will not cover the other except as noted in Guideline T.2. (Flat glass designates ground and polished plate, float and sheet glass.) (Revised 7/1/2016)

T.2

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

T.3

Certification of non-coated tempered glass will also cover the items below, of the same nominal thickness where the coating does not alter substantially the post-breakage behavior of the glass substrate.

- Tinted
- Non-metalized surface coating (such as ceramic material applied as a continuous or partial coating to one or more surfaces)
- Post tempered metalized coating

A "substantial alteration" is one that would render the tempered glass in non-conformance with the applicable safety glazing standards. For SGCC certified tempered glass with a metalized coating (MC), as defined in section Certification of Tempered Coated Glass, the metalized coated product must be tested initially and then at least annually thereafter. An SGCC "MC" designation per nominal thickness will be authorized for product in compliance. Products with the MC designation shall cover coated or non-coated product. See section **Certification of Tempered Coated Glass** of the procedural guide. (Revised 9/29/2021)

T.4

In cases where certified glass is normally not available for sampling, the licensee may make an overrun (of four lights of prototype size that are to be marked with the date of production) when the item is in normal production, and these will be accepted by the Administrator if other samples are not available. Otherwise, when production samples are not available, the Administrator shall notify the licensee to submit prototype size samples to the Administrator within six (6) weeks.

T.5

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

T.6

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

T.7

For purposes of impact test evaluation when breakage occurs, the average thickness of a tempered glass specimen containing grooves, bevels and other thickness altering fabrication shall be considered the average of the thinnest measurement of each of the ten (10) geometrically largest particles. This average thickness will then be used to determine the maximum allowable weight of the ten (10) largest particles. Upon

successful completion of testing the thickness for the specimen shall be listed in the CPD as the thickness of the non-fabricated base glass. SGCC® views glue chip, beveling, grooving, and acid etching as a fabrication process prior to tempering, and as such is not certified separately from the base glass thickness. (Example: Certification of 3/16" TTG would also cover 3/16" glue chip or beveled product.) (Revised 10/01/2002)

TEMPERED PATTERNED GLASS

TP.1

For the purposes of certification, the nominal thickness of patterned, figured, or rough rolled glass are the common fractions found in ASTM C1036 or other nationally or internationally recognized thickness standards and the thickness should be measured in accordance with the procedure as described in ASTM C1036, current revision. The permanent label must contain this fraction on a metric or decimal dimension within the tolerance of this thickness as published in ASTM C1036 or other nationally or internationally recognized thickness standards. (Revised 7/1/2016)

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

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

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

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

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

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

TP.2

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

TP.3

For tempered patterned glass, one (1) specimen must be weighed and the weight of ten (10) square inches determined from the weight, width and height of that specimen to use for test purposes.

TP.4 (Deleted 10/5/2004)

TP.5

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

TP.6

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

LAMINATED GLASS

Per minute of the October 4-5, 2022 SGCC Certification Committee Meeting, [New Laminated Certification Guidelines were approved](#). SGCC presented an updated summary of these changes at the September 2023 SGCC Certification Committee meeting, where they were approved with an implementation schedule starting the second half of 2024. Please see the following memos for additional information: [2023.8.28 SGCC Announcement of Upcoming Changes to Laminated Certification](#) and [2023.10.30 SGCC Changes following the September 2023 Certification Committee Meeting](#).

L.1

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

L.2 (Deleted 12/7/2018)

L.3 (Deleted 4/2/2008)

L.4 (Deleted 12/7/2018)

L.5

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

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

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

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

L.6

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

L.7

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

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

L.8

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

L.9 (Deleted 12/7/2018)

L.10

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

L.11

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

WIRED GLASS (ANSI ONLY)

W.1 (Deleted 11/4/2015)

PLASTICS - GENERAL (ANSI Only)

P.1

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

P.2

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

P.3

The following thickness tolerances shall be used for certification purposes:

- Outdoor use plastic materials Categories C-1 and C-2 cast Acrylic, (including continuously cast sheet): As specified in ASTM-D4802-16, Table 2 and Table 3.
- Outdoor use plastic materials Categories M-1 and M-2 extruded Acrylic: As specified in ASTM-D4802-16 Table 2 plus or minus five percent.
- Outdoor use plastic materials extruded polycarbonate: As specified in Military Specification MILP-46144, latest issue.
- Indoor use plastic materials plus or minus five percent of nominal thickness.

P.4

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

P.5

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

PLASTICS - EXTERIOR USE (ANSI Only)

PE.1 (ANSI ONLY)

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

PE.2

Certification of plastics for exterior use shall be permitted prior to completion of ANSI Z97.1 weathering tests (section 5.4) provided that a considered expert opinion states that the infrared spectrogram indicates that the plastic is an acrylic or UV, inhibited polycarbonate of proven weatherability. Certification shall be removed if compliance with the weathering test is not demonstrated within six months of the certification date.

PE.3

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

PE.4

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

PLASTICS - INDOOR USE ONLY (ANSI ONLY)

PI.1

Sheet plastics used in indoor applications only do not have to comply with paragraph 5.4.1 of ANSI Z97.1 (UV Weathering) but must comply with paragraph 5.4.3.

PI.2

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

PI.3

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

LEADED PATTERNED ANNEALED GLASS – (ANSI ONLY)

LG.1 (Deleted 4/26/2007)

LG.2 (Deleted 4/26/2007)

LG.3 (Deleted 4/26/2007)

ORGANIC COATED GLASS

AG.1

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

AG.2

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

AG.3 (ANSI ONLY)

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

AG.4

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

VACUUM INSULATING GLASS (VIG)

See 2017.10.31 “VIG ANSI Interpretation and Information” memo on www.sgcc.org (<https://www.sgcc.org/memos>) or contact the SGCC office. VIG Tempered and Laminated are certified to the following types: VIG Tempered (VIGT), VIG Laminated (VIGL) or VIG Tempered Laminated (VITL) are each tested and certified separately. One will not certify the other.

CHEMICALLY STRENGTHENED SAFETY GLASS (CSSG)


See most recent “ASC Z97 Technical Interpretation (TI-2018.1017.001)” at www.sgcc.org or contact the SGCC office.

SGCC® ADVERTISING GUIDELINES

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

1) SGCC is a non-profit organization that maintains a third-party certification program which provides for the certification of safety glazing materials found to be in compliance with either ANSI Z-97.1-2015 (R2020) 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 marketplace 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.

The use of the prominent etching of the SGCC stylized logo () may misleadingly make it appear as if SGCC is the source of the glazing material and therefore is not permitted as part of the SGCC certification label.

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

4) To buyers, specifiers, code officials, and users, the SGCC certification label offers the licensee assurance that its safety glazing material has been produced in conformance to ANSI Z-97.1-2015 (R2020), 16 CFR 1201 and/or CAN/CGSB 12.1. (Revised 10/10/2012)

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

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

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

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

- a) Our company is a licensee of the Safety Glazing Certification Council (SGCC).
- b) We submit our tempered/laminated glass products for certification through the SGCC program.
- c) Our tempered/laminated glass products that are certified by SGCC as meeting the SGCC certification program are listed in the SGCC's Certified Products Directory.
- d) Our tempered/laminated glass products that are certified by SGCC are indicated by the SGCC logo and certification number permanently marked on our products. (Added 10/26/2010)

9) **ANAB Disclaimer

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

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

GENERAL

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

The permanent label must contain the correct SGCC® number, ANSI Z97.1-2015 and/or 16 CFR 1201 and/or CAN/CGSB 12.1 (and category), the nominal thickness, (see SGCC® Guideline G.29 for international thickness standards), the letter U or L indicating certified size and the ANSI impact class (A or B). (Revised 7/1/2016)

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

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

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

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

EXAMPLES OF LABELS CERTIFIED TO ALL THREE STANDARDS

| <u>In inches</u> | <u>In mm</u> | <u>Laminated example</u> |
|--------------------------------|--------------------------------|--------------------------------|
| ABC Glass – Plant A (optional) | ABC Glass – Plant A (optional) | ABC Glass – Plant A (optional) |
| 16 CFR 1201 II | 16 CFR 1201 II | 16 CFR 1201 II |
| ANSI Z97.1-2015 | ANSI Z97.1-2015 | ANSI Z97.1-2015 |
| CAN/CGSB 12.1-2022 | CAN/CGSB 12.1-2022 | CAN/CGSB 12.1-2022 |
| 1/4 U A SGCC 9999 | 6mm U A SGCC 9999 | (S) U A SGCC 9999 |

SGCC should precede the number within the permanent label.

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

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

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

EXAMPLES

SGCC® Licensee or Primary Producer

Company ABC (optional)
Laminated Glass (optional)
ANSI Z97.1-2015
16 CFR 1201 CII
SGCC 9999 6mm U A

Authorized Distributor or Installer

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

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

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

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

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

ANSI ONLY LABEL

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

Label Content.

The label shall contain the following information:

- 1) Supplier's name, distinctive mark or designation.
- 2) The words "American National Standard Z97.1-2015" or the characters "ANSI Z97.1-2015."
- 3) Classification of test size (L or U) and drop height class (A, B). Plastic glazing does not require drop height.
- 4) Place of fabrication (if fabricator has more than one location fabricating the product).

NOTE: Additional details and information, such as thickness and date of manufacture, are permitted. Quoted from ANSI Z97.1. (Revised 1/1/2011)

Organic-Coated Glass Only.

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

CPSC ONLY LABEL

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

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

CPSC ACT LABELING REQUIREMENTS

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

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

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

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

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

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|-----------|-------------------|------------------|--------------------------|------------|---|-----------|-------------------|--------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| 24 Hour Thermal Glass Insulated Ltd. ; Concord, Ontario | | | | | | Advanced Impact Technologies ; Largo, FL | | | | | |
| 6918 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 7374 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 6919 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 7375 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6920 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 7376 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 3 Form ; Kernersville, NC | | | | | | | | | | | |
| 8085 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 7377 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8476 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7378 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 5026 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 7434 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8477 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 7435 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A |
| 5210 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Advantage Glass Corp ; Crystal Lake, IL | | | | | |
| 5211 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8911 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| 8929 | COMP+CAN | (H) | 8 LTG (ev)(A) | (.030) | U A | 8912 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 8930 | COMP+CAN | (H) | 10 LSP (ev)(A) | (.030x4) | U A | 8913 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8931 | COMP+CAN | (H) | 16+ LSP (ev)(A) | (.030x5) | U A | AdvanTec ; Chilliwack, British Columbia | | | | | |
| 8044554 Canada Inc. ; Stewiacke, Nova Scotia | | | | | | | | | | | |
| 8882 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 7463 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 8883 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7464 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8884 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 7465 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8885 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7466 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 8886 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7467 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| A.N. ALODAN & SONS CO. GLASS & ALUMINIUM FACTORY ; Riyadh, Saudi Arabia | | | | | | | | | | | |
| 7269 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 7468 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7276 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 7469 | COMPOSITE | * | 15.0 TTG (4) | | U A |
| 7277 | COMP+CAN | * | 12.0 TTG (7) | | U A | 7470 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 7278 | COMP+CAN | (H) | 8-16+ LTG (b)(T) | (.045) | U A | 8937 | COMPOSITE | (H) | 10-16+ LTG (ev)(A) | (.060) | U A |
| A3 Glass Fabricator LLC ; Houston, TX | | | | | | AGNORA LTD ; Collingwood, Ontario | | | | | |
| 8506 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 4883 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8507 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4885 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 8508 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 4884 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Accurate Glass Products ; Barrie, Ontario | | | | | | | | | | | |
| 8829 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 4886 | COMP+CAN | (H) | 12+ LTG (b)(A) | (.030) | U A |
| 7672 | COMP+CAN | 3/16 | 5.0 TTG | | U A | Air Master (Valmeg, LLC) ; Gurabo, Puerto Rico | | | | | |
| 7418 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8599 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 7419 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8600 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 7420 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8601 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7421 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8602 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Ace Safety Glass Co., Ltd. ; Jeongeup-si, Jeollabuk-Do | | | | | | | | | | | |
| 8237 | COMP+CAN | 1/8 | 3.0 TTG | 34x3 A | | 8424 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| | | | | 4 | | 8568 | COMPOSITE | (H) | 8 LTG (b)(A) | (.075) | U A |
| 8426 | COMP+CAN | 5/32 | 4.0 TTG | 34x3 A | | 8569 | COMPOSITE | (H) | 10 LTG (b)(A) | (.030) | U A |
| | | | | 4 | | AJJ Glass Products Co., Ltd ; Xiamen, Fujian | | | | | |
| Acme Glass LTD. ; Surrey, British Columbia | | | | | | | | | | | |
| 8603 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8331 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8604 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8332 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| 8605 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8334 | COMP+CAN | (H) | 16+ LTG (b)(A) | (.030) | U A |
| 8606 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8335 | COMP+CAN | (H) | 16+ LTG (ip)(A) | (.060) | U A |
| Advanced Design Manufacturing ; Antioch, CA | | | | | | Al Abbar Architectural Glass ; Dubai, United Arab Emirates | | | | | |
| 6685 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 4846 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 6686 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3556 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| | | | | | | 3557 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| | | | | | | 3558 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| | | | | | | 4590 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| | | | | | | 3976 | COMPOSITE | * | 15.0 TTG (4) | | U A |
| | | | | | | 3977 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| | | | | | | 3560 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| | | | | | | Al Andalus Glass Factory Co. ; Riyadh, Saudi Arabia | | | | | |
| | | | | | | 7486 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| | | | | | | 7487 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| | | | | | | 7488 | COMPOSITE | (H) | 12 LTG (b)(A) | (.030) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------------|-------------------|--------------------------|------|---|-----------|-------------------|-----------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Aldora Aluminum and Glass Products Inc. ; Charleston, SC | | | | | | All Team Glass & Mirror, Ltd. ; Woodbridge, Ontario | | | | | |
| 4328 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 8218 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4330 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 1755 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 4331 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 1756 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4335 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 2790 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4336 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 1757 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4337 | COMPOSITE | (H) | 8, 12 LTG (lu)(A) | (.060) | U A | 1758 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Aldora Aluminum and Glass Products, Inc. ; Austell, GA | | | | | | Allglass Tempering Inc. ; Schiller Park, IL | | | | | |
| 7307 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 5835 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 7308 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 5836 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 7309 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 5837 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 7310 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5838 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7311 | COMPOSITE | 1/2 | 12.0 TTG (MC) | | U A | 5839 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7851 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 7764 | COMPOSITE | (H) | 10-12 LTG (ev)(A)(IN) | (.060) | U A |
| Aldora Aluminum and Glass Products, Inc. ; Coral Springs, FL | | | | | | Aluminum Manufacturers Co. Ltd - ALUMATEC ; Jeddah, Saudi Arabia | | | | | |
| 7643 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 6151 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7644 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 6152 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7645 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6891 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7646 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7346 | COMP+CAN | 1/2 | 12.0 TTG (7) | | U A |
| 7647 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 6892 | COMP+CAN | (H) | 12 LTG (b)(A) | (.030) | U A |
| 8136 | COMPOSITE | (H) | 8 LTG (ip)(A) | (.060) | U A | Aluminum Technology Auxiliary Industries ; Doha, Qatar | | | | | |
| 8135 | COMPOSITE | (H) | 8 LTG (b)(A) | (.060) | U A | 7197 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7648 | COMPOSITE | (H) | 12 LTG (lu)(A)(6) | (.090) | U A | 7198 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| Aldora Aluminum and Glass Products, Inc. ; Newport News, VA | | | | | | Aluminum Window Designs LTD ; Woodbridge, Ontario | | | | | |
| 8791 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 5084 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8792 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5212 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| 8793 | COMPOSITE | 1/4 | 6.0 TTG | | U A | American Glass Tempering and Fabricators, Inc. ; Houston, TX | | | | | |
| 8794 | COMPOSITE | 3/8 | 10.0 TTG | | A | 8385 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 8795 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8406 | COMPOSITE | 5/32 | 4.0 TTG (IN) | | U A |
| 8796 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 8386 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| Aldora Aluminum and Glass Products, Inc. ; Orlando, FL | | | | | | American Insulated Glass ; Dallas, NC | | | | | |
| 5574 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 3859 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 5575 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 3860 | COMPOSITE | 5/32 | 4.0 TTG (IN) | | U A |
| 5576 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 3861 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 5579 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3862 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 5577 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 3863 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6429 | COMPOSITE | (H) | 8 LTG (ip)(A) | (.060) | U A | 3864 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 6428 | COMPOSITE | (H) | 8 LTG (b)(A) | (.060) | U A | American Insulated Glass Inc. ; Birmingham, AL | | | | | |
| All Counties Glass ; Stockton, CA | | | | | | American Insulated Glass Inc. ; Birmingham, AL | | | | | |
| 6409 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8459 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 6410 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8460 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 6411 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8461 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6412 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8462 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6413 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8463 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 6414 | COMP+CAN | 3/8 | 10.0 TTG | | U A | All Glass (Suqian) Holding Co., Ltd. ; Suqian City, Jiangsu | | | | | |
| 6415 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 9168 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| All Glass (Suqian) Holding Co., Ltd. ; Suqian City, Jiangsu | | | | | | All Glass (Suqian) Holding Co., Ltd. ; Suqian City, Jiangsu | | | | | |
| 9168 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 9169 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 9169 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 9170 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 9170 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 9171 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 9171 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 9172 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 9172 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 9173 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 9173 | COMPOSITE | 3/8 | 10.0 TTG | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|---|-----------|-------------------|--------------------|-------------------------------|---|-----------|-------------------|--------------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| American Insulated Glass LLC. ; Knoxville, TN | | | | | Anthony International ; Madison, GA | | | | |
| 8900 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 3249 | COMPOSITE | 1/8 | 3.0 TTG | U A |
| 8901 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A | 3027 | COMPOSITE | 5/32 | 4.0 TTG | U A |
| 8902 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 2352 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| 8903 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 2353 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 8904 | COMPOSITE | 3/8 | 10.0 TTG | U A | 2453 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 8905 | COMPOSITE | 1/2 | 12.0 TTG | U A | 6099 | COMPOSITE | 5/32 | 4.0 TBG | U A |
| 8906 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 2306 | COMPOSITE | 3/16 | 5.0 TBG | U A |
| 8908 | COMPOSITE | 5/32 | 4.0 TPG (s) | U A | 2307 | COMPOSITE | 1/4 | 6.0 TBG | U A |
| 8907 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | Anthony International ; San Fernando, CA | | | | |
| American Insulated Glass LLC. ; Plymouth Township, MI | | | | | 520 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 7834 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 2289 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A |
| 7835 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 999 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 7836 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 1000 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 7837 | COMPOSITE | 3/8 | 10.0 TTG | U A | Architectural Glass Products, LLC. ; St. Louis, MO | | | | |
| 7875 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 4571 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 7876 | COMPOSITE | 3/16 | 5.0 TPG (s) | U A | 4572 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| American Insulated Glass, LLC ; Conley, GA | | | | | 4573 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 5283 | COMPOSITE | 1/8 | 3.0 TTG | U A | 4574 | COMPOSITE | 3/16 | 5.0 TPG (s) | U A |
| 5284 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | ArcTech Glass Ltd. ; Surrey, British Columbia | | | | |
| 5285 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 8815 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 5286 | COMPOSITE | 3/8 | 10.0 TTG | U A | 9004 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 5287 | COMPOSITE | 1/2 | 12.0 TTG | U A | 9005 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 5288 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 9006 | COMP+CAN | 1/2 | 12.0 TPG *(3) | U A |
| 5289 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | Ardic Cam Sanayi A.S. ; Kahramankazan, Ankara | | | | |
| American Insulated Glass, LLC ; Ijamsville, MD | | | | | 9142 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 8098 | COMPOSITE | 3/16 | 5.0 TTG | U A | 9143 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 8099 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 9144 | COMP+CAN | 3/8 | 10.0 TTG (MC) | U A |
| 6144 | COMPOSITE | 3/8 | 10.0 TTG | U A | 9145 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 6145 | COMPOSITE | 1/2 | 12.0 TTG | U A | 9146 | COMP+CAN | (H) | 16+ LTG (b)(A) | (.060) U A |
| Amsco Windows ; Salt Lake City, UT | | | | | Arino Duglass ; Zaragoza, Spain | | | | |
| 2578 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 8757 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 4643 | COMPOSITE | 5/32 | 4.0 TTG (IN) | U A | 8758 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 2580 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 8759 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 2581 | COMPOSITE | 1/4 | 6.0 TTG | U A | 8760 | COMP+CAN | (H) | 12, 16+ LTG (b)(A) | (.030) U A |
| 2582 | COMPOSITE | 1/8 | 3.0 TPG (m) | U A | 8761 | COMP+CAN | (H) | 16+ LTG (ip)(A) | (.060) U A |
| 2584 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | Arlene Stained Glass & Door ; Houston, TX | | | | |
| Anhui Dahe Mirror Enterprise Co. LTD. ; Wuhu, Anhui | | | | | 5127 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 8570 | COMP+CAN | 1/8 | 3.0 TTG | U A | 3583 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| 8571 | COMP+CAN | 3/16 | 5.0 TTG | U A | 3584 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 8572 | COMP+CAN | 1/4 | 6.0 TTG | U A | 3585 | COMPOSITE | 5/32 | 4.0 TPG (d) | U A |
| 8573 | COMP+CAN | 5/16 | 8.0 TTG | U A | Arrow Mirror & Glass, Inc. ; Houston, TX | | | | |
| 8574 | COMP+CAN | 3/8 | 10.0 TTG | U A | 8213 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 8575 | COMP+CAN | 1/2 | 12.0 TTG | U A | 8214 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| AntCam Cam Pazarlama San. Ve Tic. A.S. ; Antalya, Dosemealti | | | | | 8215 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 9213 | COMPOSITE | (H) | 12-16+ LTG (b)(A) | (.060) U A | ArtVue Glass ; Sarasota, FL | | | | |
| 9214 | COMPOSITE | (H) | 12-16+ LTG (ip)(A) | (.070) U A | 7445 | COMPOSITE | (H) | 10-16+ LTG (ev)(A) | (.060) U A |
| 8046 | COMPOSITE | (H) | 16+ LTG (ip)(A) | (.035) U A | 7968 | COMPOSITE | (H) | 12 LTG (ip)(A)(IN) | (.035) U A |
| 8047 | COMPOSITE | (H) | 16+ LTG (b)(A) | (.030) U A | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|---------------|-------------------|-------------------|--------------------------|------|--|-------------|-------------------|----------------|--------------------------|-------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| ATI Windows ; Riverside, CA | | | | | | Bel Pre Glassworks Inc. ; Rockville, MD | | | | | |
| 5635 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 6320 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 5636 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 6321 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 5637 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 6322 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 5638 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 6711 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8057 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6324 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8058 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 6325 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 5639 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A | Bel Shower Door Corporation ; Englewood, CO | | | | | |
| 7995 | COMPOSITE | 5/32 | 4.0 TPG (m) | | U A | 6470 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 8612 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A | 6471 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 8614 | COMPOSITE (S) | | 6 LTG (IN)(ip)(A) | (.035) | U A | 6472 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8613 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A | 6473 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8615 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.035) | U A | 6474 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| Aurora Windows and Doors ; Fremont, CA | | | | | | Bendheim Wall Systems ; Wunsiedel-Holenbrunn, Bavaria | | | | | |
| 8819 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5145 | COMPOSITE * | | 6.0 TBP (s)(2) | | 22x7 A 6 |
| 8818 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5144 | COMPOSITE * | | 7.0 TBP (d)(2) | | 14x7 A 6 |
| 8820 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 2570 | COMPOSITE * | | 6.0 TBG (2) | | 22x7 A 6 |
| 8821 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 2569 | COMPOSITE * | | 7.0 TBG (2) | | 14x7 A 6 |
| Basco Engineered Products ; Hamilton, OH | | | | | | BG Glass Technologies Inc. ; Barrie, Ontario | | | | | |
| 4139 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 8137 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4724 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8138 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 3810 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8139 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 3811 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8993 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 3812 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8140 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 5076 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 8141 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8106 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | Blackline Aluminum Systems ; Markham, Ontario | | | | | |
| 4689 | COMPOSITE | 1/4 | 6.0 TPG (m) | | U A | 8117 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 5203 | COMPOSITE | 3/8 | 10.0 TPG (m) | | U A | 8118 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Beijing Hangglass New Material Technology Co., Ltd. Zaozhuang Branch ; Zaozhuang, Shandong | | | | | | 8119 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 9086 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8120 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 9087 | COMPOSITE | 1/4 | 6.0 TTG | | U A | Blue Star Glass Inc. ; North Brunswick, NJ | | | | | |
| 9088 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 6782 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| 9089 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4518 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 9090 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 4519 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| Beijing NorthTech Haiyangshunda Glass Ltd. ; Daxing District, Beijing | | | | | | 6407 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A |
| 6668 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 4520 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A |
| 6669 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4521 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7562 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 5174 | COMPOSITE | 5/8 | 16.0 TTG | | U A |
| 9196 | COMP+CAN (*) | | 12.0 TTG (3) | | U A | 5175 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 9201 | COMP+CAN (H) | | 12 LTG (ip)(HS) | (.090) | U A | Blue Star Glass Texas, LLC ; Dallas, TX | | | | | |
| 6677 | COMP+CAN (H) | | 12-16+ LTG (b)(T) | (.060) | U A | 8897 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| Beijing Wuhuatanbao Glass Co., Ltd. ; Shunyi District, Beijing | | | | | | 8780 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6903 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8898 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 6904 | COMP+CAN | 3/16 | 5.0 TTG | | U A | Bronco Industries, Inc. ; Delta, British Columbia | | | | | |
| 6905 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 6973 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 6906 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 5871 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 6907 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 6974 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6908 | COMP+CAN * | | 12.0 TTG (3) | | U A | 5366 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6909 | COMP+CAN * | | 15.0 TTG (3) | | U A | 5367 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6910 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 5368 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 7762 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A | 6972 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 7763 | COMP+CAN (H) | | 8-16+ LTG (ip)(A) | (.035) | 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) | | | |
| BVGLAZING SYSTEMS ; Concord, Ontario | | | | | | Cardinal CG ; Northfield, MN | | | | | |
| 6135 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 1985 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 6136 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 1986 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 6137 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 1987 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6138 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 1988 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 6139 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 4775 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| C&C Custom Glass & Tempering, LLC ; Tulsa, OK | | | | | | Cardinal CG ; Spring Green, WI | | | | | |
| 6854 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 4137 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6855 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 6534 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6856 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 2011 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 6857 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 2012 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 6858 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 2013 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 6859 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Cardinal CG ; Tumwater, WA | | | | | |
| 6860 | COMPOSITE | 3/4 | 19.0 TTG (IN) | | U A | 2067 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 6962 | COMPOSITE | 5/32 | 4.0 TPG (s) | | U A | 2068 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 6861 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 2069 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6862 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 2070 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| California Safety Glass S.A. de C.V. ; Tijuana, Baja California | | | | | | Cardinal CG ; Waxahachie, TX | | | | | |
| 9127 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 2954 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 9128 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 6723 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 9129 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 2956 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 9130 | COMPOSITE | 3/8 | 10.0 TTG | | U A | Cardinal CT ; Adel, GA | | | | | |
| Cameron Glass, LLC. ; Broken Arrow, OK | | | | | | 2699 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4832 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 2700 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 2501 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 2701 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 2455 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 2702 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 2032 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8556 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 2033 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4047 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A |
| Camyapi Cam Paz. Ins. Taah. Tic.ve San. Ltd. Sti ; Kocaeli, Dilovasi | | | | | | 2705 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 9161 | COMP+CAN | 1/4 | 6.0 TTG | | U A | Cardinal CT ; Casa Grande, AZ | | | | | |
| 9162 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 2878 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 8281 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 2879 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 8283 | COMP+CAN | (H) | 16+ LTG (T)(b) | (.060) | U A | 2880 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| Cardinal CG ; Buford, GA | | | | | | 2881 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 1921 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 4103 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 1922 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 4104 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 1923 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 4105 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 1924 | COMP+CAN | 1/4 | 6.0 TTG | | U A | Cardinal CG ; Galt, CA | | | | | |
| 2146 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A | 2357 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4599 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A | 2358 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| Cardinal CG ; Mazomanie, WI | | | | | | 2359 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 4780 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 2360 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 4781 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 3599 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| 5306 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 4347 | COMPOSITE | 5/32 | 4.0 TPG (d) | | U A |
| 4783 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3601 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| 6552 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|--|-----------|----------------------------------|--------------|----------------------------------|-------------------------------------|----------|----------------------------------|--------------|----------------------------------|
| Cardinal CT ; Dixon, CA | | | | | Cardinal CT ; Utica, OH | | | | |
| 8480 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 4620 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 8481 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A | 4621 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 8482 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 4622 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 2842 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 5479 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 8674 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 4623 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A |
| 8675 | COMPOSITE | 5/32 | 4.0 TPG (s) | U A | 4624 | COMP+CAN | 5/32 | 4.0 TPG (m) | U A |
| 8676 | COMPOSITE | 3/16 | 5.0 TPG (s) | U A | 4625 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| Cardinal CT ; Easton, PA | | | | | Cardinal FG ; Durant, OK | | | | |
| 4756 | COMP+CAN | 1/8 | 3.0 TTG | U A | 2909 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 4757 | COMP+CAN | 5/32 | 4.0 TTG | U A | 2910 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 4758 | COMP+CAN | 3/16 | 5.0 TTG | U A | 2911 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 5842 | COMP+CAN | 1/4 | 6.0 TTG | U A | 2912 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 4759 | COMP+CAN | 1/8 | 3.0 TPG (d) | U A | Cardinal FG ; Greenland, TN | | | | |
| 4760 | COMP+CAN | 5/32 | 4.0 TPG (s) | U A | 598 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 6143 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 955 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| Cardinal CT ; Fort Worth, TX | | | | | 220 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 7317 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 89 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 7318 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | Cardinal IG ; Buckeye, AZ | | | | |
| 7319 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 6556 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 7320 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 6522 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 7321 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | 6523 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 7323 | COMP+CAN | 5/32 | 4.0 TPG (m) | U A | 6524 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 7322 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 6557 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| Cardinal CT ; Loveland, CO | | | | | 7491 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A |
| 3579 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 6525 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A |
| 3580 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A | 6559 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| 3581 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | Cardinal IG ; Fargo, ND | | | | |
| 3555 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 2235 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 8870 | COMPOSITE | 3/8 | 10.0 TTG | U A | 2234 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 8969 | COMPOSITE | 1/2 | 12.0 TTG | U A | 2233 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 4343 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 2232 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 4344 | COMPOSITE | 5/32 | 4.0 TPG (d) | U A | 7067 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 4345 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 2231 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A |
| 5720 | COMPOSITE | 1/4 | 6.0 TPG (d) | U A | 2285 | COMP+CAN | 5/32 | 4.0 TPG (m) | U A |
| Cardinal CT ; Moreno Valley, CA | | | | | 2286 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A |
| 2293 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | Cardinal IG ; Fremont, IN | | | | |
| 2294 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 2176 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 2295 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 2177 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 2296 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 2178 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 5335 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | 2179 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 9151 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A | 2203 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A |
| 5336 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 2204 | COMP+CAN | 5/32 | 4.0 TPG (m) | U A |
| Cardinal CT ; Mount Airy, NC | | | | | 2205 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A |
| 4578 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | Cardinal IG ; Greenfield, IA | | | | |
| 4579 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 1827 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 4580 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 1828 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 8134 | COMP+CAN | 1/4 | 6.0 TTG | U A | 1829 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 4581 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | 1830 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 4742 | COMP+CAN | 5/32 | 4.0 TPG (s) | U A | 5435 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 4582 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 1841 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A |
| | | | | | 1842 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A |
| | | | | | 1843 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|---------------------------------------|----------|-------------------|--------------|-------------------------------|---|-----------|-------------------|--------------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| Cardinal IG ; Hood River, OR | | | | | Cardinal IG ; Waxahachie, TX | | | | |
| 2831 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 2328 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 2858 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 2329 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 2833 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 2330 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 2834 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 2331 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 7926 | COMP+CAN | 5/16 | 8.0 TTG | U A | 2397 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A |
| 2857 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | 8921 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A |
| 4836 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A | 2399 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| 2859 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | Cardinal LG ; Amery, WI | | | | |
| Cardinal IG ; Mountain Top, PA | | | | | 8255 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 3068 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 5193 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 3069 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 4841 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 3070 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 4842 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 3071 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 4843 | COMP+CAN | 3/8 | 10.0 TTG (MC) | U A |
| 8655 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | 4844 | COMP+CAN | 1/2 | 12.0 TTG (MC) | U A |
| 3115 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A | 6484 | COMP+CAN | 5/8 | 16.0 TTG (IN) | U A |
| 3072 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 2976 | COMP+CAN | (S) | 5-6 LTG (b)(A) | (.030) U A |
| Cardinal IG ; Ocala, FL | | | | | 4350 | COMP+CAN | (S) | 5-6 LTG (ip)(A) | (.035) U A |
| 8846 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 4120 | COMP+CAN | (S) | 5 LTG (b)(A) | (.015)(C1) U B |
| 8847 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 4351 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) U A |
| 8848 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 2462 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 8849 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 8336 | COMP+CAN | (H) | 16+ LSP (b)(A)(IN) | .060X2 U A |
| 8850 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | | | | ECX1 | |
| 8851 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | Cardinal LG ; Ocala, FL | | | | |
| 8852 | COMP+CAN | 1/4 | 6.0 TPG (s) | U A | 3505 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| Cardinal IG ; Spring Green, WI | | | | | 3506 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A |
| 1831 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 3507 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 5910 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 3508 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 5911 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 4584 | COMPOSITE | 1/8 | 3.0 TPG (m) | U A |
| 1834 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 4587 | COMPOSITE | 1/4 | 6.0 TPG (s) | U A |
| 1844 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | 6100 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) U A |
| 1845 | COMP+CAN | 5/32 | 4.0 TPG (m) | U A | 3509 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) U A |
| 5912 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A | 4362 | COMPOSITE | (H) | 8-12 LTG (ip)(A) | (.035) U A |
| Cardinal IG ; Tomah, WI | | | | | 3510 | COMPOSITE | (H) | 8-12 LTG (b)(A) | (.030) U A |
| 2317 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | Cardinal LG ; Statesboro, GA | | | | |
| 2318 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 2314 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 2319 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 2310 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 2320 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 4720 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 6069 | COMP+CAN | 5/16 | 8.0 TTG | U A | 2311 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 2321 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | 8893 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) U A |
| 2322 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A | 7591 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A |
| 2323 | COMP+CAN | 3/16 | 5.0 TPG (d) | U A | 8672 | COMP+CAN | (H) | 8 LTG (ip)(A) | (.035) U A |
| Cardinal IG ; Vinton, VA | | | | | 4779 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 2919 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | Cardinal LG Northeast ; Jessup, PA | | | | |
| 2920 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 7496 | COMP+CAN | 1/8 | 3.0 TTG | U A |
| 2921 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 7497 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 2922 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 7498 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 2923 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | 7499 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 2924 | COMP+CAN | 5/32 | 4.0 TPG (d) | U A | 7500 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 3619 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A | 7549 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| | | | | | 7550 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| | | | | | 6617 | COMP+CAN | (S) | 5-6 LTG (ip)(A) | (.035) U A |
| | | | | | 5224 | COMP+CAN | (S) | 5-6 LTG (b)(A) | (.030) U A |
| | | | | | 9111 | COMP+CAN | (H) | 8 LTG (b)(A) | (.030) U A |
| | | | | | 6618 | COMP+CAN | (H) | 8-12 LTG (ip)(A) | (.035) U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|--------------------|--------------------------|------|--|-----------|-------------------|-----------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Cardinal TG ; Chehalis, WA | | | | | | Changshu ZhongXin Building Materials Co., Ltd. ; Changshu, Jiangsu | | | | | |
| 3455 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 2432 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 3456 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 6191 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 3458 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 6475 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 3459 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 6499 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Carey Glass UC ; Nenagh, Co. Tipperary | | | | | | Changshu Zhouxing Craft Glass Factory ; Changshu, Jiangsu | | | | | |
| 5998 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 6500 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 5999 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 4363 | COMP+CAN | (H) | 8 LTG (b)(A) | (.090) | U A |
| 6000 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | Changshu Zhouxing Craft Glass Factory ; Changshu, Jiangsu | | | | | |
| 6001 | COMP+CAN | (H) | 12-16+ LTG (b)(A) | (.060) | U A | 4936 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7333 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.060) | U A | Chicago Tempered Glass, Inc. ; Chicago, IL | | | | | |
| Cat-I Manufacturing, Inc. ; South Elgin, IL | | | | | | Chicago Tempered Glass, Inc. ; Chicago, IL | | | | | |
| 8076 | COMP+CAN | 1/8 | 3.0 TTG | 24x3 A | 6 | 3086 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 5755 | COMP+CAN | 5/32 | 4.0 TTG | 24x3 A | 6 | 3087 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| Central Florida Glass & Mirror, Inc ; Sebring, FL | | | | | | Chicago Tempered Glass, Inc. ; Chicago, IL | | | | | |
| 8970 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 3088 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8971 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 3089 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8972 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3090 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8973 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8710 | COMPOSITE | (H) | 10, 12 LTG (b)(A)(IN) | (.030) | U A |
| Central Valley Glass & Screen, Inc. ; Sacramento, CA | | | | | | Ching Chyau Co., Ltd. ; Kaohsiung, Taiwan | | | | | |
| 7551 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 6714 | COMPOSITE | (H) | 12 LTG (ip)(A)(IN) | (.035) | U A |
| 7552 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing | | | | | |
| 7553 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 6810 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7554 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 6811 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7555 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6812 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7556 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 6813 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| CGMI Acquisition Company LLC dba Clearlight Glass and Mirror ; Kernersville, NC | | | | | | Chongqing SYP Engineering Glass Co., Ltd. ; Wandong Town, Chongqing | | | | | |
| 7809 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 6815 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.060) | U A |
| 7239 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 6814 | COMP+CAN | (H) | 12-16+ LTG (b)(A) | (.030) | U A |
| 7240 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya | | | | | |
| 7243 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8743 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7241 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8744 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Changshu Fardglass Co. Ltd. ; Changshu, Jiangsu | | | | | | Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya | | | | | |
| 6684 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8745 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| Changshu Mingyang Glass Products Co., Ltd. ; Changshu, Jiangsu | | | | | | Ciraylar Cam Insaat Malzemeleri San. VE TIC. A.S. ; Karatay, Konya | | | | | |
| 8553 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 8746 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8853 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 8747 | COMPOSITE | * | 12.0 TTG (3) | | U A |
| 8766 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8748 | COMPOSITE | (H) | 10-16+ LTG (b)(A) | (.060) | U A |
| 8767 | COMPOSITE | 5/16 | 8.0 TTG | | U A | Citywide Glass Services ; Taunton, MA | | | | | |
| 8854 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 9215 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| Changshu Weier Glass Products Co. Ltd. ; Changshu, Jiangsu | | | | | | Citywide Glass Services ; Taunton, MA | | | | | |
| 5351 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 9216 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 5352 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 9217 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 5353 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 9218 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 5354 | COMPOSITE | 1/4 | 6.0 TTG | | U A | Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province | | | | | |
| Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu | | | | | | Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province | | | | | |
| 4657 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 9075 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 5151 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 9076 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 5152 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 9077 | COMPOSITE | * | 12.0 TTG (3) | | U A |
| Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu | | | | | | Classy Glass Specialties Technology Co., Ltd ; Dongguan, Guangdong Province | | | | | |
| 4657 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 9078 | COMPOSITE | (H) | 12-16+ LTG (b)(A) | (.030) | U A |
| 5151 | COMP+CAN | 5/16 | 8.0 TTG | | U A | Cleer Vision Tempered Glass ; Elkhart, IN | | | | | |
| 5152 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 4546 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu | | | | | | Cleer Vision Tempered Glass ; Elkhart, IN | | | | | |
| 4657 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8652 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 5151 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8653 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 5152 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7630 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Changshu Xingfu Glass Building Material Co., LTD ; Changshu, Jiangsu | | | | | | Cleer Vision Tempered Glass ; Elkhart, IN | | | | | |
| 4657 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8654 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|---|-----------|-------------------|-------------------|--------------------------|------------|---|----------|-------------------|--------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Clinton Glass Company (Middlebrook Pike) ; Knoxville, TN | | | | | | Contractors Wardrobe ; Valencia, CA | | | | | |
| 7543 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 3464 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7831 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 3465 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7544 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3466 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7545 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 3467 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Coastal Curved Glass ; Pitt Meadows, BC | | | | | | Control Glass, A&S, S.L. ; Teruel, Spain | | | | | |
| 9165 | COMP+CAN | (H) | 12-16+ LTG (b)(A) | (.030) | U A | 3468 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| Colorkote CT, LLC ; Stratford, CT | | | | | | Coral Industries Glass Division ; Tuscaloosa, AL | | | | | |
| 7095 | COMP+CAN | (H) | 10-12 LTG (ev)(A) | (.060) | U A | 3469 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Comercial Dialum SA ; Lampa, Santiago | | | | | | Crystal Tempering, Inc. ; Debary, FL | | | | | |
| 8581 | COMPOSITE | (H) | 8 LTG (b)(A) | (.090) | U A | 3470 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 5938 | COMPOSITE | (H) | 12 LTG (ip)(A) | (.035) | U A | 3472 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| Commercial Insulating Glass Co. ; Cumberland City, TN | | | | | | CS ECO Glass (M) Sdn Bhd ; Sungai Gadut, Negeri Sembilan | | | | | |
| 3806 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 3473 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |
| 3807 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 3474 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 3808 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 3475 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| Compagnie de Portes Énergétique EDC (Energy Door Company) ; L'Assomption, Quebec | | | | | | Custom Glass Products Inc. ; Weston, WI | | | | | |
| 7192 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 3476 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| Complete Line Glass Wholesalers, Inc. ; San Antonio, TX | | | | | | Curved Glass Creations, LLC ; Pompano Beach, FL | | | | | |
| 7565 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 3477 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A |
| 7566 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7791 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7567 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 7792 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7568 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 7793 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7569 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7988 | COMP+CAN | * | 12.0 TTG (4) | | U A |
| 7570 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 7794 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 7572 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 7795 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.060) | U A |
| Consolidated Glass Corp. ; New Castle, PA | | | | | | Contour Industries, Inc. ; Surgoinville, TN | | | | | |
| 1998 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 1680 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 1999 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 4285 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 2005 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 1678 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 2002 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 1677 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 3635 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4701 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 2003 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 4702 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2004 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4703 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 2355 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 4704 | COMP+CAN | 5/32 | 4.0 TPG (s)(IN) | | U A |
| 2354 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 4705 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 4714 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | | | | | | |
| 4785 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A | | | | | | |
| 8919 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | | | | | | |
| 8920 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED | ANSI CLASS |
|---|-----------|-------------------|--------------------|--------------------|-------------|---|-----------|-------------------|--------------------|--------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| ECO Glass Production ; Medley, FI | | | | | | Extrusiones de Aluminio, S.A. ; Santo Domingo, Heredia | | | | | |
| 8367 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8157 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8369 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8158 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8370 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8159 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8371 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A | 8160 | COMPOSITE | (H) | 10-16+ LTG (ip)(A) | (.035) | U A |
| 8276 | COMP+CAN | (H) | 8,12 LTG (b)(A) | (.090) | U A | 8161 | COMPOSITE | (H) | 10-16+ LTG (b)(A) | (.030) | U A |
| 8368 | COMP+CAN | (H) | 8 LTG (ip)(A) | (.035) | U A | Fairis C.A. ; Ambato, Tungurahua | | | | | |
| 8372 | COMP+CAN | (H) | 8 LTG (b)(A) | (.045) | U A | 4425 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| Edge Tempering ; Hialeah, FL | | | | | | 4426 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7280 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 4427 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6297 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 4428 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 6298 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4429 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6299 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 4722 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A |
| EFCO Corporation ; Monett, MO | | | | | | 4430 | COMPOSITE | (H) | 10-12 LTG (b)(A) | (.030) | U A |
| 4121 | COMPOSITE | 1/8 | 3.0 TTG | | U A | FG Glass Industries Pvt Ltd. ; Mumbai, Maharashtra | | | | | |
| 1901 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8417 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 1902 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8418 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4154 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8419 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 8233 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8420 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2143 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 8421 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Eko-Okna S.A. ; Kornice, Poland | | | | | | 8344 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 9117 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8345 | COMP+CAN | (H) | 16+ LTG (b)(A) | (.015) | U A |
| 9118 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | Flat Glass Distributors ; Jacksonvllge, FL | | | | | |
| 9119 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 3822 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 9120 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 3823 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 9121 | COMP+CAN | * | 12.0 TTG (MC)(3) | | U A | 3824 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| Elivate Mexico Supply S. de R.L. de C.V. ; Tecate, Baja California | | | | | | 3825 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8435 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3826 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8436 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3828 | COMPOSITE | 1/8 | 3.0 TPG (m) | | U A |
| 8437 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 3830 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| 8438 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3831 | COMPOSITE | 1/4 | 6.0 TPG (s) | | U A |
| 8439 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4638 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |
| 8440 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A | Flat Glass Group Co., Ltd. ; Jiaxing, Zhejiang | | | | | |
| 8441 | COMP+CAN | (H) | 10-16+ LTG (ip)(A) | (.035) | U A | 5521 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| Engineered Glass Products, L.L.C. ; Chicago, IL | | | | | | 5522 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 4388 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | 26x7 A 2 | 5523 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 2589 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | 26x7 A 2 | 5524 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8185 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | 26x7 A 2 | 8380 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Epta S.P.A. ; Limana, Belluno | | | | | | 5526 | COMP+CAN | (H) | 10-16+ LTG (b)(HS) | (.030) | U A |
| 7934 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | Foshan Douglas Glass Technology Co., LTD. ; Foshan, Guangdong Province | | | | | |
| Erdem Dis Ticaret A.S. ; Pendik, Istanbul | | | | | | 8695 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7609 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8696 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7610 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8697 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7611 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Foshan Gaoming Yaqi Toughened Glass ; Foshan, Guangdong Province | | | | | |
| 7612 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A | 8627 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Excel Glass Systems ; Carrollton, TX | | | | | | 6119 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 9132 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A | 6120 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 9133 | COMPOSITE | (H) | 10,12 LTG (b)(A) | (.030) | U A | 6121 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Express Impact Manufacturing ; Medley, FL | | | | | | 6122 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8590 | COMPOSITE | (H) | 8, 12 LTG (b)(A) | (.090) | U A | 7717 | COMP+CAN | 5/16 | 8.0 TPG (s) | | U A |
| | | | | | | 6123 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| | | | | | | 6124 | COMP+CAN | 5/16 | 8.0 TBG | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|--------------|----------------------------------|-----------------|-----------------------------|------|--|--------------|----------------------------------|-------------------|-----------------------------|------|
| Foshan Nanhai Nengyang Electrical Technology Co., Ltd. ; Foshan, Guangdong Province | | | | | | G.E. Silliker & Sons Ltd. ; Borden-Carleton, Prince Edward Island | | | | | |
| 8260 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8224 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 8261 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8225 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 8262 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8226 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 8263 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8227 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| Foshan Nanhai Ruixin Glass Co., LTD. ; Foshan, Guangdong Province | | | | | | 8228 COMP+CAN 5/16 8.0 TTG (MC) U A | | | | | |
| 8321 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8229 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8322 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8230 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8323 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8231 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 9122 | COMP+CAN (H) | | 12 LTG (ev)(A) | (.030) | U A | 8232 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| Fountain Glass Inc. ; Lenexa, KS | | | | | | Galaxy Glass & Stone ; Fairfield, NJ | | | | | |
| 7105 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5752 | COMP+CAN (H) | | 8-16+ LTG (ev)(A) | (.060) | U A |
| 7101 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 3661 | COMP+CAN (H) | | 8-16+ LTG (lu)(A) | (.060) | U A |
| 7106 | COMPOSITE | 3/8 | 10.0 TTG | | U A | Garibaldi Glass Ind. Inc. ; Burnaby, British Columbia | | | | | |
| 7104 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 5124 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7102 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 4419 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7100 | COMPOSITE | 1/4 | 6.0 TPG (s) | | U A | 5219 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 7103 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 4420 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| Fujian Chengda Glass Co., Ltd ; Zhangzhou, Fujian | | | | | | 4421 COMP+CAN 1/2 12.0 TTG U A | | | | | |
| 7182 | COMPOSITE | 1/8 | 3.0 TTG (IN) | | U A | 9203 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 7183 | COMPOSITE | 5/32 | 4.0 TTG (IN) | | U A | 4422 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 7874 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 7380 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| 7185 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 6767 | COMP+CAN (S) | | 6 LTG (ip)(A) | (.035) | U A |
| 7186 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 6766 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A |
| 7187 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6768 | COMP+CAN (H) | | 8-16+ LTG (ip)(A) | (.035) | U A |
| 7188 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Gemtron Canada Corporation ; Midland, Ontario | | | | | |
| Fujian Tider Glass Co., Ltd. ; Xiamen, Fujian | | | | | | 3067 COMP+CAN 1/8 3.0 TTG (MC) U A | | | | | |
| 8366 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 3659 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 7784 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 3636 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7785 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3637 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7786 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 6020 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7787 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 6021 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7788 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Gemtron Corporation ; Sweetwater, TN | | | | | |
| 7789 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 1334 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 8360 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A | 1332 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 8361 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | 1201 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| Fujian Xihe Sanitary Ware Technology Co., Ltd ; Quanzhou, Fujian | | | | | | 1477 COMP+CAN 1/4 6.0 TTG U A | | | | | |
| 8023 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 1422 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 8024 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 1424 | COMP+CAN | 5/32 | 4.0 TPG (s) | | U A |
| 8025 | COMPOSITE | 1/4 | 6.0 TTG | | U A | General Glass ; Vancouver, WA | | | | | |
| 8026 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 4031 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 8618 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4032 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| 8617 | COMPOSITE | 1/4 | 6.0 TPG (s) | | U A | 4033 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 8938 | COMPOSITE | 1/4 | 6.0 TPG (IN)(d) | | U A | 4034 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8030 | COMPOSITE | 3/16 | 5.0 TBG | | U A | 8806 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8031 | COMPOSITE | 1/4 | 6.0 TBG | | U A | 5751 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8032 | COMPOSITE | 5/16 | 8.0 TBG | | U A | 5750 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| Futureguard Building Products ; Auburn, ME | | | | | | 7478 COMPOSITE 3/16 5.0 TPG (m) U A | | | | | |
| 8663 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | Fuzhou Autran Industrial Co., Ltd. ; Fuzhou, Fujian | | | | | |
| Fuzhou Autran Industrial Co., Ltd. ; Fuzhou, Fujian | | | | | | 8698 COMP+CAN 1/4 6.0 TTG U A | | | | | |
| 8698 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8699 COMP+CAN 3/8 10.0 TTG U A | | | | | |
| 8699 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8700 COMP+CAN 1/2 12.0 TTG U A | | | | | |
| 8700 | COMP+CAN | 1/2 | 12.0 TTG | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|--------------------|--------------------------|------|--|-----------|-------------------|--------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| GGI Glass Distributors Corp. ; Secaucus, NJ | | | | | | Glass Insulators Inc. ; Bloomer, WI | | | | | |
| 2928 | COMPOSITE | 5/32 | 4.0 TTG (IN) | | U A | 9007 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 2226 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 9008 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 2227 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 9009 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 4248 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 9010 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 2282 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 9200 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |
| 2228 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Glass Laminate Solutions ; Hialeah, FL | | | | | |
| 3857 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 8671 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.060) | U B |
| 3858 | COMPOSITE | 3/4 | 19.0 TTG | | U A | Glassbel Baltic ; Klaipeda, Lithuania | | | | | |
| 4774 | COMPOSITE | 1 | 25.0 TTG (IN) | | U A | 6706 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 3970 | COMPOSITE | 5/32 | 4.0 TPG (s)(IN) | | U A | 6707 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A |
| 3971 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 6708 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A |
| 3972 | COMPOSITE | 1/4 | 6.0 TPG (m) | | U A | 6709 | COMPOSITE | 1/2 | 12.0 TTG (MC) | | U A |
| 3973 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 8049 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 3974 | COMPOSITE | 1/2 | 12.0 TPG (s)(IN) | | U A | 7524 | COMPOSITE | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| Gin Jye Ming Glass Co., Ltd. ; Lugang Township, Changhua County | | | | | | 9094 | COMPOSITE | (H) | 12-16+ LSP (b)(A) | (.060)X2 | U A |
| 7868 | COMP+CAN | 3/16 | 5.0 TTG (IN) | | U A | GlassecViracon ; Nazare Paulista, Sao Paulo | | | | | |
| 7869 | COMP+CAN | (S) | 6 LTG (b)(A)(IN) | (.030) | U A | 9060 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| GLAAM Co., Ltd. ; Pyeongtaek-si, Gyeonggi-do | | | | | | 9061 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 7928 | COMP+CAN | (H) | 10 LTG (lu)(A) | (.098) | U B | 9062 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| GLASPRO ; Santa Fe Springs, CA | | | | | | 9063 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 6047 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 9064 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 6048 | COMP+CAN | 1/2 | 12.0 TTG | | U A | Glassfab Canada ; Aldergrove, British Columbia | | | | | |
| 6050 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 8636 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| Glass and Mirror Craft ; Wixom, MI | | | | | | 8637 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4198 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8638 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 5116 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8622 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4199 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8623 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4200 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8639 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 5598 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8640 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 4202 | COMP+CAN | 1/2 | 12.0 TTG | | U A | GlassFab Tempering Services Inc. Holly Drive ; Tracy, CA | | | | | |
| 4203 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 6118 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4204 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 5986 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 9131 | COMP+CAN | (H) | 12 LTG (ev)(A) | (.060) | U A | 7024 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 4924 | COMP+CAN | (H) | 12-16+ LTG (ip)(T) | (.035) | U A | 5988 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A |
| Glass Design of Miami, Inc. ; Medley, FL | | | | | | 5989 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7145 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5990 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 7144 | COMPOSITE | 3/8 | 10.0 TTG | | U A | GlassFab Tempering Services, Inc. Linne Road ; Tracy, CA | | | | | |
| 7143 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8879 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A |
| Glass Enterprises, Inc. ; Bensalem, PA | | | | | | 8881 | COMPOSITE | (H) | 12 LTG (ip)(A) | (.060) | U A |
| 4628 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 8880 | COMPOSITE | (H) | 12 LTG (b)(A) | (.030) | U A |
| 4629 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | GlassFab Tempering Services, Inc. Mariani Ct. ; Tracy, CA | | | | | |
| 6597 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7799 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 6598 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 4889 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8540 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 4891 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8541 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 7023 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Glass Group & Seal Inc ; Concord, Ontario | | | | | | 4890 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 9000 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 4893 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 9001 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7796 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| 9002 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 5128 | COMPOSITE | 5/32 | 4.0 TPG (d) | | U A |
| 9003 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A | 7797 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| | | | | | | 7798 | COMPOSITE | 1/4 | 6.0 TPG (s) | | U A |
| | | | | | | 4897 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|---|---------------|-------------------|---------------|-------------------------------|---|--------------|-------------------|--------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| Glasstech Industries B.S.C. ; Hidd, Manama | | | | | Glaz-Tech Industries, Inc. ; Phoenix, AZ | | | | |
| 7298 | COMPOSITE | 5/32 | 4.0 TTG | U A | 6582 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 7299 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 6583 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| 7300 | COMPOSITE | 5/16 | 8.0 TTG (MC) | U A | 6584 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 7306 | COMPOSITE (H) | 8,12-16+ | LTG (b)(A) | (.015) U A | 6585 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| GlasTemp, Inc. ; Bellwood, IL | | | | | Glaz-Tech Industries, Inc. ; Santa Teresa, NM | | | | |
| 8320 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 6586 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 8151 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 8892 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A |
| 7695 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 6588 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 7696 | COMPOSITE | 3/8 | 10.0 TTG | U A | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 7697 | COMPOSITE | 1/2 | 12.0 TTG | U A | 6599 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| Glasswerks GWA- West ; South Gate CA | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 5480 | COMPOSITE | 5/32 | 4.0 TTG | U A | 6600 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 5481 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 6601 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 5482 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 6602 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| Glasswerks GWLA- East ; South Gate, CA | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 4804 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 6603 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 5882 | COMPOSITE | 5/32 | 4.0 TTG | U A | 6604 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A |
| 4805 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 6605 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A |
| 4806 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 6606 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 5883 | COMPOSITE | 3/8 | 10.0 TTG (MC) | U A | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 5884 | COMPOSITE | 1/2 | 12.0 TTG | U A | 6574 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 6921 | COMPOSITE | 5/8 | 16.0 TTG | U A | 6575 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 5885 | COMPOSITE | 3/4 | 19.0 TTG | U A | 6576 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 7074 | COMPOSITE (S) | 6 | LTG (b)(A) | (.030) U A | 6577 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 5886 | COMPOSITE (H) | 8-16+ | LTG (b)(A) | (.030) U A | 6578 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 6057 | COMPOSITE (H) | 8-16+ | LTG (ip)(A) | (.035) U A | 6579 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A |
| Glasswerks GWT ; Temecula, CA | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 6095 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 6580 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A |
| 6096 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 6581 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 6097 | COMP+CAN | 3/8 | 10.0 TTG | U A | Glenny Glass Co. ; Milford, OH | | | | |
| 6098 | COMP+CAN | 1/2 | 12.0 TTG | U A | 3841 | COMPOSITE | 1/8 | 3.0 TTG | U A |
| Glaz-Tech Industries, Inc. ; Albuquerque, NM | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 8782 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 3843 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| 8783 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 3844 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 8784 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 3845 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 8785 | COMPOSITE | 3/8 | 10.0 TTG | U A | 3846 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 8786 | COMPOSITE | 1/2 | 12.0 TTG | U A | Global Security Glazing ; Selma, AL | | | | |
| 8787 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 4764 | COMP+CAN | 1/8 | 3.0 TTG | U A |
| 8788 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A | 4765 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| Glaz-Tech Industries, Inc. ; Boise, ID | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 6607 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 4766 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 6608 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 4767 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 6609 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 4768 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 6610 | COMPOSITE | 3/8 | 10.0 TTG | U A | 4769 | COMP+CAN (S) | 6 | LTG (b)(A) | (.030) U A |
| 6611 | COMPOSITE | 1/2 | 12.0 TTG | U A | 4770 | COMP+CAN (H) | 12 | LTG (b)(A) | (.060) U A |
| 6713 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | GnT Glass Co., Ltd. ; Dongguan, Guangdong Province | | | | |
| 6612 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A | 6540 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| Glaz-Tech Industries, Inc. ; Englewood, CO | | | | | Glaz-Tech Industries, Inc. ; Tucson, AZ | | | | |
| 2186 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 5788 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 8505 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 5789 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 5143 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5790 | COMP+CAN * | 12.0 | TTG (3) | U A |
| 2189 | COMPOSITE | 1/2 | 12.0 TTG | U A | 7131 | COMP+CAN (H) | 10 | LTG (ip)(T) | (.060) U A |
| 2193 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 5791 | COMP+CAN (H) | 10-16+ | LTG (b)(T) | (.060) U A |
| | | | | | Goldray Industries Ltd. ; Calgary, Alberta | | | | |
| | | | | | 2445 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| | | | | | 2446 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| | | | | | 2447 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| | | | | | 2448 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| | | | | | 2449 | COMP+CAN | 1/2 | 12.0 TTG | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|----------------------------------|--------------------|-----------------------------|------|---|----------|----------------------------------|--------------|-----------------------------|------|
| Griffin Glass & Metal Werks, Inc. ; Elmhurst, IL | | | | | | Guardian Fabrication, LLC ; Galax, VA | | | | | |
| 7146 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 4604 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 7147 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 4605 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 7201 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4606 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7202 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 4607 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7148 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4609 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7284 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 4610 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Guangdong Haikong Special Glass Technology Co., Ltd. ; Huizhou, Guangdong Province | | | | | | Guardian Fabrication, LLC ; Galax, VA (1005 Meadow Street) | | | | | |
| 7363 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 4612 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 7364 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8012 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A |
| 7365 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4613 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 7366 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8013 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A |
| 7367 | COMPOSITE | * | 15.0 TTG (4) | | U A | 4627 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A |
| 7368 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 4633 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 7369 | COMP+CAN | (H) | 12,16+ LTG (b)(A) | (.060) | U A | 4658 | COMP+CAN | (H) | 8 LTG (b)(A) | (.030) | U A |
| 7404 | COMP+CAN | (H) | 12,16+ LTG (ip)(A) | (.035) | U A | | | | | | |
| Guangdong Honghua Glass Technology Co., LTD. ; Foshan, Guangdong Province | | | | | | | | | | | |
| 8587 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8001 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 8588 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8002 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 8589 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8003 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Guangdong Rosery Bath Science and Technology Co.,Ltd. ; Jiangmen, Guangdong Province | | | | | | | | | | | |
| 8241 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8004 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8242 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8091 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 8243 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8005 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8244 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8006 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8729 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A | 8007 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |
| 8730 | COMP+CAN | 5/16 | 8.0 TPG (s) | | U A | 8008 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A |
| 8629 | COMP+CAN | 1/4 | 6.0 TBG | | U A | 8009 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 8630 | COMP+CAN | 5/16 | 8.0 TBG | | U A | 8010 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A |
| Guangdong South Star Glass Limited ; Foshan, Guangdong Province | | | | | | | | | | | |
| 7974 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8011 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A |
| 7975 | COMPOSITE | 3/8 | 10.0 TTG | | U A | Guardian Glass, LLC ; Corsicana, TX | | | | | |
| 7976 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 1248 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7977 | COMPOSITE | * | 15.0 TTG (4) | | U A | 1249 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7978 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 1250 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7979 | COMP+CAN | (H) | 12, 16+ LTG (b)(T) | (.030) | U A | 1251 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Guardian Fabrication - Hialeah Gardens ; Hialeah, FL | | | | | | | | | | | |
| 8397 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 2458 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |
| 8398 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 2459 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A |
| 8399 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 2460 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 8400 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Guardian Glass, LLC ; DeWitt, IA | | | | | |
| 8402 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 2020 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 8949 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A | 2021 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 8558 | COMPOSITE | (H) | 8 LTG (b)(A) | (.090) | U A | 2022 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 9072 | COMP+CAN | (H) | 10-12 LTG (b)(A) | (.030) | U A | 2023 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 8560 | COMPOSITE | (H) | 10-16+ LTG (ip)(A) | (.060) | U A | 2545 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8559 | COMPOSITE | (H) | 10,12 LTG (ip)(A) | (.035) | U A | 2649 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| | | | | | | Guardian Glass, LLC ; Geneva, NY | | | | | |
| | | | | | | 2259 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| | | | | | | 2260 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| | | | | | | 2261 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| | | | | | | 2262 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| | | | | | | 3672 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| | | | | | | 2519 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| | | | | | | 3673 | COMP+CAN | 1/2 | 12.0 TTG | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|-----------|-------------------|--------------------|--------------------------|------------|---|-----------|-------------------|-------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Guardian Glass, LLC ; Kingsburg, CA | | | | | | Hartung Glass Industries ; Tukwila, WA | | | | | |
| 968 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8868 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 969 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8864 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 970 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8865 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 971 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8866 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 1303 | COMP+CAN | 1/8 | 3.0 TPG (d) | | U A | 8867 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 1301 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | Hebi HaanGlas Co., Ltd ; Hebi, Henan Province | | | | | |
| 1304 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 9115 | COMPOSITE | 5/16 | 8.0 VIGT | | U A |
| 1882 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | 9116 | COMPOSITE | 3/8 | 10.0 VIGT | | U A |
| Guardian Glass, LLC ; Richburg, SC | | | | | | 9113 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 1630 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 9114 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 1631 | COMP+CAN | 5/32 | 4.0 TTG | | U A | Hoskin & Muir, Inc ; Louisville, KY | | | | | |
| 1632 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3872 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 1633 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 3873 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 2382 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 3874 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 1634 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3875 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 1683 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A | Huahui Glass (China) Co., Ltd. ; Quanzou, Fujian | | | | | |
| 1635 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 8944 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 1865 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 8945 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 3002 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | 8946 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 3003 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A | 8947 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Gulf Glass Industries, LLC ; Sharjah, United Arab Emirates | | | | | | Illumimex S.A. DE C.V. ; Monterrey, Nuevo Leon | | | | | |
| 4796 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 8701 | COMP+CAN | (H) | 8-16+ LSP (b)(HS) | (.030X2) | U A |
| 6326 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A | Imagic Glass Inc. ; Concord, Ontario | | | | | |
| 4797 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A | 8608 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4798 | COMPOSITE | * | 12.0 TTG (7)(MC) | | U A | 8609 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4799 | COMPOSITE | (H) | 8 LTG (b)(A) | (.030) | U A | 8610 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Hangzhou Blue-Sky Safety Glass Co., Ltd. ; Hangzhou, Zhejiang | | | | | | 7355 | COMP+CAN | (H) | 12 LTG (b)(A) | (.060) | U A |
| 8801 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8807 | COMP+CAN | (H) | 12 LTG (ev)(A) | (.040) | U A |
| 8802 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8656 | COMP+CAN | (H) | 12 LTG (ip)(A) | (.060) | U A |
| 8803 | COMP+CAN | 5/16 | 8.0 TTG | | U A | Imperial Tempered Glass, LLC ; Dallas, TX | | | | | |
| 8804 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 9210 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Haojing Holdings Group Limited ; Nantong, Haimen | | | | | | 9211 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8702 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 9212 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8703 | COMP+CAN | 1/4 | 6.0 TTG | | U A | Industrial Tempering Glass ; Brooklyn, NY | | | | | |
| 8704 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8894 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8705 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3418 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8706 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3419 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8707 | COMP+CAN | * | 15.0 TTG (4) | | U A | 8294 | COMPOSITE | 5/8 | 16.0 TTG | | U A |
| 9181 | COMP+CAN | (H) | 8-10 LTG (b)(T) | (.030) | U A | 4240 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 8709 | COMP+CAN | (H) | 10-16+ LTG (ip)(T) | (.090) | U A | Inkan Ltd ; Brampton, Ontario | | | | | |
| 8708 | COMP+CAN | (H) | 12 LTG (b)(T) | (.060) | U A | 5135 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Hartung Glass Industries ; Phoenix, AZ | | | | | | 5136 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 6377 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 5137 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6378 | COMPOSITE | 5/32 | 4.0 TTG (MC)(IN) | | U A | 5138 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6379 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 5139 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 6380 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 5140 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 7010 | COMPOSITE | 5/16 | 8.0 TTG (IN) | | U A | Innovative Glass Products LLC ; Carrollton, TX | | | | | |
| 7011 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7062 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 7012 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7063 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 6381 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A | 7064 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 6382 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 7065 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7994 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 8862 | COMPOSITE | 3/8 | 10.0 TTG (IN) | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED | ANSI CLASS |
|---|-----------|-------------------|-------------------|--------------------|------------|--|-----------|-------------------|--------------------|--------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Insulite Glass Co., Inc. ; Olathe, KS | | | | | | ITI Glass Company ; Bel Aire, KS | | | | | |
| 4473 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 8776 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4474 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 8844 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 3714 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 8777 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 3715 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 8778 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 9093 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8718 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 3716 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8756 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 3717 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8719 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 3718 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A | 8720 | COMP+CAN | (H) | 10 LTG (ip)(A) | (.035) | U A |
| 3720 | COMPOSITE | (H) | 8 LTG (b)(A) | (.060) | U A | 8721 | COMP+CAN | (H) | 12 LTG (ip)(A) | (.060) | U A |
| 5513 | COMPOSITE | (H) | 10-12 LTG (b)(A) | (.030) | U A | J&Y Glass Services ; Naples, FL | | | | | |
| Integral Seal Mfg. Inc. ; Concord, Ontario | | | | | | 8077 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4682 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8078 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4683 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8079 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 4684 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | J.C. Moag Corporation ; Georgetown, IN | | | | | |
| 7245 | COMP+CAN | (H) | 10-12 LTG (ev)(T) | (.060) | U A | 8939 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Integrity Glass Tempering, LLC. ; Venice , FL | | | | | | 8940 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6666 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8941 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6635 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8942 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6636 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8313 | COMPOSITE | (H) | 10-16+ LTG (ip)(A) | (.060) | U A |
| 6637 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8238 | COMPOSITE | (H) | 10-16+ LTG (ev)(A) | (.060) | U A |
| 7097 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | JAR Tempering Inc. ; Hialeah, FL | | | | | |
| Inter Fonction Ltee ; Sherbrooke, Quebec | | | | | | 8512 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8470 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8513 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8471 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8514 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8489 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8515 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7235 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Janan Fabricated Glass, Inc. ; Vernon, CA | | | | | |
| 8089 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 9101 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| Intigral ; Quakertown, PA | | | | | | 9102 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8200 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 9103 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8201 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 9104 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 8202 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 9105 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8199 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A | 9106 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| Intigral ; Walton Hills, OH | | | | | | 9107 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 2050 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | Jiangmen Jianghai Jin Ying Tempered Glass Ltd. ; Jiangmen, Guangdong Province | | | | | |
| 2051 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 7574 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 2052 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 7575 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 3631 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A | 7576 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4588 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 7577 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8048 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 7578 | COMP+CAN | * | 12.0 TTG (4) | | U A |
| Isam M. Khairi Kabbani Glass Works LLC ; Jeddah, Mecca | | | | | | Jiangmen Junfa Safety Glass Co., Ltd. ; Jiangmen, Guangdong Province | | | | | |
| 8800 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8797 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8799 | COMPOSITE | (H) | 8 LTG (b)(A) | (.045) | U A | | | | | | |
| Isoclima Specialty Glass, LLC ; Blairsville, PA | | | | | | | | | | | |
| 3018 | COMPOSITE | 1/2 | 12.0 TTG | | U A | | | | | | |
| 7016 | COMPOSITE | (H) | 12 LTG (ip)(A) | (.070) | U A | | | | | | |
| 6234 | COMPOSITE | (H) | 12 LTG (b)(A) | (.060) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------|--------------------|--------------------------|------|---|-----------|-------------|-----------------|--------------------------|------|
| Jiangmen SYP Engineering Glass Co. Ltd. ; Jiangmen, Guangdong Province | | | | | | JYC Glass Co. Ltd. ; Foshan, Guangdong Province | | | | | |
| 4303 | COMP+CAN | 5/32 | 4.0 TTG (IN) | | U A | 3957 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 4304 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3958 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4305 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 3959 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 4306 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 3960 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4307 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3961 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4308 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3962 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4309 | COMP+CAN | * | 15.0 TTG (4) | | U A | 3963 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 4310 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 4161 | COMP+CAN | 5/32 | 4.0 TPG (s) | | U A |
| 5052 | COMP+CAN | 1/4 | 6.0 TBG (IN) | | U A | 6621 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 5053 | COMP+CAN | 5/16 | 8.0 TBG (IN) | | U A | 6622 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| 5054 | COMP+CAN | 3/8 | 10.0 TBG (IN) | | U A | 6619 | COMP+CAN | 3/16 | 5.0 TBP (s) | | U A |
| 5055 | COMP+CAN | 1/2 | 12.0 TBG (IN) | | U A | 6620 | COMP+CAN | 1/4 | 6.0 TBP (s) | | U A |
| 4312 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 3991 | COMP+CAN | 5/32 | 4.0 TBG | | U A |
| 4575 | COMP+CAN | (H) | 10-16+ LTG (ip)(A) | (.060) | U A | 3992 | COMP+CAN | 3/16 | 5.0 TBG | | U A |
| Jiangsu Chungce Glass Co., Ltd. ; Nantong, Jiangsu | | | | | | KAMRI Investments Limited ; Marabella, West Indies | | | | | |
| 7527 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 9044 | COMP+CAN | (H) | 8-12 LTG (b)(T) | (.030) | U A |
| Jiangyin Mingyang Glass Production ; Wuxi, Jiangsu | | | | | | Kensington Glass Arts ; Ijamsville, MD | | | | | |
| 5777 | COMPOSITE | * | 3.0 TTG (3) | | U A | 8932 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 5778 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8933 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7598 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8934 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 5779 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8935 | COMPOSITE | (S) | 6 LTG (ev)(A) | (.015) | U A |
| 5780 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8936 | COMPOSITE | (H) | 10 LTG (ev)(A) | (.015) | U A |
| 6203 | COMPOSITE | 3/8 | 10.0 TTG | | U A | Kensington Glass Arts ; Sterling, VA | | | | | |
| 6478 | COMPOSITE | 5/32 | 4.0 TPG (m) | | U A | 5973 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 6479 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 5974 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7870 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A | 5975 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7258 | COMP+CAN | 1/4 | 6.0 TBG | | U A | 5976 | COMPOSITE | 5/8 | 16.0 TTG | | U A |
| Jinzhou Fortune Spring Glass Co., Ltd. ; Jinzhou, Liaoning | | | | | | Kohler Company ; Union City, TN | | | | | |
| 7268 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 1979 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| JM Glass ; Hayward, CA | | | | | | Kensington Glass Arts ; Ijamsville, MD | | | | | |
| 4928 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8266 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 4929 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8557 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 4930 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8268 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 4931 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8269 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Jubilee Company ; Princeton, TX | | | | | | Kensington Glass Arts ; Sterling, VA | | | | | |
| 8427 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8270 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8428 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8271 | COMPOSITE | 5/8 | 16.0 TTG | | U A |
| 8429 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8272 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| | | | | | | Kensington Glass Arts ; Sterling, VA | | | | | |
| | | | | | | 8449 COMPOSITE (H) 10,12 LTG (ev)(A) (.060) U A | | | | | |
| | | | | | | 8273 COMPOSITE (H) 16+ LTG (ev)(A) (.030) U A | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------------|---------------------|--------------------------|------|---|-----------|-------------------|-------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| KRYSTALLA VASILIOU SA (VASGLASS) ; Vasiliko Chalkida, Greece | | | | | | LongDing Glass Production Co., Ltd. ; Dongguan, Guangdong Province | | | | | |
| 8732 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8619 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 8733 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8175 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8734 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8176 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8735 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 8177 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 8736 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 8178 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8738 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A | 8333 | COMPOSITE | 3/8 | 10.0 TPG (m) | | U A |
| 8740 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | Louisville Plate Glass ; Louisville, KY | | | | | |
| 8741 | COMP+CAN | (H) | 8 LTG (b)(A) | (.030) | U A | 6070 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 8742 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 6072 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 8739 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.015) | U A | 6073 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| La Tecnica Nel Vetro SpA ; Scafati, Salerno | | | | | | 6074 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7174 | COMP+CAN | 3/16 | 5.0 TTG (IN) | | U A | 6075 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7168 | COMP+CAN | 1/4 | 6.0 TTG (IN) | | U A | LTI Smart Glass, Inc. ; Pittsfield, MA | | | | | |
| 7167 | COMP+CAN | 5/16 | 8.0 TTG (IN) | | U A | 7079 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7166 | COMP+CAN | 3/8 | 10.0 TTG (IN) | | U A | 6922 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7165 | COMP+CAN | 1/2 | 12.0 TTG (IN) | | U A | 6923 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7169 | COMP+CAN | (H) | 8-12 LTG (b)(A)(IN) | (.015) | U A | 6924 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 8317 | COMP+CAN | (H) | 16+ LTG (b)(A)(IN) | (.030) | U A | 6925 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8486 | COMP+CAN | (H) | 16+ LTG (IN)(ip)(A) | (.035) | U A | 6926 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Laurier Architectural ; Laurier-Station, Quebec | | | | | | 7286 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A |
| 8121 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | Luoyang LandGlass Technology Co., LTD ; Luoyang, Henan | | | | | |
| 8122 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 7622 | COMPOSITE | 5/16 | 8.0 VIGT (MC) | | U A |
| 8123 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 6476 | COMPOSITE | 3/8 | 10.0 VIGT (MC) | | U A |
| 8124 | COMP+CAN | 3/8 | 10.0 TTG | | U A | M & F Home Solutions LLC. ; Tampa, FL | | | | | |
| 8125 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 9149 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8126 | COMP+CAN | (H) | 8-12 LTG (b)(A) | (.030) | U A | 9150 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Legacy Glass ; Irving, TX | | | | | | M Industria S.A. DE C.V. ; Conkal, Yucatan | | | | | |
| 8053 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 7708 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 7600 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7709 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 7601 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7682 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7602 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7683 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| Les Verres VMIK Inc. ; Gatineau, Quebec | | | | | | 7684 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 6893 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 7685 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 6894 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7686 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6895 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 7687 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 6896 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8950 | COMP+CAN | 3/16 | 5.0 TBG (MC) | | U A |
| 6897 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8054 | COMP+CAN | 1/4 | 6.0 TBG (MC) | | U A |
| Lien Yeu GLASSTECH (M) SDN BHD ; Muar, Johor | | | | | | 8951 | COMP+CAN | 5/16 | 8.0 TBG (MC) | | U A |
| 7358 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8055 | COMP+CAN | 3/8 | 10.0 TBG (MC) | | U A |
| 7359 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8056 | COMP+CAN | 1/2 | 12.0 TBG | | U A |
| 7360 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8952 | COMP+CAN | 3/4 | 19.0 TBG | | U A |
| 7361 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 7688 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A |
| 7362 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7690 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8038 | COMP+CAN | * | 12.0 TTG (3) | | U A | 7689 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| Limca Dekoratif Cam Anya San Tic ve AS ; Yenimahalle/Ankara | | | | | | 7691 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 9198 | COMPOSITE | (H) | 12-16+ LTG (ip)(A) | (.035) | U A | M&M Tempering Inc. ; Loganville, GA | | | | | |
| 9197 | COMPOSITE | (H) | 12-16+ LTG (b)(A) | (.030) | U A | 4280 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Lippert Components ; Bristol, IN | | | | | | 4281 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8061 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 4282 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8062 | COMP+CAN | 1/4 | 6.0 TTG | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|--|-----------|-------------------|--------------|-------------------------------|---|-----------|-------------------|------------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| M3 Glass Technologies ; Irving, TX | | | | | Maxividrio S.De R. L. de C.V. ; Cancun, Quintana Roo | | | | |
| 9180 | COMPOSITE | 1/8 | 3.0 TTG | U A | 8774 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 9179 | COMPOSITE | 5/32 | 4.0 TTG | U A | 8775 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 9178 | COMPOSITE | 3/16 | 5.0 TTG | U A | 8293 | COMP+CAN | (H) | 12 LTG (b)(HS) | (.090) U A |
| 8954 | COMPOSITE | 1/4 | 6.0 TTG | U A | 8686 | COMP+CAN | (H) | 12 LTG (ip)(A) | (.090) U A |
| 5946 | COMPOSITE | 3/8 | 10.0 TTG | U A | McGrory Glass ; Paulsboro, NJ | | | | |
| 5947 | COMPOSITE | 1/2 | 12.0 TTG | U A | 4925 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| Majestic Glass Inc. ; Hialeah, FL | | | | | 4813 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 8582 | COMPOSITE | 1/4 | 6.0 TTG | U A | 4814 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 8583 | COMPOSITE | 3/8 | 10.0 TTG | U A | 4815 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 8584 | COMPOSITE | 1/2 | 12.0 TTG | U A | 4816 | COMPOSITE | 5/8 | 16.0 TTG | U A |
| Making Glass North America Inc. ; Laval, Quebec | | | | | 4817 | COMPOSITE | 3/4 | 19.0 TTG | U A |
| 9033 | COMP+CAN | 3/16 | 5.0 TTG | U A | 4819 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 9034 | COMP+CAN | 1/4 | 6.0 TTG | U A | 4820 | COMPOSITE | 1/2 | 12.0 TPG (s)(IN) | U A |
| 9035 | COMP+CAN | 5/16 | 8.0 TTG | U A | 7287 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) U A |
| 8926 | COMP+CAN | 3/8 | 10.0 TTG | U A | 5263 | COMPOSITE | (H) | 8-12 LTG (b)(A) | (.030) U A |
| 8927 | COMP+CAN | 1/2 | 12.0 TTG | U A | Mercer Glass Fab LLC ; Trenton, NJ | | | | |
| Manko Window Systems ; Aurora, CO | | | | | 7671 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 6275 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 4530 | COMPOSITE | 5/16 | 8.0 TTG | U A |
| 6276 | COMPOSITE | 5/32 | 4.0 TTG | U A | 4255 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 6277 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 4256 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 6278 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 4257 | COMPOSITE | 1/4 | 6.0 TPG (m) | U A |
| 6279 | COMPOSITE | 3/8 | 10.0 TTG | U A | 4258 | COMPOSITE | 3/8 | 10.0 TPG (m) | U A |
| 6280 | COMPOSITE | 1/2 | 12.0 TTG | U A | Mid-American Glass ; Davenport, IA | | | | |
| Manko Window Systems- KS ; Manhattan, KS | | | | | 7227 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 8928 | COMPOSITE | 1/8 | 3.0 TTG | U A | 7228 | COMPOSITE | 5/32 | 4.0 TTG | U A |
| 6826 | COMPOSITE | 5/32 | 4.0 TTG | U A | 7229 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 6827 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 7230 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 6828 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 7231 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 6829 | COMPOSITE | 3/8 | 10.0 TTG | U A | 7232 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 6830 | COMPOSITE | 1/2 | 12.0 TTG | U A | Midwest Glass Fabricators Inc. ; Highland, MI | | | | |
| 6833 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 6027 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 6834 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 6028 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 6835 | COMPOSITE | 1/4 | 6.0 TPG (m) | U A | 6029 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 6836 | COMPOSITE | 3/8 | 10.0 TPG (m) | U A | 6030 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| Manko Windows ; Des Moines, IA | | | | | 6031 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 6286 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 6032 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 6287 | COMPOSITE | 5/32 | 4.0 TTG | U A | 6033 | COMP+CAN | 5/8 | 16.0 TTG | U A |
| 6288 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 6034 | COMP+CAN | 3/4 | 19.0 TTG | U A |
| 6289 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 7920 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| 6290 | COMPOSITE | 3/8 | 10.0 TTG | U A | 7921 | COMP+CAN | 1/4 | 6.0 TPG (s) | U A |
| 6291 | COMPOSITE | 1/2 | 12.0 TTG | U A | 6037 | COMP+CAN | 3/8 | 10.0 TPG (m) | U A |
| 6292 | COMPOSITE | 1/8 | 3.0 TPG (m) | U A | Milkana OOD ; Plevan Center, Plevan | | | | |
| 6293 | COMPOSITE | 5/32 | 4.0 TPG (m) | U A | 8922 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 6294 | COMPOSITE | 3/16 | 5.0 TPG (d) | U A | 8923 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 6295 | COMPOSITE | 1/4 | 6.0 TPG (m) | U A | 8924 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 6296 | COMPOSITE | 3/8 | 10.0 TPG (m) | U A | 8925 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| Maryland Glass & Mirror ; Baltimore, MD | | | | | Mirror Works Inc. ; Ottawa, Ontario | | | | |
| 4318 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 8164 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 4319 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 8165 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 4320 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 8166 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 8066 | COMPOSITE | 5/16 | 8.0 TTG | U A | 8167 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 4321 | COMPOSITE | 3/8 | 10.0 TTG | U A | 8168 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 4322 | COMPOSITE | 1/2 | 12.0 TTG | U A | Mitrex Inc. ; Toronto, Ontario | | | | |
| 7022 | COMPOSITE | 3/4 | 19.0 TTG | U A | 9045 | COMP+CAN | 1/8 | 3.0 TTG | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|-------------------|--------------------------|------|---|-----------|-------------------|------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Mr. Glass LLC. ; Philadelphia, PA | | | | | | New Angle Beveling ; Hyde, PA | | | | | |
| 7693 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 4593 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 7660 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 4594 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 9100 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4595 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7662 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 4591 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7864 | COMPOSITE | * | 15.0 TTG (4)(IN) | | U A | 4592 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7865 | COMPOSITE | 3/4 | 19.0 TTG (IN) | | U A | New Century Glass & Aluminum LLC ; Woodside, NY | | | | | |
| 7821 | COMPOSITE | * | 5.0 TBG (4)(IN) | | U A | 5455 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7822 | COMPOSITE | 1/4 | 6.0 TBG (IN) | | U A | 5456 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7823 | COMPOSITE | 3/8 | 10.0 TBG (IN) | | U A | 5457 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7824 | COMPOSITE | 1/2 | 12.0 TBG (IN) | | U A | 5458 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| Mr. Glass Tempering, LLC ; Brooklyn, NY | | | | | | Ningbo Runner Industrial Corporation ; Ningbo, Zhejiang | | | | | |
| 7170 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8591 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7171 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8592 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7172 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8593 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7173 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8594 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| Multiver ; Vanier, Quebec | | | | | | Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang | | | | | |
| 2498 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8595 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2629 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8596 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6890 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8597 | COMP+CAN | 7/32 | 6.0 TPG (s)(IN) | | U A |
| 2499 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8598 | COMP+CAN | 3/8 | 10.0 TPG (IN)(s) | | U A |
| 5226 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | Ningbo Xinxin Glass Technology Co., Ltd ; Ningbo, Zhejiang | | | | | |
| 5227 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 6271 | COMPOSITE | 5/32 | 4.0 TTG (IN) | | U A |
| 5228 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 6272 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Multiver Ltee ; Saint-Leonard, Quebec | | | | | | Niskayuna Glass ; Schenectady, NY | | | | | |
| 8547 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8828 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 6978 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7873 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8548 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 6273 | COMPOSITE | 5/32 | 4.0 TPG (m)(IN) | | U A |
| 6980 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 6274 | COMPOSITE | 1/4 | 6.0 TPG (s) | | U A |
| 7546 | COMP+CAN | (S) | 6 LTG (b)(A) | (.015) | U A | 6845 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |
| 7548 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | Nissink Business Glass BV ; IJsselmuideren, Overijssel | | | | | |
| 7547 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.015) | U A | 8415 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| Nashville Tempered Glass Corp. ; Nashville, TN | | | | | | NOLA Showers, L.L.C. ; New Orleans, LA | | | | | |
| 1416 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8416 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2497 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8414 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| 1467 | COMP+CAN | 3/16 | 5.0 TTG | | U A | Norfinch Glass & Mirror Mfg. Ltd. ; Etobicoke, Ontario | | | | | |
| 1417 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8252 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 5729 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8253 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2494 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8254 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Nashville Tempered Glass LLC ; Hendersonville, TN | | | | | | Northwestern Glass Fab ; Fridley, MN | | | | | |
| 2691 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 6733 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 2692 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8840 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 2693 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 6734 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7980 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 6735 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 2694 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 6736 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 4148 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 6737 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A |
| 8413 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A | New Angle Beveling ; Clearfield, PA | | | | | |
| 5229 | COMP+CAN | (S) | 6 LTG (b)(A) | (.015) | U B | 5772 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 5231 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 5774 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 5230 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.015) | U A | 5773 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| New Angle Beveling ; Clearfield, PA | | | | | | New Angle Beveling ; Clearfield, PA | | | | | |
| 5772 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 5775 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 5774 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 5776 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 5773 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|---------------|-------------------|---------------------|--------------------------|------|--|--------------|-------------------|--------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Northwestern Industries - Arizona, Inc. ; Yuma, AZ | | | | | | Oldcastle BuildingEnvelope® ; Calgary, Alberta | | | | | |
| 6566 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 3263 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 6567 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 3264 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 6568 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A | 3265 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6569 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3266 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8750 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A | 3267 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 8751 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A | 3268 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 8752 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.035) | U A | 3269 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Novatech Canada Inc. ; Montreal, Quebec | | | | | | Oldcastle BuildingEnvelope® ; Concord, Ontario | | | | | |
| 6217 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 3270 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 6218 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 3271 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 6219 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 3273 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 6220 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3274 | COMP+CAN | 3/16 | 5.0 TPG (d) | | U A |
| Novatech Canada Inc. ; St-Agapit, Quebec | | | | | | Oldcastle BuildingEnvelope® ; Covington, GA | | | | | |
| 7006 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 3275 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A |
| 7007 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 3262 | COMP+CAN | 3/8 | 10.0 TPG (d) | | U A |
| 7008 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | Oldcastle BuildingEnvelope® ; Denver, CO | | | | | |
| 8478 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3310 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| Novavetro S.r.l. ; San Severino Marche, Italy | | | | | | Oldcastle BuildingEnvelope® ; Battle Ground, WA | | | | | |
| 7768 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3219 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 7769 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3220 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 7770 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 3221 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7771 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 3222 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7772 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A | 3223 | COMP+CAN | 5/16 | 8.0 TTG (IN) | | U A |
| 7773 | COMP+CAN * | | 15.0 TTG (4) | | U A | 3224 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7775 | COMP+CAN (H) | | 8-12 LTG (b)(A) | (.015) | U A | 3225 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8365 | COMP+CAN (H) | | 12, 16+ LTG (ip)(A) | (.035) | U A | 3226 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 7776 | COMP+CAN (H) | | 16+ LTG (b)(A) | (.030) | U A | 7424 | COMP+CAN | 5/32 | 4.0 TPG (s)(IN) | | U A |
| Oldcastle BuildingEnvelope® ; Albertville, MN | | | | | | Oldcastle BuildingEnvelope® ; Denver, CO | | | | | |
| 3104 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 3311 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 3105 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 3312 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 3106 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 3313 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 3107 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 3314 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4882 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 3315 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 3108 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 3317 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 3109 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3318 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 3110 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 3319 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 3111 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 3321 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A |
| 3127 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A | 4533 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| 8081 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A | 4454 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A |
| 8083 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.060) | U A | 6056 | COMP+CAN (H) | | 12-16+ LTG (ip)(A) | (.060) | U A |
| 8082 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|-----------|-------------------|--------------------|--------------------------|------------|--|----------|-------------------|-------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Oldcastle BuildingEnvelope® ; Fremont, CA | | | | | | Oldcastle BuildingEnvelope® ; Indianapolis, IN | | | | | |
| 3191 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 2210 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | 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 (MC) | | U A | 2211 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 3194 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 2212 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | 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 | 7250 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 4458 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 2215 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 3197 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 5442 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A |
| 3199 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A | 3259 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A |
| 3200 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A | Oldcastle BuildingEnvelope® ; Langley, British Columbia | | | | | |
| 3201 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 3286 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 3907 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | 3287 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 3203 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A | 3288 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7879 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 3289 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 4460 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | 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 |
| Oldcastle BuildingEnvelope® ; Grand Prairie, TX | | | | | | 3292 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 3250 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 3293 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 3252 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3294 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 3253 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 3295 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A |
| 3255 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3296 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 3256 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3297 | COMP+CAN | 3/16 | 5.0 TPG (d) | | U A |
| 7039 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 4710 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A |
| 3426 | COMP+CAN | 5/32 | 4.0 TPG (m)(IN) | | U A | 4475 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 3427 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A | 4476 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 3428 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A | Oldcastle BuildingEnvelope® ; Los Angeles, CA | | | | | |
| 7099 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 1608 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 8860 | COMP+CAN | (H) | 8 LTG (ip)(A) | (.060) | U A | 1609 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| Oldcastle BuildingEnvelope® ; Hauppauge, NY | | | | | | 630 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 1546 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 514 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 1547 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 4400 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 1548 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | 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 |
| 3392 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 935 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 4618 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 3793 | COMP+CAN | 3/8 | 10.0 TPG (m) | | U A |
| 5355 | COMP+CAN | (H) | 10-16+ LTG (ip)(A) | (.060) | U A | 7406 | COMP+CAN | (S) | 6 LTG (ip)(A)(IN) | (.035) | U A |
| Oldcastle BuildingEnvelope® ; Houston, TX | | | | | | 4346 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 7909 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7407 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 7910 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 4563 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 6728 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | | | | | | |
| 7911 | COMPOSITE | 5/16 | 8.0 TTG | | U A | | | | | | |
| 6729 | COMPOSITE | 3/8 | 10.0 TTG | | U A | | | | | | |
| 6730 | COMPOSITE | 1/2 | 12.0 TTG | | U A | | | | | | |
| 7912 | COMPOSITE | 5/8 | 16.0 TTG | | U A | | | | | | |
| 7913 | COMPOSITE | 3/4 | 19.0 TTG | | U A | | | | | | |
| 7914 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | | | | | | |
| 7915 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | | | | | | |
| 7908 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A | | | | | | |
| 6732 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |
| 6731 | COMPOSITE | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|---|----------|-------------------|-------------------|-------------------------------|--|----------|-------------------|----------------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| Oldcastle BuildingEnvelope® ; Miami, FL | | | | | Oldcastle BuildingEnvelope® ; Rock Hill, SC | | | | |
| 7845 | COMP+CAN | 1/8 | 3.0 TTG | U A | 3276 | COMP+CAN | 1/8 | 3.0 TTG (IN) | U A |
| 7847 | COMP+CAN | 5/32 | 4.0 TTG | U A | 3462 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 3497 | COMP+CAN | 3/16 | 5.0 TTG | U A | 3277 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 3498 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 3278 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 7848 | COMP+CAN | 5/16 | 8.0 TTG | U A | 4787 | COMP+CAN | 5/16 | 8.0 TTG (IN) | U A |
| 3499 | COMP+CAN | 3/8 | 10.0 TTG | U A | 3279 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 3500 | COMP+CAN | 1/2 | 12.0 TTG | U A | 3280 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 7849 | COMP+CAN | 5/8 | 16.0 TTG | U A | 3281 | COMP+CAN | 1/8 | 3.0 TPG (s)(IN) | U A |
| 7850 | COMP+CAN | 3/4 | 19.0 TTG | U A | 4396 | COMP+CAN | 5/32 | 4.0 TPG (d)(IN) | U A |
| 7846 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | 3285 | COMP+CAN | 3/8 | 10.0 TPG (d) | U A |
| 3502 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | Oldcastle BuildingEnvelope® ; Schofield, WI | | | | |
| 4477 | COMP+CAN | 1/4 | 6.0 TPG (d) | U A | 3167 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 3503 | COMP+CAN | 3/8 | 10.0 TPG (s) | U A | 3168 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 7877 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A | 3169 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 4398 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A | 3170 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| Oldcastle BuildingEnvelope® ; Moorestown, NJ | | | | | 3171 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 3180 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 3172 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 3182 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 3173 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 3183 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 3178 | COMP+CAN | 3/16 | 5.0 TPG (d) | U A |
| 3184 | COMP+CAN | 3/8 | 10.0 TTG | U A | 3176 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A |
| 3185 | COMP+CAN | 1/2 | 12.0 TTG | U A | 6773 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.060) U A |
| 4054 | COMP+CAN | 5/8 | 16.0 TTG | U A | 4558 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 3186 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | Oldcastle BuildingEnvelope® ; Tampa, FL | | | | |
| 3188 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 3116 | COMP+CAN | 1/8 | 3.0 TTG (IN) | U A |
| 3189 | COMP+CAN | 1/4 | 6.0 TPG (m) | U A | 3118 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 3190 | COMP+CAN | 3/8 | 10.0 TPG (m) | U A | 3119 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| Oldcastle BuildingEnvelope® ; Perrysburg, OH | | | | | 3120 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 3233 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 3121 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 3234 | COMP+CAN | 5/32 | 4.0 TTG (IN) | U A | 3122 | COMP+CAN | 1/8 | 3.0 TPG (s)(IN) | U A |
| 3235 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 3124 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| 3236 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 3125 | COMP+CAN | 1/4 | 6.0 TPG (m) | U A |
| 4443 | COMP+CAN | 5/16 | 8.0 TTG | U A | 4340 | COMP+CAN | 3/8 | 10.0 TPG (s) | U A |
| 3237 | COMP+CAN | 3/8 | 10.0 TTG | U A | 4448 | COMP+CAN | (S) | 6 LTG (b)(A)(IN) | (.030) U A |
| 3238 | COMP+CAN | 1/2 | 12.0 TTG | U A | 4449 | COMP+CAN | (H) | 8-16+ LTG (b)(A)(IN) | (.030) U A |
| 3239 | COMP+CAN | 5/8 | 16.0 TTG | U A | 5051 | COMP+CAN | (H) | 12 LTG (ip)(A)(IN) | (.035) U A |
| 3240 | COMP+CAN | 3/4 | 19.0 TTG | U A | Oldcastle BuildingEnvelope® ; Warrenton, MO | | | | |
| 3243 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A | 3144 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| 3244 | COMP+CAN | 1/4 | 6.0 TPG (m) | U A | 3145 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 4700 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A | 3146 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 4444 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.060) U A | 3147 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 4446 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A | 3796 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| Oldcastle BuildingEnvelope® ; Phoenix, AZ | | | | | 3148 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 3128 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 3149 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 3130 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | 5904 | COMP+CAN | 5/8 | 16.0 TTG | U A |
| 3131 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 3152 | COMP+CAN | 5/32 | 4.0 TPG (s) | U A |
| 3132 | COMP+CAN | 3/8 | 10.0 TTG | U A | 3153 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A |
| 3133 | COMP+CAN | 1/2 | 12.0 TTG | U A | 3154 | COMP+CAN | 1/4 | 6.0 TPG (m) | U A |
| 6394 | COMP+CAN | 3/4 | 19.0 TTG | U A | 3155 | COMP+CAN | 3/8 | 10.0 TPG (d) | U A |
| 7521 | COMP+CAN | 1/8 | 3.0 TPG (s) | U A | | | | | |
| 3136 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | | | | | |
| 3999 | COMP+CAN | 1/4 | 6.0 TPG (m) | U A | | | | | |
| 3729 | COMP+CAN | 3/8 | 10.0 TPG (m) | U A | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|-----------|-------------------|--------------------|--------------------------|------------|--|-----------|-------------------|------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Oldcastle BuildingEnvelope® ; Wright City, MO | | | | | | Paragon Tempered Glass ; Antwerp, OH | | | | | |
| 3137 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 2684 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 3138 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 2685 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 3139 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 2686 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 3140 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 2687 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 3141 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 5242 | COMPOSITE | 3/16 | 5.0 TBG | | U A |
| 3142 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 8863 | COMPOSITE | 1/4 | 6.0 TBG (MC) | | LA |
| 3143 | COMP+CAN | 1/2 | 12.0 TTG | | U A | Patio Enclosures ; Macedonia, OH | | | | | |
| 4528 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A | 7843 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4526 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 8670 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 4529 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | Patriot Armored Systems, LLC ; Lee, MA | | | | | |
| 4527 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 6688 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| Oldcastle BuildingEnvelope® Canada Inc. ; Pointe-aux-Trembles, Quebec | | | | | | 6689 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 4247 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 6690 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 1997 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 6691 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 2543 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | Perficom S.A. DE C.V. ; San Juan Del Rio, Queretaro | | | | | |
| 2884 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4512 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 2544 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 9174 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 2062 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 9185 | COMPOSITE | * | 12.0 TTG (4) | | U A |
| 7397 | COMP+CAN | 5/8 | 16.0 TTG | | U A | PFG Glass ; Langley, British Columbia | | | | | |
| 7398 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 3538 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 5024 | COMP+CAN | (S) | 6 LTG (b)(A)(IN) | (.015)(C1) | U B | 3539 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 5025 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 3540 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 4435 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 3542 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4433 | COMP+CAN | (H) | 10-16+ LTG (ip)(A) | (.070) | U A | 3543 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| OLIVA ROYAL GLASS ; Lehigh Acres, FL | | | | | | 3544 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8724 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 3547 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 8725 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 3548 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A |
| 8726 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3549 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 8727 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3711 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| Onyx Solar Energy, S.L. ; Avila, Spain | | | | | | PGT Industries ; North Venice, FL | | | | | |
| 7071 | COMPOSITE | (H) | 12 LTG (ev)(HS) | (.080) | U A | 2389 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 8184 | COMPOSITE | (H) | 16+ LTG (ev)(HS) | (.075) | U A | 2390 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 7070 | COMPOSITE | (H) | 16 LSP (ip)(HS) | (.035x2) | U A | 2391 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| Opulux Glass ; East Hanover, NJ | | | | | | 3880 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| 8450 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3881 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A |
| 8451 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8346 | COMPOSITE | (S) | 6 LTG (b)(A) | (.045) | U A |
| 8452 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7451 | COMPOSITE | (S) | 6 LTG (ip)(A) | (.035) | U A |
| 8453 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 2426 | COMPOSITE | (H) | 8-12 LTG (b)(A) | (.060) | U A |
| P&C Tempered Glass, LLC. ; Medley, FL | | | | | | 7452 | COMPOSITE | (H) | 8-12 LTG (ip)(A) | (.035) | U A |
| 8342 | COMPOSITE | 1/4 | 6.0 TTG | | U A | Philly Glass Industry Inc. ; Philadelphia, PA | | | | | |
| 8343 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7652 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 8542 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7653 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| PAN- DUR Glass GmbH ; Ilmenau, Thuringen | | | | | | 7654 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6738 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7655 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6739 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7656 | COMP+CAN | 5/8 | 16.0 TTG (IN) | | U A |
| Panasonic Housing Solutions Co., Ltd. ; Oyabe, Toyama | | | | | | 7657 | COMP+CAN | 3/4 | 19.0 TTG (IN) | | U A |
| 8731 | COMPOSITE | 1/4 | 6.0 VIGT | | U A | Pingdingshan Youbo Glass Technology Co., Ltd. ; Pingdingshan, Henan | | | | | |
| 8561 | COMPOSITE | 5/16 | 8.0 VIGT | | U A | 8100 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Panoramic Doors LLC ; Fort Worth, TX | | | | | | 8101 | COMP+CAN | (H) | 10 LTG (ip)(T) | (.035) | U A |
| 8198 | COMP+CAN | 5/32 | 4.0 TTG | | U A | Portland Glass Manufacturing ; Clackamas, OR | | | | | |
| 8504 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 6372 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| | | | | | | 6373 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| | | | | | | 6510 | COMPOSITE | 1/2 | 12.0 TTG | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|-----------|-------------------|-------------------|--------------------------|------------|--|-----------|-------------------|--------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Precision Glass Bending Corporation ; Greenwood, AR | | | | | | Press Glass Inc. ; Ridgeway, VA | | | | | |
| 7149 | COMP+CAN | 1/4 | 6.0 TBG (IN) | | U A | 7810 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7150 | COMP+CAN | 3/8 | 10.0 TBG (IN) | | U A | 7811 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7151 | COMP+CAN | 1/2 | 12.0 TBG (IN) | | U A | 7812 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 7152 | COMP+CAN | 5/8 | 16.0 TBG (IN) | | U A | 7813 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 7153 | COMP+CAN | 3/4 | 19.0 TBG (IN) | | U A | 7814 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 7422 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A | 7815 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 7154 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 7816 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 7423 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 7820 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 7155 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 7819 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| Precision Glass Industries ; Houston, TX | | | | | | PRESS GLASS SP ZOO ; Radomsko, Poland | | | | | |
| 6886 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5845 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 6887 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 6963 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6888 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5846 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 6889 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 5847 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 8992 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 5848 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 7605 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 5849 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A |
| Prelco Inc. ; Riviere-du-loup, Quebec | | | | | | PRESS GLASS SP ZOO ; Tychy, Poland | | | | | |
| 2034 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 5850 | COMP+CAN | * | 15.0 TTG (4) | | U A |
| 2035 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 5851 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 2713 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 7479 | COMP+CAN | (H) | 12,16+ LTG (ip)(A) | (.035) | U A |
| 7800 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | PRESS GLASS SP ZOO ; Tychy, Poland | | | | | |
| 2751 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 5852 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 2381 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 6404 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 2048 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5853 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 4905 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 5854 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 4906 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 5855 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 8274 | COMP+CAN | (H) | 10 LTG (ip)(A) | (.060) | U A | 5856 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A |
| Prelco Inc. ; Saint-Jacques, New Brunswick | | | | | | Press Glass, Inc. ; Stoneville, NC | | | | | |
| 4911 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 7509 | COMP+CAN | 3/16 | 5.0 TBG | | U A |
| 4912 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 7510 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| 4913 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 7511 | COMP+CAN | 5/16 | 8.0 TBG | | U A |
| 4914 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 7512 | COMP+CAN | 3/8 | 10.0 TBG | | U A |
| 4915 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 7513 | COMP+CAN | * | 12.0 TBG (2) | | U A |
| 4916 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7514 | COMP+CAN | * | 15.0 TBG (2) | | U A |
| 4917 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5858 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 5610 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 7638 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.035) | U A |
| 5611 | COMP+CAN | 3/4 | 19.0 TTG | | U A | Press Glass, Inc. ; Stoneville, NC | | | | | |
| Prelco MTL Inc. ; Montreal, Quebec | | | | | | PRL Glass Systems ; City of Industry, CA | | | | | |
| 7481 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8621 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7482 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 2730 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7483 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 2732 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7484 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 5259 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 7485 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 2729 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Premier Glass Products ; Atlanta, GA | | | | | | Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro | | | | | |
| 8562 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 2733 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8377 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 2731 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 8378 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 2734 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 8379 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4375 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8837 | COMP+CAN | 1/4 | 6.0 TBG | | U A | 4413 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A |
| 8838 | COMP+CAN | 3/8 | 10.0 TBG | | U A | 4414 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 8839 | COMP+CAN | 1/2 | 12.0 TBG | | U A | 4376 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 8841 | COMP+CAN | (H) | 10-12 LTG (ip)(A) | (.060) | U A | Procesadora De Jalisco S.A. DE C.V. - Queretaro ; San Juan del Rio, Queretaro | | | | | |
| | | | | | | 6716 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| | | | | | | 6717 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|---------------|-------------------|--------------------|--------------------------|------|---|--------------|-------------------|------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Procesadora de Jalisco, S.A. DE C.V. ; Zapopan, Jalisco | | | | | | Qingdao Apis Glass Industries Co. Ltd. ; Qingdao, Shandong | | | | | |
| 6718 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 9073 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6719 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8349 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6720 | COMPOSITE | * | 12.0 TTG (4) | | U A | 9074 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 6722 | COMPOSITE (H) | | 12 LTG (b)(T) | (.060) | U A | 8350 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6721 | COMPOSITE (H) | | 12 LTG (ip)(T) | (.060) | U A | Qingdao Glorious Future Energy-saving Glass Co.,Ltd. ; Qingdao, Shandong | | | | | |
| Productora y Distribuidora de Espejos S.A. de C.V. ; Pesqueria, Nuevo Leon | | | | | | 8516 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6517 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8517 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6518 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8518 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Produits Verrier International Inc. ; Montreal, Quebec | | | | | | 8519 | COMP+CAN (H) | | 10-12 LTG (b)(T) | (.030) | U A |
| 5498 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8521 | COMP+CAN (H) | | 16+ LTG (b)(T) | (.060) | U A |
| 5499 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8520 | COMP+CAN (H) | | 16+ LTG (ip)(T) | (.035) | U A |
| 5500 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | Qingdao Haisen Glass Co. Ltd. ; Qingdao, Shandong | | | | | |
| 5501 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 9159 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7844 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 9160 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| 5502 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Qingdao Himalaya Building Materials Co., Ltd ; Jiazhou City Qindao, Shandong | | | | | |
| 5503 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 9056 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 5504 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A | 9057 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 5505 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | 9058 | COMP+CAN * | | 12.0 TTG (3) | | U A |
| 8790 | COMP+CAN (H) | | 12 LTG (b)(T) | (.030) | U A | Qingdao Ideal Building Material Co. Ltd. ; Qingdao, Shandong | | | | | |
| ProTemp Glass, Inc. ; Concord, Ontario | | | | | | 6776 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7410 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 6777 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7411 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | Qingdao Kingdom Glass Co., Ltd. ; Qingdao, Shandong | | | | | |
| 7382 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8410 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7312 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 7681 | COMP+CAN * | | 12.0 TTG (3) | | U A |
| 7313 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Qingdao Laurel Glass Technology Co., Ltd ; Qingdao, Shandong | | | | | |
| 7314 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7125 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7315 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 7110 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7316 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 8063 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7907 | COMP+CAN (H) | | 10-16+ LTG (b)(A) | (.060) | U A | 8019 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| Przedsiębiorstwo Prywatne Rezal ; Leczycka, Lodz | | | | | | 7126 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 9084 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8020 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 9081 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8021 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| 9082 | COMP+CAN | 5/16 | 8.0 TTG | | U A | Qingdao Pioneer Glass Co.,Ltd. ; Qingdao, Shandong | | | | | |
| 9083 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8529 | COMP+CAN * | | 3.0 TTG (3) | | U A |
| 8626 | COMP+CAN H | | 8.0 LTG (b)(A) | (.030) | U A | 8530 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 9085 | COMP+CAN (H) | | 12-16+ LTG (ip)(A) | (.035) | U A | 8531 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| PT Abebersa Pratama ; Bekasi, Indonesia | | | | | | 8532 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 3905 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 8216 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 3906 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8685 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| 8000 | COMPOSITE | 5/32 | 4.0 TPG (s) | | U A | Qingdao Runya Glass Products Co., LTD ; Qingdao, Shandong | | | | | |
| Pulp Studio, Inc. ; Gardena, CA | | | | | | 8620 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 7860 | COMP+CAN | 3/16 | 5.0 TTG | | U A | Qinhuangdao Huaguang Technology Glass Co., Ltd. ; Qinhuangdao, Hebei | | | | | |
| 6416 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8352 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 7807 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Qinhuangdao Jingxin Glass Co., Ltd. ; Qinhuangdao, Hebei | | | | | |
| 7808 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5280 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4711 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |
| Qianse Acrylic Co., LTD. ; Dongguan, Guangdong Province | | | | | | | | | | | |
| 7247 | ANSI ONLY | 1/8 | 3.0 SPS | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|---|---------------|-------------------|---------------------|-------------------------------|---|---------------|-------------------|----------------------------|-------------------------------|
| | | (THICKNESS CLASS) | | | | | (THICKNESS CLASS) | | |
| Qinhuangdao Mingjingyuan Safety Technology Glass Co., Ltd ; Qinhuangdao, Hebei | | | | | Quest Window Systems ; Mississauga, Ontario | | | | |
| 8533 | COMP+CAN | 12 | 12.0 TTG | U A | 5719 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 8534 | COMP+CAN | (*) | 15.0 TTG (3) | U A | Ready Glass & Mirror, Inc. ; Hialeah, FL | | | | |
| Qinhuangdao Qicaishi Glass Processing Co., Ltd. ; Qinhuangdao, Hebei | | | | | 3745 | COMPOSITE | 3/16 | 5.0 TTG | U A |
| 5141 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 3746 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| Qinhuangdao Rongsheng Glass Processing Co., Ltd. ; Qinhuangdao, Hebei | | | | | 3747 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 7259 | COMPOSITE (S) | | 6 LTG (b)(A) (.030) | U A | 3748 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| Qinhuangdao Shengrui Glass Processing CO., LTD. ; Qinhuangdao, Hebei | | | | | 5634 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) (.035) | U A |
| 8664 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 7013 | COMPOSITE (H) | | 8-12 LTG (b)(A)(IN) (.015) | U A |
| QinHuangDao Tianrui Tempered Technology Glass Co. ; Qinhuangdao, Hebei | | | | | Reem Emirates Aluminum & Glass ; Abu Dhabi, United Arab Emirates | | | | |
| 3690 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 4675 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 9195 | COMPOSITE | 5/32 | 4.0 TTG (MC) | U A | 4676 | COMPOSITE | 5/16 | 8.0 TTG | U A |
| 9046 | COMPOSITE | 5/32 | 4.0 TPG (d) | U A | 4677 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| Qinhuangdao Yaoyou Engineering Glass Co., LTD. ; Qinhuangdao, Hebei | | | | | 6971 | COMPOSITE (H) | | 16 LTG (b)(A) (.060) | U A |
| 9039 | COMPOSITE | 1/4 | 6.0 TTG | U A | Renin Canada Corp. ; Brampton, Ontario | | | | |
| Quaker Window Products, Inc. ; Freeburg, MO | | | | | 8318 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 2985 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A | 8278 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 5297 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A | 8319 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 2986 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A | Resman Glass PVC Aluminum SAN. VE TIC. A.S. ; Samsun, Tekkekoy | | | | |
| 3485 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 8830 | COMPOSITE | 1/4 | 6.0 TTG | U A |
| 7935 | COMP+CAN | 5/16 | 8.0 TTG | U A | 8831 | COMPOSITE | 5/16 | 8.0 TTG | U A |
| 2968 | COMP+CAN | 1/8 | 3.0 TPG (m) | U A | 8832 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 2969 | COMP+CAN | 5/32 | 4.0 TPG (m)(IN) | U A | 8833 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 3486 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | 8834 | COMPOSITE (H) | | 8-16+ LTG (b)(A) (.030) | U A |
| 2970 | COMP+CAN | 1/4 | 6.0 TPG (m)(IN) | U A | Rider Glass Company Limited ; Qingdao, Shandong | | | | |
| Quality Enclosures ; Central Islip, NY | | | | | 8624 | COMP+CAN | 1/8 | 3.0 TTG | U A |
| 6440 | COMP+CAN | 3/16 | 5.0 TTG | U A | 8625 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 6441 | COMP+CAN | 1/4 | 6.0 TTG | U A | 8464 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 6442 | COMP+CAN | 3/8 | 10.0 TTG | U A | 8465 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| 6443 | COMP+CAN | 1/2 | 12.0 TTG | U A | 8466 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 6444 | COMP+CAN | 3/16 | 5.0 TPG (s) | U A | 8467 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 6445 | COMP+CAN | 1/4 | 6.0 TPG (s) | U A | 8875 | COMP+CAN * | | 12.0 TTG (3) | U A |
| 6446 | COMP+CAN | 3/8 | 10.0 TPG (m) | U A | 8876 | COMP+CAN * | | 15.0 TTG (3) | U A |
| Quality Enclosures Tempering, Inc. ; Port Orange, FL | | | | | 8877 | COMP+CAN | 3/4 | 19.0 TTG | U A |
| 6243 | COMPOSITE | 3/16 | 5.0 TTG | U A | 8873 | COMP+CAN (S) | | 6 LTG (b)(A) (.015) | U A |
| 6244 | COMPOSITE | 1/4 | 6.0 TTG | U A | 9098 | COMP+CAN (H) | | 8,12 LTG (b)(A) (.015) | U A |
| 6245 | COMPOSITE | 3/8 | 10.0 TTG | U A | 8874 | COMP+CAN (H) | | 8-16+ LTG (b)(A) (.030) | U A |
| 6246 | COMPOSITE | 1/2 | 12.0 TTG | U A | Rizhao Huaye Glass Co., Ltd. ; Rizhao, Shandong | | | | |
| 6247 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 5566 | COMP+CAN | 5/32 | 4.0 TTG | U A |
| 6248 | COMPOSITE | 1/4 | 6.0 TPG (s) | U A | 5567 | COMP+CAN | 3/16 | 5.0 TTG | U A |
| 6249 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A | 5568 | COMP+CAN | 1/4 | 6.0 TTG | U A |
| Quality Glass & Mirror, Inc. ; Mount Prospect, IL | | | | | 5569 | COMP+CAN | 5/16 | 8.0 TTG | U A |
| 8914 | COMPOSITE | 5/32 | 4.0 TTG | U A | 5570 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 8915 | COMPOSITE | 3/16 | 5.0 TTG | U A | 5571 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 8916 | COMPOSITE | 1/4 | 6.0 TTG | U A | 5572 | COMP+CAN * | | 15.0 TTG (4) | U A |
| 8917 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5580 | COMP+CAN (S) | | 6 LTG (b)(A) (.015) | U A |
| 8918 | COMPOSITE | 1/2 | 12.0 TTG | U A | 5581 | COMP+CAN (H) | | 8-16+ LTG (b)(A) (.015) | U A |
| Quest USA, Inc. ; Garland, TX | | | | | Robover Inc. ; Quebec City, Quebec | | | | |
| 7659 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 5199 | COMP+CAN | 1/8 | 3.0 TTG (MC) | U A |
| | | | | | 5200 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| | | | | | 5201 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| | | | | | 5202 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| | | | | | 5763 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| | | | | | 5764 | COMP+CAN | 1/2 | 12.0 TTG | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------------|--------------------|--------------------------|------|---|-----------|-------------------|--------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Rohden Vidros LTDA (Unidade 2) ; Pouso Redondo, Santa Catarina | | | | | | SAGE Electrochromics Inc. ; Faribault, MN | | | | | |
| 8103 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8855 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8192 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 7003 | COMP+CAN | (S) | 6 LTG (ip)(A) | (.035) | U A |
| S.F. Tempering ; Dania Beach, FL | | | | | | Saint Gobain Mexico, S.A. de C.V. ; Cuautla, Morelos, Mexico | | | | | |
| 5452 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8856 | COMP+CAN | (H) | 8-12 LTG (b)(A) | (.030) | U A |
| 5019 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5016 | COMP+CAN | (H) | 8-12 LTG (ip)(A) | (.035) | U A |
| 5020 | COMPOSITE | 3/8 | 10.0 TTG | | U A | Saudi American Glass Company ; Riyadh, Saudi Arabia | | | | | |
| 5021 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8500 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 6694 | COMPOSITE | (S) | 6 LTG (ev)(A) | (.015) | U B | 8501 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 6695 | COMPOSITE | (H) | 12-16+ LTG (ev)(A) | (.015) | U B | 8502 | COMPOSITE | (H) | 12 LTG (b)(A) | (.060) | U A |
| SAAND Inc. ; Toronto, Ontario | | | | | | Senneca Holdings Inc, (Thermoseal Brand) ; Irving, TX | | | | | |
| 2481 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 7640 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 2482 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8878 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| 3023 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 7641 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 2484 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 7642 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 4356 | COMP+CAN | 5/16 | 8.0 TTG | | U A | Sfera SRL ; Meolo, Metropolitan City of Venice | | | | | |
| 4357 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8087 | COMP+CAN | 5/32 | 4.0 TBG (MC) | | U A |
| 4358 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 6079 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| SAAND London ; London, Ontario | | | | | | Shahe Domsung Glass Co., Ltd. ; Shahe City, Hebei Province | | | | | |
| 3978 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 9182 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 4278 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | Shandong HaanGlas Co., LTD ; Tai'an, Shandong | | | | | |
| 3979 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 9126 | COMPOSITE | 3/8 | 10.0 VIGT | | U A |
| 3980 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | Shandong Kingtom Glass Co., Ltd. ; Qingdao, Shandong | | | | | |
| 7658 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8311 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 3981 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 7917 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7536 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7918 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| SAAND Ottawa ; Stittsville, Ontario | | | | | | Shandong Taishan Huayue Glass Co., Ltd. ; Tai'an, Shandong | | | | | |
| 4949 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8355 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4950 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 8356 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4951 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 9038 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| 4952 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8722 | COMP+CAN | (H) | 8 LTG (HS)(A) | (.060) | U A |
| 4953 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Shandong Yaohua Glass Co., Ltd. ; Jinan, Shandong | | | | | |
| 4954 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7335 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| SAAND Rexdale ; Rexdale, Ontario | | | | | | Safti First ; Merced, CA | | | | | |
| 4995 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8983 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 4996 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8984 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 4997 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8985 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4998 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8986 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4999 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8987 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 5000 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8981 | COMP+CAN | (S) | 6 LTG (ev)(A) | (.030) | U A |
| 5001 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 8988 | COMP+CAN | (H) | 10-12 LTG (b)(A) | (.030) | U A |
| 5002 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 8982 | COMP+CAN | (H) | 10-12 LTG (ev)(A) | (.030) | U A |
| Safti First ; Merced, CA | | | | | | Safti First ; Merced, CA | | | | | |
| 8983 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8989 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.035) | U A |
| 8984 | COMP+CAN | 3/16 | 5.0 TTG | | U A | | | | | | |
| 8985 | COMP+CAN | 1/4 | 6.0 TTG | | U A | | | | | | |
| 8986 | COMP+CAN | 3/8 | 10.0 TTG | | U A | | | | | | |
| 8987 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | | | | | | |
| 8981 | COMP+CAN | (S) | 6 LTG (ev)(A) | (.030) | U A | | | | | | |
| 8988 | COMP+CAN | (H) | 10-12 LTG (b)(A) | (.030) | U A | | | | | | |
| 8982 | COMP+CAN | (H) | 10-12 LTG (ev)(A) | (.030) | U A | | | | | | |
| 8989 | COMP+CAN | (H) | 12-16+ LTG (ip)(A) | (.035) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------|---------------------|--------------------------|------|--|-----------|-------------|-----------------|--------------------------|------|
| Shanghai Bordy Decoration Materials Co., Ltd. ; Pudong, Shanghai | | | | | | Sichuan CSG Energy Conservation Glass Co., Ltd. ; Chengdu, Sichuan | | | | | |
| 8822 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7050 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 8823 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 7051 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8824 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7052 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 8825 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 7053 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8826 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7054 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| Shanghai Jiajie Glass Co., Ltd. ; Baoshan District, Shanghai | | | | | | Sierra Glass Fabrication Inc. ; Sparks, NV | | | | | |
| 9049 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 7670 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 9050 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 6186 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 9051 | COMP+CAN | 1/2 | 12.0 TTG | | U A | SIGCO, Inc. ; Westbrook, ME | | | | | |
| 9052 | COMP+CAN | * | 15.0 TTG (3) | | U A | 2961 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 9047 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 2962 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A |
| 9048 | COMP+CAN | (H) | 12-16+ LTG (b)(T) | (.060) | U A | 2963 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| Shanghai SYP Engineering Glass ; Pudong, Shanghai | | | | | | Simonton Windows ; Ellenboro, WV | | | | | |
| 4067 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 2887 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4068 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 2888 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 4069 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 5296 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| 4070 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 8411 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A |
| 4071 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | Simonton Windows ; Paris, IL | | | | | |
| 4072 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A | 4979 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4073 | COMP+CAN | * | 15.0 TTG (4)(MC) | | U A | 4978 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 6988 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 7251 | COMPOSITE | 1/8 | 3.0 TPG (m) | | U A |
| 8805 | COMP+CAN | (H) | 12, 16+ LTG (ip)(A) | (.060) | U A | Sisecam Flat Glass Italy S.r.l. ; S. Giorgio Di Nogaro, Italy | | | | | |
| Shanghai Zhenzhen Glassware Co., LTD. ; Fengxian District, Shanghai | | | | | | Sky Land Glass Corp. ; Richmond Hill, NY | | | | | |
| 6125 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 9189 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 6126 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 9190 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Shape Glass LLC. ; Sarasota, FL | | | | | | Skyline Design ; Chicago, IL | | | | | |
| 6502 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 6340 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6503 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 6343 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6504 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 6347 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| 6505 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6350 | COMP+CAN | 1/2 | 12.0 TPG (s) | | U A |
| 6506 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Smart Glass Group ; Fort Lauderdale, FL | | | | | |
| 6507 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 9059 | COMP+CAN | (H) | 12 LTG (ev)(HS) | (.030) | U A |
| 6947 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras | | | | | |
| Shenzhen Shennanyi Glass Product Co., Ltd ; Shenzhen, Guangdong Province | | | | | | Sula, Honduras | | | | | |
| 8522 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8585 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 8723 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8586 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8523 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong Province | | | | | |
| 8524 | COMP+CAN | * | 12.0 TTG (3) | | U A | 6970 | COMP+CAN | (H) | 8-10 LTG (b)(A) | (.060) | U A |
| 8525 | COMP+CAN | 3/4 | 19.0 TTG | | U A | Shower Doors & More Inc. ; Fort Lauderdale, FL | | | | | |
| 8425 | COMP+CAN | (H) | 16+ LTG (b)(A) | (.060) | U A | 5756 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| Shenzhen Sun Global Glass Co., Limited ; Shenzhen, Guangdong Province | | | | | | Skyline Design ; Chicago, IL | | | | | |
| 6970 | COMP+CAN | (H) | 8-10 LTG (b)(A) | (.060) | U A | 6340 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Shower Doors & More Inc. ; Fort Lauderdale, FL | | | | | | Smart Glass Group ; Fort Lauderdale, FL | | | | | |
| 5756 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 9059 | COMP+CAN | (H) | 12 LTG (ev)(HS) | (.030) | U A |
| 5757 | COMPOSITE | 1/4 | 6.0 TTG | | U A | Soluciones Arquitectonicas, S.A. De C.V. ; San Pedro Sula, Honduras | | | | | |
| 5758 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8585 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 5759 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8586 | COMPOSITE | 1/2 | 12.0 TTG | | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|---|---------------|-------------------|-------------------|--------------------------|------------|--|---------------|-------------------|-----------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Soluciones Vitro Plano S.A. de C.V. ; Tlalnepantla de Baz, State of Mexico | | | | | | Stargrup Cam A.S. ; Arnavutkoy, Istanbul | | | | | |
| 4639 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8219 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4645 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 8220 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 4788 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 6204 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 4640 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7579 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4641 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 6205 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4642 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 6206 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 9109 | COMPOSITE (H) | 8,10,16+ | LTG (ip)(A) | (.035) | U A | 8221 | COMP+CAN (H) | 8-16+ | LTG (ip)(A) | (.035) | U A |
| 9110 | COMPOSITE (H) | 10,16+ | LTG (b)(A) | (.030) | U A | 6207 | COMP+CAN (H) | 8-16+ | LTG (b)(A) | (.015) | U A |
| South Bay Showers, Inc. ; Santa Clara, CA | | | | | | Strong Tempering Glass Industry LLC ; Brooklyn, NY | | | | | |
| 7252 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5939 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 7253 | COMPOSITE | 5/16 | 8.0 TTG (IN) | | U A | 5940 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6927 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5942 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6928 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 5941 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7254 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | Sunfire Glass, Inc. ; Medley, FL | | | | | |
| Southern Wholesale Glass, Inc. ; Americus, GA | | | | | | 7036 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7349 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7033 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7350 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7037 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Specialty Glass Products ; Grand Rapids, MI | | | | | | 7405 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 9011 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 7038 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A |
| 9012 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 9167 | COMPOSITE (H) | 8,12 | LTG (b)(A) | | U A |
| 9013 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 9148 | COMPOSITE (H) | 12 | LTG (ip)(A) | (.090) | U A |
| 9014 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Sunglas Technics Co., Ltd. ; Foshan, Guangdong Province | | | | | |
| 9015 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8090 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| Splendor Shower Door ; Holland, OH | | | | | | 9036 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 7753 | COMPOSITE | 5/32 | 4.0 TTG | | U A | Swift Glass Co., Inc. ; Elmira Heights, NY | | | | | |
| 7754 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 1555 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 7755 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 1556 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7756 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 1557 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7757 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 1558 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7758 | COMPOSITE | 5/32 | 4.0 TPG (s) | | U A | 1559 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7759 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | Synergy Energy Saving Glass (Tianjin) Co., Ltd. ; Baodi District, Tianjin | | | | | |
| 7761 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 8749 | COMPOSITE | 3/8 | 10.0 VIGT (MC) | | U A |
| Standard Bent Glass ; East Butler, PA | | | | | | Syracuse Glass Company, LLC ; Syracuse, NY | | | | | |
| 8543 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 2654 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 6301 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 2957 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 6302 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 2656 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 6303 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 2958 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 6304 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 2657 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8616 | COMP+CAN | 1/4 | 6.0 TBG (MC) | | U A | 6391 | COMP+CAN (S) | 6 | LTG (b)(A) | (.030) | U A |
| 7675 | COMP+CAN | 5/16 | 8.0 TBG | | U A | 6393 | COMP+CAN (H) | 8-16+ | LTG (ip)(A) | (.060) | U A |
| 7676 | COMP+CAN | 3/8 | 10.0 TBG (IN) | | U A | 6392 | COMP+CAN (H) | 8-16+ | LTG (b)(A) | (.030) | U A |
| 7677 | COMP+CAN | 1/2 | 12.0 TBG | | U A | Tacoma Glass Mfg. Inc. ; Burlington, WA | | | | | |
| 6305 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A | 5165 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6306 | COMP+CAN (H) | | 10-16+ LTG (b)(A) | (.030) | U A | 5166 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Star Glass Tempering LLC ; Elk Grove Village, IL | | | | | | 5167 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8549 | COMPOSITE | 1/4 | 6.0 TTG | | U A | Tacoma Glass Mfg. Inc. ; Tacoma, WA | | | | | |
| 8550 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8188 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 8551 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8189 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| | | | | | | 8190 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| | | | | | | 8186 | COMPOSITE (S) | 6 | LTG (b)(A) | (.030) | U A |
| | | | | | | 8187 | COMPOSITE (H) | 8-12 | LTG (b)(A) | (.030) | U A |
| | | | | | | 8526 | COMP+CAN (H) | 12 | LTG (IN)(ip)(A) | (.060) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|---------------------|--------------------------|------|---|-----------|-------------------|------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Tai Shan City Da Heng Art Glass Ltd. ; Tai Shan, Guangdong Province | | | | | | Tempered Glass Industries, INC. ; Clearwater, FL | | | | | |
| 3787 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8490 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| Technical Glass Company ; Jeddah, Saudi Arabia | | | | | | | | | | | |
| 7952 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8979 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7953 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8491 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 7954 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8980 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7955 | COMP+CAN | * | 12.0 TTG (7) | | U A | 8493 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7956 | COMP+CAN | (H) | 8,12-16+ LTG (b)(A) | (.045) | U A | 8494 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |
| Techni-Glass LLC ; Surgoinville, TN | | | | | | Templados Del Centro SA DE C.V. ; Irapuato, Guanajuato | | | | | |
| 2547 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 9079 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 2548 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8966 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 2549 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8967 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2975 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8968 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 3062 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 6170 | COMP+CAN | (H) | 10 LTG (b)(A) | (.060) | U A |
| 4509 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 6019 | COMP+CAN | (H) | 12 LTG (b)(A) | (.030) | U A |
| 4510 | COMP+CAN | 5/8 | 16.0 TTG | | U A | Templados Industriales S.A. de C.V. ; Chihuahua, Chihuahua | | | | | |
| 3061 | COMP+CAN | 1/8 | 3.0 TPG (m) | | U A | 7880 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 5050 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 7881 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 2550 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | Tengzhou Fenghua Glass Co., LTD ; Zaozhuang, Shandong | | | | | |
| 3060 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A | 8861 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| Tecnoglass S.A.S. ; Barrio Las Flores, Barranquilla | | | | | | TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong | | | | | |
| 2133 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 6418 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 2287 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 6419 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 1993 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 6420 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 1994 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 6421 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2134 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 6422 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 1995 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 6424 | COMP+CAN | 5/32 | 4.0 TPG (s) | | U A |
| 2135 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 6425 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 2365 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 6426 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| 4003 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 7936 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| Tecnovidrio S.A. de C.V. ; Delegacion Iztacalco, Mexico City | | | | | | TG Qingdao Glass Co., Ltd. ; Qingdao, Shandong | | | | | |
| 7272 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8194 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 7273 | COMP+CAN | 3/8 | 10.0 TTG | | U A | TG Taicang Architectural Glass Co. Ltd ; Suzhou, Jiangsu | | | | | |
| 7274 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7446 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7275 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 7447 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8657 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 7448 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 9040 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 7449 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| TEMCOR S. DE RL DE CV ; H. Matamoros, Tamps | | | | | | TG Tianjin Glass Co., Ltd. ; Jinghai, Tianjin | | | | | |
| 8535 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 8473 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8051 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8474 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 8050 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 9080 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Temp Glass Inc. ; El Paso, TX | | | | | | The Glass Factory, LLC ; Donna, Texas | | | | | |
| 6698 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 8475 | COMP+CAN | (H) | 10 LTG (b)(A) | (.060) | U A |
| 6699 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | The Glass Guild Ltd. ; Calgary, Alberta | | | | | |
| 6700 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8889 | COMPOSITE | 1/4 | 6.0 TTG (IN) | | U A |
| 6701 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8890 | COMPOSITE | 3/8 | 10.0 TTG (IN) | | U A |
| Tempco Glass ; Flushing, NY | | | | | | The Glass Guild Ltd. ; Calgary, Alberta | | | | | |
| 6715 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 8891 | COMPOSITE | 1/2 | 12.0 TTG (IN) | | U A |
| 5010 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | The Glass Guild Ltd. ; Calgary, Alberta | | | | | |
| 5011 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 8631 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7285 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 8632 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 5012 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8633 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 5013 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8634 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| | | | | | | 8635 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| | | | | | | 9158 | COMP+CAN | 3/8 | 10.0 LTG (ev)(A) | (.030) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|------------------|--------------------------|------|---|-----------|-------------------|--------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Thermax A.J. Inc. ; Baie St. Paul, Quebec | | | | | | Tianjin Northglass Industrial Technical Co., Ltd ; Baodi District, Tianjin | | | | | |
| 8326 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 5220 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A |
| 8327 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | 5221 | COMPOSITE | * | 12.0 TTG (MC)(3) | | U A |
| 8328 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 6044 | COMPOSITE | (H) | 12 LTG (b)(A) | (.060) | U A |
| 8329 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 5223 | COMPOSITE | (H) | 16+ LTG (ip)(A) | (.060) | U A |
| 8330 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Tianjin SYP Engineering Glass Co., Ltd. ; Beichen District, Tianjin | | | | | |
| 8665 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 4075 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| Thermal Seal Insulating Glass ; Uxbridge, MA | | | | | | 4076 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 5731 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 4077 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 5732 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 4078 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 5733 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 4079 | COMP+CAN | * | 12.0 TTG (3)(MC) | | U A |
| 5734 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 4080 | COMP+CAN | * | 15.0 TTG (3)(MC) | | U A |
| 5735 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4081 | COMP+CAN | 3/4 | 19.0 TTG (MC) | | U A |
| 5736 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 8943 | COMP+CAN | (H) | 8-16+ LTG (ev)(A) | (.045) | U A |
| 5730 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A | 4084 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| Thermalsun Glass Products ; Santa Rosa, CA | | | | | | 8035 | COMP+CAN | (H) | 10-16+ LTG (ip)(A) | (.035) | U A |
| 6265 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | Tomakk Glass Partners, LLC ; Shreveport, LA | | | | | |
| 6266 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 7736 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 6267 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 7737 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6268 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 7738 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6269 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7739 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6270 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Treaty City Industries Inc. ; Greenville OH | | | | | |
| Thermo BSL ; Riviere-du-loup, Quebec | | | | | | 8373 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4290 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 8374 | COMP+CAN | 5/32 | 4.0 TTG (IN) | | U A |
| 4291 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | Tristar Glass, Inc. ; Catoosa, OK | | | | | |
| 4292 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 4004 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4293 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 4005 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 7094 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 4006 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 5673 | COMP+CAN | (H) | 8 LTG (b)(A) | (.030) | U A | 4007 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 5674 | COMP+CAN | (H) | 10 LTG (ip)(A) | (.090) | U A | 7072 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| Thompson I.G. LLC. ; Fenton, MI | | | | | | 4008 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 5303 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 4009 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8762 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 7590 | COMPOSITE | 5/32 | 4.0 TPG (s) | | U A |
| 5304 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 4011 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| 5305 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 5441 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8763 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4411 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 5298 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Tristar Glass, Inc. ; Houston, TX | | | | | |
| 5299 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5762 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 7025 | COMP+CAN | (H) | 8-12 LTG (ip)(A) | (.035) | U A | 7080 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A |
| 8180 | COMP+CAN | (H) | 8-12 LTG (b)(A) | (.030) | U A | 7081 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A |
| Tianjin CSG Energy Conservation Glass Co., Ltd ; Wuqing District, Tianjin | | | | | | Triton Glass LLC ; Albemarle, NC | | | | | |
| 4021 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 5690 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 4022 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 5691 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 4023 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 5692 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 4024 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 5693 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 4025 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 5694 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 4026 | COMP+CAN | 1/2 | 12.0 TTG | | U A | | | | | | |
| 4027 | COMP+CAN | * | 15.0 TTG (4) | | U A | | | | | | |
| 4028 | COMP+CAN | 3/4 | 19.0 TTG | | U A | | | | | | |
| 4030 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|---------------|----------------------------------|--------------------|-----------------------------|------|--|---------------|----------------------------------|--------------------|-----------------------------|------|
| Trulite Glass & Aluminum Solutions Canada, ULC ; Bois-des-Filion, Quebec | | | | | | Trulite Glass and Aluminum Solutions ; Columbus, OH | | | | | |
| 6061 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 4745 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 6062 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8362 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 6063 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 4746 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 6064 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 4747 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 6065 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 8191 | COMPOSITE | 5/16 | 8.0 TTG | | U A |
| 6066 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 6159 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6067 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 4748 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| Trulite Glass and Aluminum Solutions ; Aurora, CO | | | | | | Trulite Glass and Aluminum Solutions ; Fort Worth, TX | | | | | |
| 5341 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 6165 | COMPOSITE | 1/8 | 3.0 TPG (m) | | U A |
| 5348 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 6166 | COMPOSITE | 5/32 | 4.0 TPG (d) | | U A |
| 6613 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 6167 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| 5343 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 6168 | COMPOSITE | 1/4 | 6.0 TPG (m) | | U A |
| 5344 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6169 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |
| 5345 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7460 | COMPOSITE (S) | | 6 LTG (ip)(A) | (.035) | U A |
| 5346 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 7459 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A |
| 5349 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 7461 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A |
| 5350 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 7525 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.035) | U A |
| Trulite Glass and Aluminum Solutions ; Bradenton, FL | | | | | | Trulite Glass and Aluminum Solutions ; Grenada, MS | | | | | |
| 5860 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5397 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 4225 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5398 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 4226 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5399 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 4227 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 5400 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 7998 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 5401 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 7999 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 6389 | COMPOSITE | 5/8 | 16.0 TTG | | U A |
| 6189 | COMPOSITE | 3/16 | 5.0 TPG (d) | | U A | 6388 | COMPOSITE | 3/4 | 19.0 TTG | | U A |
| 6190 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 5404 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A |
| Trulite Glass and Aluminum Solutions ; Cheswick, PA | | | | | | Trulite Glass and Aluminum Solutions ; Houston, TX | | | | | |
| 1785 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 5405 | COMPOSITE | 3/8 | 10.0 TPG (m) | | U A |
| 1786 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 3603 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A |
| 8576 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 5728 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.035) | U A |
| 1787 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5783 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A |
| 1788 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Trulite Glass and Aluminum Solutions ; City of Industry, CA | | | | | |
| 4134 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 4184 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 4135 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 4185 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 1790 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | 4186 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 4453 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | 4187 | COMPOSITE | 1/2 | 12.0 TTG (MC) | | U A |
| Trulite Glass and Aluminum Solutions ; City of Industry, CA | | | | | | Trulite Glass and Aluminum Solutions ; Houston, TX | | | | | |
| 4184 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 5432 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4185 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 7018 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 4186 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3925 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 4187 | COMPOSITE | 1/2 | 12.0 TTG (MC) | | U A | 5483 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 4522 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 3927 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 4371 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 3928 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 4233 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A | 5477 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| 6010 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A | 7828 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 6011 | COMPOSITE (H) | | 10-16+ LTG (ip)(A) | (.060) | U A | 5433 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| | | | | | | 3931 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| | | | | | | 5434 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A |
| | | | | | | 6741 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A |
| | | | | | | 6742 | COMP+CAN (H) | | 10-16+ LTG (ip)(A) | (.035) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE ANSI CERTIFIED CLASS | SGCC# | TEST STD | INCHES (MM) (THICKNESS CLASS) | TYPE | MAX SIZE ANSI CERTIFIED CLASS |
|--|-----------|----------------------------------|-------------------|----------------------------------|---|-----------|----------------------------------|-------------------|----------------------------------|
| Trulite Glass and Aluminum Solutions ; Indianapolis, IN | | | | | Trulite Glass and Aluminum Solutions ; Orlando, FL | | | | |
| 4922 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 5183 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A |
| 4923 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 5185 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 4754 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5184 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| 4753 | COMPOSITE | 1/2 | 12.0 TTG | U A | 5186 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 7086 | COMPOSITE | 5/8 | 16.0 TTG | U A | 5187 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 8798 | COMP+CAN | 3/4 | 19.0 TTG | U A | 5680 | COMPOSITE | 5/8 | 16.0 TTG | U A |
| 4750 | COMPOSITE | 3/16 | 5.0 TPG (s) | U A | 5189 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A |
| Trulite Glass and Aluminum Solutions ; Knoxville, TN | | | | | Trulite Glass and Aluminum Solutions ; Phoenix, AZ | | | | |
| 4209 | COMPOSITE | 1/8 | 3.0 TTG | U A | 5190 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A |
| 4827 | COMPOSITE | 5/32 | 4.0 TTG | U A | 5191 | COMPOSITE | 1/4 | 6.0 TPG (m) | U A |
| 4152 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 5192 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 4153 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 9137 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) U A |
| 4158 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5484 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 4159 | COMPOSITE | 1/2 | 12.0 TTG | U A | 5485 | COMPOSITE | (H) | 10-12 LTG (ip)(A) | (.060) U A |
| 4207 | COMPOSITE | 1/8 | 3.0 TPG (m) | U A | Trulite Glass and Aluminum Solutions ; Salt Lake City, UT | | | | |
| 4981 | COMPOSITE | 5/32 | 4.0 TPG (m) | U A | 5701 | COMPOSITE | 5/32 | 4.0 TTG | U A |
| 4160 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | 5702 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A |
| 5134 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A | 5746 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A |
| Trulite Glass and Aluminum Solutions ; Las Vegas, NV | | | | | Trulite Glass and Aluminum Solutions ; Tulsa, OK | | | | |
| 4210 | COMPOSITE | 1/8 | 3.0 TTG (MC) | U A | 5703 | COMPOSITE | 3/8 | 10.0 TTG | U A |
| 4212 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 5704 | COMPOSITE | 1/2 | 12.0 TTG | U A |
| 4213 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 7878 | COMPOSITE | 5/32 | 4.0 TPG (d) | U A |
| 4214 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5706 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A |
| 4215 | COMPOSITE | 1/2 | 12.0 TTG | U A | 6759 | COMPOSITE | 1/4 | 6.0 TPG (s) | U A |
| 4217 | COMPOSITE | 1/8 | 3.0 TPG (s) | U A | 5747 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A |
| 4219 | COMPOSITE | 3/16 | 5.0 TPG (m) | U A | Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario | | | | |
| 4220 | COMPOSITE | 1/4 | 6.0 TPG (s) | U A | 5507 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 4221 | COMPOSITE | 3/8 | 10.0 TPG (s) | U A | 5508 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| Trulite Glass and Aluminum Solutions ; Lithia Springs, GA | | | | | Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario | | | | |
| 6102 | COMP+CAN | 3/16 | 5.0 TTG | U A | 5509 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 6103 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A | 5510 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 6104 | COMP+CAN | 3/8 | 10.0 TTG | U A | 5511 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 6105 | COMP+CAN | 1/2 | 12.0 TTG | U A | 5782 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 6106 | COMP+CAN | 5/8 | 16.0 TTG | U A | 5631 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A |
| 6107 | COMP+CAN | 3/4 | 19.0 TTG | U A | 7290 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 6113 | COMP+CAN | 3/16 | 5.0 TPG (m) | U A | Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario | | | | |
| 6114 | COMP+CAN | 1/4 | 6.0 TPG (m)(IN) | U A | 5507 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 6115 | COMP+CAN | 3/8 | 10.0 TPG (s) | U A | 5508 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 6110 | COMP+CAN | (S) | 6 LTG (ip)(A)(IN) | (.060) U A | 5509 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 6108 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A | 5510 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 7564 | COMP+CAN | (H) | 8-16+ LTG (ip)(T) | (.060) U A | 5511 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 7563 | COMP+CAN | (H) | 8-16+ LTG (b)(T) | (.030) U A | 5782 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| Trulite Glass and Aluminum Solutions ; New Berlin, WI | | | | | Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario | | | | |
| 5876 | COMPOSITE | 1/8 | 3.0 TTG | U A | 5507 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 5318 | COMPOSITE | 3/16 | 5.0 TTG (MC) | U A | 5508 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |
| 5877 | COMPOSITE | 1/4 | 6.0 TTG (MC) | U A | 5509 | COMP+CAN | 1/4 | 6.0 TTG (MC) | U A |
| 5320 | COMPOSITE | 5/16 | 8.0 TTG | U A | 5510 | COMP+CAN | 5/16 | 8.0 TTG (MC) | U A |
| 5321 | COMPOSITE | 3/8 | 10.0 TTG | U A | 5511 | COMP+CAN | 3/8 | 10.0 TTG | U A |
| 5322 | COMPOSITE | 1/2 | 12.0 TTG | U A | 5782 | COMP+CAN | 1/2 | 12.0 TTG | U A |
| 5896 | COMPOSITE | 5/8 | 16.0 TTG | U A | 5631 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) U A |
| 5897 | COMPOSITE | 3/4 | 19.0 TTG | U A | 7290 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) U A |
| 3430 | COMPOSITE | (S) | 6 LTG (b)(A) | (.030) U A | Trulite Glass and Aluminum Solutions ; Woodbridge, Ontario | | | | |
| 5936 | COMPOSITE | (H) | 8-12 LTG (b)(A) | (.030) U A | 5507 | COMP+CAN | 5/32 | 4.0 TTG (MC) | U A |
| 5937 | COMPOSITE | (H) | 8-16+ LTG (ip)(A) | (.060) U A | 5508 | COMP+CAN | 3/16 | 5.0 TTG (MC) | U A |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|---------------|-------------------|-----------------------|--------------------------|------|---|--------------|-------------------|----------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Trulite Glass and Aluminum Solutions ; Youngsville, NC | | | | | | United Plate Glass Company of Charlotte ; Lincolnton, NC | | | | | |
| 5517 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 3948 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 5273 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 4197 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 5274 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 3949 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 5518 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 3950 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 5275 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3951 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 5276 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 3952 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 6009 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 3954 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A |
| 5277 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 4636 | COMPOSITE | 5/32 | 4.0 TPG (m) | | U A |
| 5279 | COMPOSITE | 3/16 | 5.0 TPG (m) | | U A | 3955 | COMP+CAN | 3/16 | 5.0 TPG (s) | | U A |
| 8961 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A | United Plate Glass of Maryland LLC ; Frederick, MD | | | | | |
| 7951 | COMPOSITE (S) | | 6 LTG (b)(A) | (.030) | U A | 7889 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7599 | COMPOSITE (H) | | 8-16+ LTG (b)(A) | (.030) | U A | 7890 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Türkiye Sise ve CamFabrikalar A.S. SisecamDuzcam Bursa FabrikaSubesi ; Yenisehir, Bursa | | | | | | 7891 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8479 | COMP+CAN (S) | | 6 LTG (b)(A) | (.015) | U A | 7892 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8193 | COMP+CAN (H) | | 8-12 LTG (b)(A) | (.015) | U A | 9183 | COMP+CAN | 5/8 | 16.0 TTG | | U A |
| Tweddells Inc. ; Santa Ana, CA | | | | | | 9184 | COMP+CAN | 3/4 | 19.0 TTG | | U A |
| 5384 | COMP+CAN | 1/8 | 3.0 TTG | | U A | Unitex Glass Chengdu Co., Ltd ; Chengdu, Sichuan | | | | | |
| 4993 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 5462 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 5385 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 5463 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 5386 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 5407 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| U.S. Glass Distributors Inc. ; Enfield, CT | | | | | | 5408 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 5921 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 6519 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 5922 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 5414 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 5923 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 6520 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 5924 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8684 | COMP+CAN (H) | | 16+ LTG (b)(T) | (.060) | U A |
| 5925 | COMP+CAN | 3/8 | 10.0 TTG | | U A | Upstate Glass Tempering Inc. ; Middletown, NY | | | | | |
| 5926 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5157 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 5927 | COMP+CAN | 5/8 | 16.0 TTG | | U A | 4927 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6157 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 5158 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 5917 | COMP+CAN | 5/32 | 4.0 TPG (d) | | U A | 6743 | COMPOSITE | 5/8 | 16.0 TTG (IN) | | U A |
| 5918 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | US Glass Depot LLC ; Plainview, NY | | | | | |
| 5920 | COMP+CAN | 3/8 | 10.0 TPG (s)(IN) | | U A | 9153 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 7619 | COMP+CAN (S) | | 6 LTG (ip)(A) | (.035) | U A | 9154 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 6864 | COMP+CAN (H) | | 10,16+ LTG (ip)(A) | (.035) | U A | 9155 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| Uniglass ; Riyadh, Saudi Arabia | | | | | | 9156 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 8404 | COMP+CAN | 1/4 | 6.0 TTG | | U A | US Glass Tempering Inc. ; San Leandro, CA | | | | | |
| 7030 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 7156 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 7031 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7159 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 7032 | COMPOSITE * | | 12.0 TTG (7) | | U A | 7157 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 8405 | COMP+CAN (H) | | 12 LTG (b)(A) | (.030) | U A | 7160 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| United Plate Glass Co., Inc. ; Butler, PA | | | | | | 7161 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 2467 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | 7996 | COMPOSITE | 3/8 | 10.0 TPG (s) | | U A |
| 2468 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | US Tempering LLC ; Maspeth, NY | | | | | |
| 2469 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 4900 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 2470 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 4901 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 2471 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 4902 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 6375 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 4903 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 6250 | COMP+CAN (S) | | 6 LTG (ip)(A)(IN) | (.035) | U A | | | | | | |
| 6224 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A | | | | | | |
| 6251 | COMP+CAN (H) | | 8-16+ LTG (ip)(A)(IN) | (.035) | U A | | | | | | |
| 6225 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|--|-----------|-------------------|---------------------|--------------------------|------|--|----------|-------------------|--------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| VA Glass, LLC. ; Ridgeway, VA | | | | | | Vidrio Bisel S.A. de C.V. (Santa Catarina) ; Monterrey, Nuevo Leon | | | | | |
| 12 | COMPOSITE | 3/16 | 5.0 TTG (IN) | | U A | 4966 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 14 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 4967 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8116 | COMPOSITE | 5/16 | 8.0 TTG | | U A | Vidrio Duro de Mexico S.A. de C.V. ; Escobedo, Nuevo Leon | | | | | |
| 93 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 5840 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 94 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 5781 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 2182 | COMPOSITE | 5/8 | 16.0 TTG | | U A | 8835 | COMP+CAN | (H) | 12 LTG (b)(A) | (.015) | U A |
| 95 | COMPOSITE | 3/4 | 19.0 TTG | | U A | 8845 | COMP+CAN | (H) | 12 LTG (ip)(A) | (.035) | U A |
| 5194 | COMPOSITE | (H) | 10-16+ LTG (ip)(A) | (.035) | U A | Vidrio Plano De Mexico S.A. DE C.V. ; Garcia Nuevo Leon, Nuevo Leon | | | | | |
| 8376 | COMPOSITE | (H) | 12-16+ LTG (b)(A) | (.030) | U A | 7735 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| Valentini Glass & Components srl ; Calcinato, Province of Brescia | | | | | | 8381 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 2423 | COMPOSITE | 5/32 | 4.0 TTG (MC) | | U A | 8382 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7825 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | 8383 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 6816 | COMPOSITE | * | 12.0 TTG (3) | | U A | View Inc. ; Olive Branch, MS | | | | | |
| 4246 | COMPOSITE | 5/32 | 4.0 TBG (MC) | | U A | 4725 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7826 | COMPOSITE | 3/16 | 5.0 TBG (MC) | | U A | 4726 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 2898 | COMPOSITE | 1/4 | 6.0 TBG (MC) | | U A | 7961 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| Vandaglas Eckelt GmbH ; Steyr, Austria | | | | | | 4728 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 2850 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7107 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 2851 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 7108 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 2852 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6390 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 2853 | COMPOSITE | * | 12.0 TTG (4) | | U A | 8217 | COMP+CAN | (H) | 8 LTG (ip)(A) | (.060) | U A |
| 2854 | COMPOSITE | * | 15.0 TTG (4)(IN) | | U A | 7711 | COMP+CAN | (H) | 8 LTG (b)(A) | (.030) | U A |
| 2855 | COMPOSITE | 3/4 | 19.0 TTG (IN) | | U A | Viewrail ; Goshen, IN Eisenhower Dr. North | | | | | |
| 6825 | COMPOSITE | (H) | 8,12-16+ LTG (b)(A) | (.030) | U A | 8423 | COMP+CAN | (H) | 12-16+ LTG (ip)(T) | (.035) | U A |
| 6901 | COMPOSITE | (H) | 10-16+ LTG (ip)(A) | (.060) | U A | Viracon Inc. ; Owatonna, MN | | | | | |
| Vetzeria F. Illi Paci S.R.L. ; Seregno, Province of Monza and Brianza | | | | | | 4354 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 8105 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 1403 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7855 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 1404 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7856 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3689 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A |
| 7857 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 1508 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A |
| 7854 | COMPOSITE | (H) | 10-12 LTG (ev)(A) | (.030) | U A | 1509 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A |
| Vetriko S.A. ; Duran, Guayas | | | | | | 1637 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A |
| 8769 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 4249 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 8770 | COMPOSITE | 5/16 | 8.0 TTG | | U A | 4250 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.060) | U A |
| 8771 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8403 | COMP+CAN | (H) | 12-16+ LSP (b)(A) | (.060X2 EC) | U A |
| 8974 | COMPOSITE | (S) | 6 LTG (b)(A) | (.015) | U A | Vision En Cristal Y Aluminio SA DE CV ; Nuevo Leon, Mexico | | | | | |
| 8772 | COMPOSITE | (S) | 6 LTG (ev)(A) | (.015) | U A | 8692 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 9108 | COMPOSITE | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 8693 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 8975 | COMPOSITE | (H) | 8-12 LTG (b)(A) | (.015) | U A | 8694 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8773 | COMPOSITE | (H) | 8-12 LTG (ev)(A) | (.015) | U A | Vista Glass Corporation ; Vaughan, Ontario | | | | | |
| Vetrodomus SpA ; Brescia, Province of Brescia | | | | | | 8444 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7492 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 8445 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7493 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A | 8446 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7494 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A | 8447 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 7495 | COMPOSITE | (H) | 8-10 LTG (b)(A) | (.030) | U A | 8448 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| Vidplex Universal S.AS ; Bogota, Bogota DC | | | | | | | | | | | |
| 8994 | COMPOSITE | 3/16 | 5.0 TTG | | U A | | | | | | |
| 8995 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | | | | | | |
| 8996 | COMPOSITE | 3/8 | 10.0 TTG | | U A | | | | | | |
| 8997 | COMPOSITE | (H) | 8-10 LTG (b)(A) | (.015) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|--|---------------|-------------------|-------------------|--------------------------|------------|---|---------------|-------------------|------------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Vistamatic, LLC ; Coral Springs, FL | | | | | | Vitrum Industries Ltd. (Calgary) ; Rocky View County, Alberta | | | | | |
| 6535 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7530 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 6536 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 7531 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6537 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7532 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6538 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 7533 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 6539 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 7534 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 8857 | COMPOSITE (S) | | 6 LTG (ev)(HS) | (.060) | U A | 7535 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8858 | COMPOSITE (H) | | 8-12 LTG (ev)(HS) | (.060) | U A | 9134 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A |
| 8859 | COMPOSITE (H) | | 12 LTG (b)(HS) | (.090) | U A | 9135 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A |
| Vitelsa Mosquera ; Bogota, Cundinamarca | | | | | | Viwinco, Inc. ; Morgantown, PA | | | | | |
| 7719 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3074 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A |
| 7401 | COMPOSITE | 1/2 | 12.0 TTG | | U A | 3405 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A |
| 6866 | COMPOSITE (H) | | 8-16+ LTG (ip)(A) | (.035) | U A | 6803 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A |
| 6865 | COMPOSITE (H) | | 8-12 LTG (b)(A) | (.030) | U A | 6374 | COMPOSITE (H) | | 8-12 LTG (ip)(A) | (.090) | U A |
| Vitralum Glass Solutions Inc. ; Altamonte Springs, FL | | | | | | W. A. Wilson Inc. ; Wheeling, WV | | | | | |
| 7853 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 3408 | COMPOSITE (H) | | 8 LTG (b)(A) | (.075) | U A |
| 8107 | COMPOSITE | 1/2 | 12.0 TTG | | U A | W.C.P., Inc dba West Coast Insulated Glass Products ; Cerritos, CA | | | | | |
| Vitre-Art C.A.B. (1988) Inc. ; Montreal Nord, Quebec | | | | | | Washington Glass Fabrication LLC. ; Manassas, VA | | | | | |
| 9065 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8536 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 9066 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8537 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 9067 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8538 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| Vitro Architectural Glass ; Barrie, Ontario | | | | | | West Seal Ltd.(AWG Northern Dist.) ; Prince George, British Columbia | | | | | |
| 5207 | COMP+CAN | 1/8 | 3.0 TTG | | U A | 8689 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 5204 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 8690 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 5205 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8691 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 5206 | COMP+CAN | 1/4 | 6.0 TTG | | U A | Wexford Viking Glass Limited ; Wexford, Leinster | | | | | |
| 7083 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | 8287 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| Vitro Flat Glass, LLC ; Wichita Falls, TX | | | | | | | | | | | |
| 1110 | COMP+CAN | 1/8 | 3.0 TTG | | U A | | | | | | |
| 1111 | COMP+CAN | 5/32 | 4.0 TTG | | U A | | | | | | |
| 1112 | COMP+CAN | 3/16 | 5.0 TTG | | U A | | | | | | |
| 1113 | COMP+CAN | 1/4 | 6.0 TTG | | U A | | | | | | |
| 3577 | COMP+CAN | 5/16 | 8.0 TTG | | U A | | | | | | |
| 3578 | COMP+CAN | 3/8 | 10.0 TTG | | U A | | | | | | |
| Vitrum Industries Ltd. ; Langley, British Columbia | | | | | | | | | | | |
| 7723 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | | | | | | |
| 7118 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | | | | | | |
| 7119 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | | | | | | |
| 7117 | COMP+CAN | 1/4 | 6.0 TPG (MC) | | U A | | | | | | |
| 7120 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | | | | | | |
| 8291 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | | | | | | |
| 7122 | COMP+CAN | 1/2 | 12.0 TTG | | U A | | | | | | |
| 8292 | COMP+CAN | 5/8 | 16.0 TTG | | U A | | | | | | |
| 7381 | COMP+CAN | 3/4 | 19.0 TTG | | U A | | | | | | |
| 7720 | COMP+CAN | 1/8 | 3.0 TPG (s) | | U A | | | | | | |
| 7721 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A | | | | | | |
| 7722 | COMP+CAN | 3/16 | 5.0 TPG (m) | | U A | | | | | | |
| 7790 | COMP+CAN | 1/4 | 6.0 TPG (m) | | U A | | | | | | |
| 8628 | COMP+CAN (S) | | 6 LTG (ip)(A) | (.035) | U A | | | | | | |
| 7871 | COMP+CAN (S) | | 6 LTG (b)(A) | (.030) | U A | | | | | | |
| 8956 | COMP+CAN (H) | | 8-16+ LTG (ip)(A) | (.035) | U A | | | | | | |
| 8955 | COMP+CAN (H) | | 8-16+ LTG (b)(A) | (.030) | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI CLASS |
|---|-----------|-------------------|-------------------|--------------------------|------------|---|-----------|-------------------|--------------|--------------------------|------------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Whalley Glass Co ; Derby, CT | | | | | | Wolverine Glass Products, Inc. ; Wyoming, MI | | | | | |
| 8808 | COMPOSITE | 1/8 | 3.0 TTG | | U A | 8036 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 6227 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 7981 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 6228 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 7982 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 9163 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 8037 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| White Aluminum Enterprises LLC ; Abu Dhabi, United Arab Emirates | | | | | | Woodbridge Glass Distribution Inc. ; Concord, Ontario | | | | | |
| 7085 | COMP+CAN | 5/32 | 4.0 TTG | | U A | 7896 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A |
| 4598 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 7897 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A |
| 4597 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 7898 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A |
| 7477 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 7899 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A |
| 7237 | COMP+CAN | (H) | 8-16+ LTG (ip)(T) | (.035) | U A | 7900 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7260 | COMP+CAN | (H) | 8-16+ LTG (b)(T) | (.030) | U A | 7901 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Wholesale Glass Dist. ; Memphis, TN | | | | | | WSD Glass, Inc. ; Winston-Salem, NC | | | | | |
| 7703 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | 4048 | COMPOSITE | 3/16 | 5.0 TTG | | U A |
| 4379 | COMPOSITE | 3/16 | 5.0 TTG | | U A | 4049 | COMPOSITE | 1/4 | 6.0 TTG | | U A |
| 4380 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A | 4052 | COMPOSITE | 3/8 | 10.0 TTG | | U A |
| 4381 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 4050 | COMPOSITE | 1/2 | 12.0 TTG | | U A |
| 4382 | COMPOSITE | 1/2 | 12.0 TTG | | U A | Wujiang CSG Huadong Architectural Glass Co., LTD ; Suzhou, Jiangsu | | | | | |
| WHTB Glass, LLC ; Shirley, NY | | | | | | Wutkowski Sp. Zo.o. ; Sliwice, Poland | | | | | |
| 7741 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8869 | COMP+CAN | (H) | 8 LTG (b)(T) | (.030) | U A |
| 7742 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian | | | | | |
| 7743 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 8484 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 7744 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 8348 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7745 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 7948 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 9164 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 7949 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 8223 | COMP+CAN | (H) | 10 LTG (ip)(A) | (.035) | U A | 8485 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7747 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A | 7950 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Window Creations, LLC ; Fort Jennings, OH | | | | | | Xiamen Shiner Glass Co., Ltd. ; Xiamen, Fujian | | | | | |
| 8127 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8682 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8128 | COMP+CAN | 1/4 | 6.0 TTG | | U A | | | | | | |
| 8129 | COMP+CAN | 3/8 | 10.0 TTG | | U A | | | | | | |
| 8130 | COMP+CAN | 1/2 | 12.0 TTG (IN) | | U A | | | | | | |
| WinTech ; Monett, MO | | | | | | | | | | | |
| 6433 | COMP+CAN | 1/8 | 3.0 TTG (MC) | | U A | | | | | | |
| 6434 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | | | | | | |
| Wisconsin Shower Door & Supply Corp ; Menomonee Falls, WI | | | | | | | | | | | |
| 5585 | COMPOSITE | 1/8 | 3.0 TTG (MC) | | U A | | | | | | |
| 5587 | COMPOSITE | 3/16 | 5.0 TTG (MC) | | U A | | | | | | |
| 5588 | COMPOSITE | 1/4 | 6.0 TTG | | U A | | | | | | |
| 5589 | COMPOSITE | 3/8 | 10.0 TTG | | U A | | | | | | |
| 5590 | COMPOSITE | 1/2 | 12.0 TTG (MC) | | U A | | | | | | |
| 5592 | COMPOSITE | 1/8 | 3.0 TPG (s) | | U A | | | | | | |
| 5594 | COMPOSITE | 3/16 | 5.0 TPG (s) | | U A | | | | | | |
| 5595 | COMPOSITE | 1/4 | 6.0 TPG (m) | | U A | | | | | | |
| 5596 | COMPOSITE | 3/8 | 10.0 TPG (m) | | U A | | | | | | |
| 5597 | COMPOSITE | 1/2 | 12.0 TPG (m) | | U A | | | | | | |
| W-M Glass sp. zo.o. ; Bartoszyce, Poland | | | | | | | | | | | |
| 9016 | COMP+CAN | (H) | 10 LTG (ev)(A) | (.030) | U A | | | | | | |
| WMB Windows Inc. ; Ontario, CA | | | | | | | | | | | |
| 8842 | COMP+CAN | 5/32 | 4.0 TTG (MC) | | U A | | | | | | |
| 8843 | COMP+CAN | 5/32 | 4.0 TPG (s) | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI | SGCC# | TEST STD | INCHES (MM) | TYPE | MAX SIZE CERTIFIED CLASS | ANSI |
|---|-----------|-------------------|--------------------|--------------------------|------|---|-----------|-------------------|-------------------|--------------------------|------|
| | | (THICKNESS CLASS) | | | | | | (THICKNESS CLASS) | | | |
| Xianning CSG Energy Conservation Glass Co., LTD. ; Xianning, Hubei | | | | | | Yao Xiang Glass Product Co. Ltd. ; Foshan, Guangdong Province | | | | | |
| 5979 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 3736 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 6004 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 3737 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6005 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 3738 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 5980 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 3739 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 5981 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 3740 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 5982 | COMP+CAN | * | 15.0 TTG (4) | | U A | 3741 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| 5983 | COMP+CAN | 3/4 | 19.0 TTG | | U A | 3742 | COMP+CAN | 3/16 | 5.0 TBG | | U A |
| 7867 | COMP+CAN | (H) | 10 LTG (b)(T) | (.030) | U A | 3743 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| Xinyi Glass (Tianjin) Co. Ltd. ; Wuqing District, Tianjin | | | | | | Yildiz Cam San. Tic. A.S. ; Kartepe, Kocaeli | | | | | |
| 5532 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 8677 | COMPOSITE | 1/4 | 6.0 TTG (MC) | | U A |
| 5533 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 8678 | COMPOSITE | 5/16 | 8.0 TTG (MC) | | U A |
| 5534 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 7923 | COMPOSITE | 3/8 | 10.0 TTG (MC) | | U A |
| 5535 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 7924 | COMPOSITE | 1/2 | 12.0 TTG (3) | | U A |
| 5536 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A | 8680 | COMPOSITE | * | 15.0 TTG (4) | | U A |
| 6329 | COMP+CAN | * | 15.0 TTG (4)(MC) | | U A | 7925 | COMPOSITE | (H) | 8-16+ LTG (b)(A) | (.030) | U A |
| 5538 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 8768 | COMPOSITE | (H) | 8-16+ LTG (ip)(A) | (.035) | U A |
| 5539 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | Yin Fu (Dong Guan) Glass Co., Ltd. ; Dongguan, Guangdong Province | | | | | |
| Xinyi Glass (Yingkou) Co., Ltd. ; Yingkou, Liaoning | | | | | | 9018 | COMP+CAN | 1/8 | 3.0 TTG | | U A |
| 6848 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 9019 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 6849 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | 9020 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 6850 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 9021 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 6851 | COMP+CAN | 1/2 | 12.0 TTG (MC) | | U A | 9022 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 7373 | COMP+CAN | (S) | 6 LTG (b)(A) | (.015) | U B | 9023 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 6852 | COMP+CAN | (S) | 6 LTG (b)(A) | (.030) | U A | 9024 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| 7841 | COMP+CAN | (H) | 8-12 LTG (b)(A) | (.015) | U B | 9025 | COMP+CAN | 5/32 | 4.0 TPG (m) | | U A |
| 7842 | COMP+CAN | (H) | 8-16+ LTG (ip)(A) | (.035) | U A | 9026 | COMP+CAN | 1/4 | 6.0 TPG (s) | | U A |
| 6853 | COMP+CAN | (H) | 8-16+ LTG (b)(A) | (.030) | U A | 9112 | COMP+CAN | 3/8 | 10.0 TPG (s) | | U A |
| Xinyi Group (Glass) Co., Ltd. ; Dongguan, Guangdong Province | | | | | | 9027 | COMP+CAN | 3/16 | 5.0 TBG | | U A |
| 3085 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | U A | 9028 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| 3053 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | U A | 9029 | COMP+CAN | 5/16 | 8.0 TBG | | U A |
| 4648 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | U A | Yitian (Cattis) Glass Product Co., Ltd ; Foshan, Guangdong Province | | | | | |
| 3054 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | U A | 6453 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 3055 | COMP+CAN | * | 12.0 TTG (4)(MC) | | U A | 6454 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 4179 | COMP+CAN | * | 15.0 TTG (4)(MC) | | U A | 6455 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| 3489 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | U A | 8528 | COMP+CAN | * | 12.0 TTG (3) | | U A |
| Yakut Cam A.S ; Sancaktepe, Istanbul | | | | | | Yong Feng Tai Foshan City Glass Co., LTD. ; Foshan, Guangdong Province | | | | | |
| 7957 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 6877 | COMP+CAN | 5/32 | 4.0 TTG | | U A |
| 7958 | COMP+CAN | 5/16 | 8.0 TTG | | U A | 5890 | COMP+CAN | 3/16 | 5.0 TTG | | U A |
| 7959 | COMP+CAN | 3/8 | 10.0 TTG | | U A | 5891 | COMP+CAN | 1/4 | 6.0 TTG | | U A |
| 7960 | COMP+CAN | 1/2 | 12.0 TTG | | U A | 5892 | COMP+CAN | 5/16 | 8.0 TTG | | U A |
| 8092 | COMP+CAN | (H) | 10-16+ LTG (b)(HS) | (.030) | U A | 5893 | COMP+CAN | 3/8 | 10.0 TTG | | U A |
| Yantai Bluesky Glass Co., Ltd ; Yantai, Shandong | | | | | | 8789 | COMP+CAN | 1/2 | 12.0 TTG | | U A |
| 8288 | COMPOSITE | 5/32 | 4.0 TTG | | U A | 7066 | COMP+CAN | 3/16 | 5.0 TBG | | U A |
| 8289 | COMPOSITE | 1/4 | 6.0 TTG | | U A | 5894 | COMP+CAN | 1/4 | 6.0 TBG | | U A |
| 8290 | COMPOSITE | 3/8 | 10.0 TTG | | U A | 6879 | COMP+CAN | 5/16 | 8.0 TBG | | U A |
| Yantai Dongfang Glass Co., Ltd ; Yantai, Shandong | | | | | | Yorglass Cam Sanayi Ve Ticaret A.S. ; Yunusemre, Manisa | | | | | |
| 8234 | COMP+CAN | 3/16 | 5.0 TTG | | U A | 8408 | COMPOSITE | 1/8 | 3.0 TTG | | U A |
| 8235 | COMP+CAN | 1/4 | 6.0 TTG | | U A | 8409 | COMPOSITE | 5/32 | 4.0 TTG | | U A |
| 8236 | COMP+CAN | 3/8 | 10.0 TTG | | U A | | | | | | |

Certified Products-Alphabetical By Plant

| <i>SGCC#</i> | <i>TEST STD</i> | <i>INCHES (MM)</i> | <i>TYPE</i> | <i>MAX SIZE ANSI CERTIFIED CLASS</i> | <i>SGCC#</i> | <i>TEST STD</i> | <i>INCHES (MM)</i> | <i>TYPE</i> | <i>MAX SIZE ANSI CERTIFIED CLASS</i> |
|---|-----------------|--------------------------|-------------------|--------------------------------------|--------------|-----------------|--------------------------|-------------|--------------------------------------|
| | | <i>(THICKNESS CLASS)</i> | | | | | <i>(THICKNESS CLASS)</i> | | |
| Zhangjiagang City Daming Glass Product Co., Ltd ; Suzhou, Jiangsu | | | | | | | | | |
| 5465 | COMP+CAN | 3/8 | 10.0 TTG | | | | | | U A |
| 5466 | COMP+CAN | 1/2 | 12.0 TTG | | | | | | U A |
| 7048 | COMP+CAN | (H) | 8-10 LTG (ip)(A) | (.035) | | | | | U A |
| Zhangjiagang Weiyu Fabricated Glassware Co. Ltd. ; Suzhou, Jiangsu | | | | | | | | | |
| 5737 | COMP+CAN | 1/8 | 3.0 TTG | | | | | | U A |
| 5738 | COMP+CAN | 5/32 | 4.0 TTG | | | | | | U A |
| Zhaoqing CSG Energy Conservation Glass Co., Ltd ; Zhaoqing, Guangdong Province | | | | | | | | | |
| 8563 | COMP+CAN | 1/4 | 6.0 TTG | | | | | | U A |
| 8564 | COMP+CAN | 5/16 | 8.0 TTG | | | | | | U A |
| 8565 | COMP+CAN | 3/8 | 10.0 TTG | | | | | | U A |
| 8566 | COMP+CAN | * | 12.0 TTG (4) | | | | | | U A |
| 8567 | COMP+CAN | (H) | 10-16+ LTG (b)(A) | (.030) | | | | | U A |
| Zhejiang Jinchen Glass Co., Ltd. ; Huzhou, Zhejiang | | | | | | | | | |
| 6676 | COMP+CAN | 1/8 | 3.0 TTG | | | | | | U A |
| 8209 | COMP+CAN | 5/32 | 4.0 TTG | | | | | | U A |
| 8205 | COMP+CAN | 5/32 | 4.0 TBG | | | | | | U A |
| 8206 | COMP+CAN | 3/16 | 5.0 TBG | | | | | | U A |
| Zhejiang Pusaisi Intelligent Glass Co., LTD ; Shaoxing City, Zhejiang | | | | | | | | | |
| 8666 | COMP+CAN | 5/32 | 4.0 TTG | | | | | | U A |
| 8667 | COMP+CAN | 1/4 | 6.0 TTG | | | | | | U A |
| 9123 | COMP+CAN | 5/16 | 8.0 TTG | | | | | | U A |
| 8668 | COMP+CAN | 3/8 | 10.0 TTG | | | | | | U A |
| 8669 | COMP+CAN | 1/4 | 6.0 TPG (s) | | | | | | U A |
| Zhongli Glass Co., Ltd ; Huzhou, Zhejiang | | | | | | | | | |
| 8495 | COMP+CAN | 3/16 | 5.0 TTG (MC) | | | | | | U A |
| 8496 | COMP+CAN | 1/4 | 6.0 TTG (MC) | | | | | | U A |
| 8497 | COMP+CAN | 5/16 | 8.0 TTG (MC) | | | | | | U A |
| 8498 | COMP+CAN | 3/8 | 10.0 TTG (MC) | | | | | | U A |
| 8499 | COMP+CAN | (H) | 10 LTG (b)(A) | (.030) | | | | | U A |
| Zhongshan Walle Glass Product Co., Ltd ; Zhongshan, Guangdong Province | | | | | | | | | |
| 8142 | COMPOSITE | 1/4 | 6.0 TTG | | | | | | U A |
| 8143 | COMPOSITE | 5/16 | 8.0 TTG | | | | | | U A |
| 8144 | COMPOSITE | 3/8 | 10.0 TTG | | | | | | U A |

CERTIFIED PRODUCTS KEY

Glass Product Type Codes

| | |
|------|--|
| TTG | TEMPERED TRANSPARENT GLASS |
| TPG | TEMPERED PATTERNED GLASS |
| TBG | TEMPERED BENT GLASS |
| TBP | TEMPERED BENT PATTERNED GLASS |
| LTG | LAMINATED TRANSPARENT GLASS |
| LSP | LAMINATED SPECIALTY PRODUCTS |
| OCG | ORGANIC COATED GLASS |
| OCH | ORGANIC COATED GLASS HYBRID |
| SPS | SAFETY PLASTIC SHEET |
| VIGT | VACUUM INSULATING GLASS TEMPERED |
| VIGL | VACUUM INSULATING GLASS LAMINATED |
| VITL | VACUUM INSULATING GLASS TEMPERED LAMINATED |
| CSSG | CHEMICALLY STRENGTHENED SAFETY GLASS |

Pattern Glass Attribute Codes

| | |
|-----|-----------------|
| (s) | SHALLOW PATTERN |
| (m) | MEDIUM PATTERN |
| (d) | DEEP PATTERN |

Miscellaneous Codes

| | |
|------|---|
| (IN) | INACTIVE (Products bearing this designation have executed a Test Release Bond waiving testing for this certification period due to inactive production) |
|------|---|

Glass Standard Attribute Codes

| | |
|------|---|
| U | UNLIMITED SIZE CATEGORY |
| A | ANSI STANDARD - DROP HEIGHT CLASS - 48 INCH DROP |
| B | ANSI STANDARD - DROP HEIGHT CLASS - 18 INCH DROP |
| MC | METALIZED COATED |
| (2) | CONFORMS TO EN 572-7 THICKNESS TOLERANCES FOR BENT/CHANNEL GLASS |
| (3) | CONFORMS TO EN 572-2 THICKNESS TOLERANCES FOR TEMPERED GLASS |
| (4) | CONFORMS TO EN 12150 THICKNESS TOLERANCES FOR TEMPERED GLASS |
| (5) | CONFORMS TO EN 572-5 THICKNESS TOLERANCES FOR PATTERNED GLASS |
| (6) | INDOOR USE ONLY |
| (7) | CONFORMS TO JIS 3202:2011 THICKNESS TOLERANCES FOR TEMPERED GLASS |
| (c1) | CPSC CAT 1 ONLY |
| (*) | INDICATES EN STANDARD THICKNESS TOLERANCE |

Laminated Glass Attribute Codes

| | |
|-------|--|
| (S) | STANDARD THICKNESS CLASS FOR LAMINATED GLASS |
| (H) | HEAVY THICKNESS CLASS FOR LAMINATED GLASS |
| (A) | ANNEALED |
| (HS) | HEAT STRENGTHENED |
| (T) | TEMPERED |
| (CS) | CHEMICALLY STRENGTHENED |
| (b) | POLY VINYL BUTRAL INTERLAYER |
| (el) | EPOXY LIQUID CRYSTAL POLYMER |
| (ip) | IONOMER |
| (lc) | LIQUID RESIN - MULTI COMPONENT |
| (lu) | LIQUID RESIN - UV CURE |
| (p) | POLYETHYLENE TEREPHTHALATE |
| (f) | FLUORINATED ETHYLENE PROPYLENE INTERLAYER |
| (u) | POLYURETHANE |
| (ev) | ETHYLENE-VINYL ACETATE |
| (PRO) | PROPRIETARY (CONTACT SGCC MANUFACTURER) |

Classified Tempered Glass Patterns Key (SD-100)

S (Shallow)

M (Medium)

D (Deep)

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

*Indicates EN Standard Thickness Tolerance

| Pattern Name | Manufacturer | Thickness & Pattern Depth | | | | | | | | | | | | |
|-------------------|------------------|---------------------------|------|------|------|------|------|-----|-----|------|-----|-----|-----|-----|
| | | inches | 1/8 | 5/32 | 3/16 | n/a | 7/32 | 1/4 | n/a | 5/16 | 3/8 | 1/2 | 5/8 | 3/4 |
| | | mm | 3 | 4 | 5 | 0.21 | 5.5 | 6 | 7 | 8 | 10 | 12 | 16 | 19 |
| Abstracto | Saint Gobain | | | D | | | | | | | | | | |
| Altdeutsch F | Saint Gobain | | | S | | | | | | | | | | |
| Altdeutsch K | Saint Gobain | | | S | | | | | | | | | | |
| Antique | Saint Gobain | | | S | | | | | | | | | | |
| Aqua | AGC | S | S | S | | | S | | | | | | | |
| Aqualite | Qingdao Jinjing | | | | | | | S | | | | | | |
| Aquatex | AGC | S | S | S | S | S | S | | | | | | | |
| Aqui | AGC | S | S | S | | | | S | | | S | | | |
| Arctic* | Pilkington | | | D | | | | | | | | | | |
| Arena C/SR Arena | Saint Gobain | S | S | S | | | | S | | | | | | |
| Austral* | Pilkington | | | D | | | | | | | | | | |
| Autumn | Saint Gobain | | | | | | | S | | | | | | |
| Autumn* | Pilkington | | | M | | | | X | | | | | | |
| Bamboo | AGC | | | | D | | | | | | | | | |
| Bamboo | Guardian | | | | | | | | | | S | | | |
| Bamboo | Shixing | | | | M | | | S | | | | | | |
| Bamboo | Kibing | | | D | | | | | | | | | | |
| Bubble | Guardian | S | S | S | | | S | S | | | S | | | |
| Cascade | AGC | | | | | S | S | | | | | | | |
| Cast | Saint Gobain | | | | | | | | | | S | | | |
| Chantilly* | Pilkington | | | S | | | | | | | | | | |
| Charcoal Sticks* | Pilkington | | | S | | | | | | | | | | |
| Chinchilla | AGC | | | | S | S | S | | | | | | | |
| Citrus | AGC | S | S | S | | | | | | | | | | |
| Contora* | Pilkington | | | S | | | | | | | | | | |
| Cotswold* | Pilkington | | | M | | | | X | | | | | | |
| Cross Reeded | AGC | | | D | | | | M | | | | | | |
| Delta | AGC | | | D | | | | M | | | | | | |
| Digital* | Pilkington | | | | | | | | | | | | | |
| Esto | Guardian | | | | | | | M | | | M | M | | |
| Estriado/SR Estr | Saint Gobain | | | M | | | | M | | | | | | |
| Etre | Guardian | | | S | | | | S | | | S | S | | |
| Everglade* | Pilkington | | | M | | | | X | | | | | | |
| Flax | AGC | M | M, S | S | S | S | S | | | | | | | |
| Flemish* | Pilkington | | | S | | | | M | | | | | | |
| Floralite | Guardian | | | M | | | | | | | | | | |
| Florex | AGC | M | M | | | | | | | | | | | |
| Florielle* | Pilkington | | | S | | | | | | | | | | |
| Fluted | Shandong Jinjing | | | | | | | D | | M | S | | | |
| Fluted | Qingdao Jinjing | | | | | | | M | | | | | | |
| Flutes | AGC | | | M | D | | | D | | | | | | |
| Flutex | AGC | | | | D | | | | | | M | | | |
| Glacier | AGC | M | M | D | | | | D | | | M | | | |
| Gluechip | Guardian | M | M | M | | | M | M | | | S | | | |
| 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 | 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 | | | | | | | | | | | | |

| Pattern Name | Manufacturer | Thickness & Pattern Depth | | | | | | | | | | | |
|-----------------|-----------------|---------------------------|-----|------|------|-----|------|-----|-----|------|-----|-----|-----|
| | | inches | 1/8 | 5/32 | 3/16 | n/a | 7/32 | 1/4 | n/a | 5/16 | 3/8 | 1/2 | 5/8 |
| mm | | 3 | 4 | 5 | 0.21 | 5.5 | 6 | 7 | 8 | 10 | 12 | 16 | 19 |
| Listral A | Saint Gobain | | S | | | | | | | | | | |
| Listral D | Saint Gobain | | M | | | | | | | | | | |
| Listral F | Saint Gobain | | M | | | | | | | | | | |
| Listral K | Saint Gobain | | S | | | | | | | | | | |
| Listral M | Saint Gobain | | D | | | | | | | | | | |
| Lozenge | Pilkington | | | D | | | | | | | | | |
| Madera | Saint Gobain | | D | | | | | | | | | | |
| Maris | Saint Gobain | | M | | | | | | | | | | |
| Master-Carre | Saint Gobain | | M | | | | | | | | | | |
| Master-Carre | Saint Gobain | | M | | | | M | | M | M | | | |
| Master-Lens w | Saint Gobain | | D | | | | D | | D | | | | |
| Master-Ligne | Saint Gobain | | M | | | | M | | M | | | | |
| Master-Point | Saint Gobain | | M | | | | M | | M | | | | |
| Master-Ray | Saint Gobain | | D | | | | D | | D | | | | |
| Master-Shine | Saint Gobain | | M | | | | M | | M | M | | | |
| Mayflower* | Pilkington | | S | | | | | | | | | | |
| Minster* | Pilkington | | S | | | | | | | | | | |
| Mistlite | Qingdao Jinjing | | S | S | | | S | | | | | | |
| Monumental M | Saint Gobain | | D | | | | | | | | | | |
| Monumental S | Saint Gobain | | M | | | | | | | | | | |
| Morisco* | Pilkington | | M | | | | | | | | | | |
| Niagara | Guardian | D | M | M | | M | M | | | S | M | | |
| Oak* | Pilkington | | S | | | | | | | | | | |
| Oceanic | Qingdao Jinjing | | D | | | | | | | | | | |
| 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 | | | M | | | |
| Pelerine* | Pilkington | | S | | | | | | | | | | |
| Pinhead | Taiwan Glass | S | | S | | | | | | S | | | |
| Pixels | AGC | | M | | | | | | | | | | |
| Rain | AGC | M | M | M | | | M | | S | S | | | |
| Rattan* | Pilkington | M | | | | | | | | | | | |
| Rayado* | Pilkington | | | S | | | | | | | | | |
| Reed | Saint Gobain | | | | | | M | | | | | | |
| Reeded* | Pilkington | | D | M | | | M | | | | | | |
| Sahara | Saint Gobain | | S | | | | | | | | | | |
| Sateen | Skyline Design | | S | | | | S | | S | S | S | S | S |
| Seashell | AGC | | | M | | M | | | | | | | |
| Serenity | AGC | S | S | S | | | S | | | | | | |
| Silvit | Saint Gobain | | D | | | | | | D | D | | | |
| Skytex | AGC | | | | S | | | | | | | | |
| Solatex | AGC | S | S | S | | | | | | | | | |
| Solite | AGC | S | S | S | | | | | | | | | |
| Sparkel* | Pilkington | | D | | | | | | | | | | |
| Spotlyte | Saint Gobain | | D | | | | | | | | | | |
| Spraylite | Guardian | S | S | S | S | S | S | | | S | S | | |
| SR Listral L | Saint Gobain | | | | | | S | | S | S | | | |
| Stippolite* | Pilkington | | S | | | | X | | | X | | | |
| Storm | AGC | | S | S | | | S | | | S | | | |
| Sunadex | AGC | | | S | | | | | | | | | |
| Sycamore* | Pilkington | | S | | | | X | | | | | | |
| Taffeta* | Pilkington | | S | | | | | | | | | | |
| Tetra | Guardian | | M | | | | | | | | | | |
| Textured Flutex | AGC | | | D | | | D | | | M | | | |
| Thela | Saint Gobain | | S | | | | S | S | | | | | |
| Velvex | AGC | S | S | S | S | S | | | | | | | |
| Wired Listral | Saint Gobain | | | | | | S | | | | | | |
| Wired Waterdrop | Saint Gobain | | | | | | | M | | | | | |
| Waterdrop | Saint Gobain | | M | | | | | | | | | | |
| Yacare* | Pilkington | | M | | | | | | | | | | |
| Zefiro Weiss | Saint Gobain | | M | | | | | | | | | | |

SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)

In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data.

L1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).

*All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data. **All Indoor use only products must submit Indoor Use Only Weathering requirements to ANSI Z97.1-2015 by 12/31/2016 to maintain approval on this list. Interlayer suppliers not providing weathering data to SGCC by 12/31/16, will no longer be available for manufacturers to use in SGCC certified products. (7/1/16)***

| Generic Code & Description | | | | | | |
|--|-----------------------------------|--|--|---|---------------------------------|-------------------------|
| (b) Polyvinyl Butyral | (lu) Liquid Resin - UV Cure | (f) Fluorinated Ethylene Propylene | (lc) Liquid Resin-Multi Component | (p) Polyethylene Terephthalate | (ev) Ethylene-Vinyl Acetate | |
| (ip) Ionoplast | (el) Epoxy-Liquid Crystal Polymer | (u) Polyurethane | (su) Solid resin UV cure | (PRO) Proprietary | | |
| Generic Code | Description | Supplier | Interlayer Brand | Interlayer Formulations | Min. Interlayer Thickness (in.) | Weathering Data on file |
| (b) | Polyvinyl Butyral | Eastman Chemical Company | Saflex IIIIG/Vanceva | Series A, C, D, F, H, M, N, P, R, S, W | (0.030) | ✓ |
| | | Eastman Chemical Company | Saflex Specialty | Saflex Q, AG, DB/DS | (0.030) | ✓ |
| | | Eastman Chemical Company | Saflex Composite | Saflex V, K series | (0.030) | ✓ |
| | | Eastman Chemical Company | Saflex FlySafe 3D | | (0.060) | ✓ |
| | | Kuraray | Trosifol Clear & Decorative | Clear (B200&B500), UltraClear, XT UltraClear, HR (HR100), UV ExtraProtect (EP), Natural UV(NUV), BirdSecure Pro, Brilliant Colors/Tints | (0.015) | ✓ |
| | | Kuraray | Trosifol Specialties | SentryGlas Expressions, Extra Stiff (ES), SC Monolayer (B100), Solar R40 (B900) | (0.030) | ✓ |
| | | Chang Chun | Winlite | | (0.015) | ✓ |
| | | Sekisui S-Lec | Sekisui S-LEC Film & Sekisui S-LEC Acoustic Film | | (0.030) | ✓ |
| | | Everlam N.V. | EVERLAM™ | NC0, LAM50, LCM50 | (0.015) | ✓ |
| | | Everlam N.V. | EVERLAM™ SUPER TOUGH | LAM72T | (0.030) | ✓ |
| | | Kingboard (FO Gang) Specialty Resins Ltd. | Kingboard | | (0.015) | ✓ |
| | | Anhui Wanwei Bisheng Co., Ltd. | Bisn© | | (0.030) | ✓ |
| | | Gutmann PVB Plastic Sheets Manufacturing LLC | Gutmann PVB | Clear | (0.030) | ✓ |
| Zhejiang Decent New Material Co., Ltd. | Architectural PVB | | (0.030) | ✓ | | |
| (u) | Polyurethane | SWM International | ArgoBond® | ST-6050 | (0.050) | ✓ |
| (ip) | Ionoplast | Kuraray | Trosifol SentryGlas®, SentryGlas® BirdSecure Pro | | (0.035) | ✓ |
| | | Kuraray | Trosifol SentryGlas® Xtra™ | | (0.035) | ✓ |
| | | China E&N Film Technology | ENsafe-MG | | (0.030) | ✓ |
| | | Fujian Meidi Plastic Technology Co., Ltd. | R-SGP | | (0.060) | ✓ |
| (lu) | Liquid Resin - UV Cure | Bestroom Co. Ltd. | UVLAM | | (0.040) | ✓ |
| | | H.B. Fuller- Kommerling | Kodilan GS-LED | | (0.040) | ✓ |
| | | ALLNEX | UVEKOL | | (0.040) | ✓ |
| (ev) | Ethylene-Vinyl Acetate | Interlayer Solutions, inc. | EVALAYER | | (0.015) | ✓ |

SGCC LIST OF ACCEPTED INTERLAYERS (SD-099)

In order for a laminated glass product to become or remain SGCC Certified, the interlayer used by the manufacturer must be on this list. All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data.

L1 Certification to one brand within the generic category will allow switching to other brands within the generic category on the list (see Laminated Glass Equivalency - Table L1 for guidance with Change Categories, Equivalent/Not Equivalent Changes in accepted interlayers).

*All interlayers must have weathering test data on file. Outdoor use may be tested to ANSI Z97.1-2009 or 2015 and Indoor use only must be tested to ANSI Z97.1-2015 weathering data. **All Indoor use only products must submit Indoor Use Only Weathering requirements to ANSI Z97.1-2015 by 12/31/2016 to maintain approval on this list. Interlayer suppliers not providing weathering data to SGCC by 12/31/16, will no longer be available for manufacturers to use in SGCC certified products. (7/1/16)***

| Generic Code & Description | | | | | | |
|----------------------------|---|---------------------------------------|--|--------------------------------|---------------------------------|-------------------------|
| (b) Polyvinyl Butyral | (lu) Liquid Resin - UV Cure | (f) Fluorinated Ethylene Propylene | (lc) Liquid Resin-Multi Component | (p) Polyethylene Terephthalate | (ev) Ethylene-Vinyl Acetate | |
| (ip) Ionoplast | (el) Epoxy-Liquid Crystal Polymer | (u) Polyurethane | (su) Solid resin UV cure | (PRO) Proprietary | | |
| Generic Code | Description | Supplier | Interlayer Brand | Interlayer Formulations | Min. Interlayer Thickness (in.) | Weathering Data on file |
| (ev) | (Continued) | Folienwerk Wolfen GmbH | Evguard® - UV380, Polar White, Milky White | | (0.015) | ✓ |
| | | Hornos Industriales Pujol, S.A. | EVALAM Crystal | | (0.015) | ✓ |
| | | Hornos Industriales Pujol, S.A. | EVALAM Visual | | (0.015) | ✓ |
| | | RCN Solution SRL | REVA BF | | (0.015) | ✓ |
| | | IGE Supply Solutions, Inc. | Shenzhen Gaoren Electronic New Material Co.,Ltd - ASQ1X Extra Clear EVA Film | | (0.015) | ✓ |
| | | SWM International | ArgoBond® | SE-381TF | (0.030) | ✓ |
| | | Satinal SPA | Strato | | (0.015) | ✓ |
| | | Shanghai HIUV New Materials Co., Ltd. | HIUV-PVE | | (0.015) | ✓ |
| (ev)(p) | Ethylene-Vinyl Acetate / Polyethylene Terephthalate | Folienwerk Wolfen GmbH | Evguard®+ MPE | | (.015)(.008)(.015) | ✓ |
| (el)(p) | Epoxy-Liquid Crystal Polymer / Polyethylene Terephthalate | Polytronix, Inc. | Polyvision Film | | (0.075) | ✓ |
| (su) | Solid resin UV cure | Seory Materials Corp | Seory Interlayer | | (0.030) | ✓ |

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

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

| California | Georgia |
|---|---|
| <p>125 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 2524 East Jensen Ave.; Fresno, CA 93706 Attn: Kenny White, Mr. Joshua Lannum, Mr. Tyler Westerling, Ms. Marisela Saavedra, Ms. Shannon Stein Phone: (559) 233-8705 Fax: (559) 233-8360 Email: kenny.white@intertek.com, joshua.lannum@intertek.com, Tyler.Westerling@Intertek.com, Marisela.Saavedra@Intertek.com, Shannon.Stein@Intertek.com</p> | <p>165 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1701 Westfork Dr., Suite 106; Lithia Springs, GA 30122 Attn: Mr. Brock, Austin Viness, Mr. Clyde Warren, Daniel Carroll, Ms. Andrea Torrey Phone: (770) 941-6916 Fax: (770) 941-2930 Email: austin.viness@intertek.com, clyde.warren@intertek.com, daniel.carroll@intertek.com, andrea.torrey@intertek.com</p> |
| | Iowa |
| <p>250 - Construction Consulting Laboratory Inc. Construction Consulting Laboratory Inc., Western Division, 4751 W State St Ste B; Ontario, CA 91762 Attn: Mr. Jack Jackson, Mr. Chad Jackson, Ms. Cheyenne Jackson Phone: (909) 591-1789 Fax: (909) 627-9020 Email: Jack@ccl-west.com, chad@ccl-west.com, cheyenne@ccl-west.com</p> | <p>500 - Element Materials Technology Des Moines Element Materials Technology Des Moines, 3922 Delaware Avenue; Des Moines, IA 50313 Attn: Austin Heiselman, Adam Scarlett, Brian Escherich, Ms. Amy Suedmeier Phone: (515) 266-5101 Fax: (505) 262-1910 Email: austin.heiselman@element.com, adam.scarlett@element.com, brian.escherich@element.com, amy.suedmeier@element.com</p> |
| Florida | Minnesota |
| <p>75 - Blackwater Technical Services, Inc. Blackwater Technical Services, Inc., 7341 Westport Place, Suite 1A; West Palm Beach, FL Attn: Mr. Michael Caldwell, Mr. Wyatt Sherman Phone: (561) 508-2830 Fax: (888) 704-4084 Email: mikecaldwell@blackwatertesting.com, wsherman@blackwatertesting.com</p> | <p>150 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 40 51st Way NE Suite 100; Fridley, MN Attn: Mr. Lukas Bayer, Mr. Eric Schoenthaler, Ms. Wendy Allison Phone: (651) 636-3835 Fax: (651) 636-3843 Email: lukas.bayer@intertek.com, eric.schoenthaler@intertek.com, Wendy.Allison@intertek.com</p> |
| <p>285 - QAI Laboratories, Inc. QAI Laboratories, Inc., 8148 NW 74th Avenue; Medley, FL 33166 Attn: Jose Sanchez, Mr. Luis Sanchez, Sarah Hernandez Phone: (305) 885-3328 Fax: (305) 885-3329 Email: jsanchez@qai.org, lsanchez@qai.org, shernandez@qai.org</p> | New York |
| <p>850 - PRI Construction Materials Technologies PRI Construction Materials Technologies, 6412 Badger Dr; Tampa, FL 33610 Attn: Mr. Brad Grzybowski, Tim Efaw Phone: (813) 621-5777 Fax: (813) 621-5840 Email: brad.grzybowski@pri-group.com, tim.efaw@pri-group.com</p> | <p>400 - Intertek Intertek, 75 Clinton Avenue; Cortland, NY 13045 Attn: Mr. Russell Mantey, Mr. Byron Horak, Mr. Ken Morgan, Ms. Pam Springer Phone: (607) 758-6687 Fax: (607) 758-6666 Email: russell.mantey@intertek.com, byron.horak@intertek.com, ken.morgan@intertek.com, pam.springer@intertek.com</p> |

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

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

| Ohio | Washington | |
|--|---|------------------|
| <p>200 - Bowser-Morner Inc. Bowser-Morner Inc., 4518 Taylorsville Rd; Dayton, OH 45424 Attn: Vicki Appora Phone: (937) 236-8805 Fax: (937) 237-9947 Email: vappora@bowser-morner.com</p> | <p>195 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 22155 68th Ave. South; Kent, WA 98032-1937 Attn: Mr. Dauda Sanoh, Ms. Rachel Pankaskie Phone: (253) 395-5656 Fax: (717) 764-4129 Email: dauda.sanoh@intertek.com, rachel.pankaskie@intertek.com</p> | |
| Pennsylvania | Canada | |
| <p>100 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 130 Derry Court; York, PA 17406-9405 Attn: Mr. Todd Wilt, Mr. Chad Peterman, Mr. Thomas Mickley Phone: (717) 764-7700 Fax: (717) 764-4129 Email: todd.wilt@intertek.com, chad.peterman@intertek.com, tom.mickley@intertek.com</p> | Ontario | |
| <p>103 - Architectural Testing Inc. (an Intertek Co.) Architectural Testing Inc. (an Intertek Co.), 850 Poplar Street; Pittsburgh, PA 15220 Attn: Mr. Steve Shank, Mr. Matthew Hollinger, Mr. Daniel Vasko, Mr. Jordan Hammell Phone: (724) 275-7100 Fax: Email: Stephen.Shank@Intertek.com, matthew.hollinger@intertek.com, daniel.vasko@intertek.com , Jordan.hammell@intertek.com</p> | <p>450 - Intertek Testing Services NA, Ltd. Intertek Testing Services NA, Ltd., 6225 Kenway Dr.; Mississauga, ON L5T 2L3 Attn: Mr. Igor Radovic, Mr. Tyrone Williams, Mr. Abdul Shahnawaz, Mr. Matheo Iturralde Rodriguez, Mr. Nahom Resom Phone: (905) 678-7820 Fax: Email: igor.radovic@intertek.com, tyrone.williams@intertek.com, abdul.shahnawaz@intertek.com, matheo.rodriguez@intertek.com, nahom.resom@intertek.com</p> | |
| <p>911 - Molimo, LLC. Molimo, LLC., 1410 Eden Road; York, PA 17402 Attn: Mr. Lance Cunningham, Denise Osman Phone: (717) 916-6300 Fax: (717) 318-5788 Email: lcunningham@molimo.com, dosman@molimo.com</p> | Canada | |
| <th align="center">Texas</th> <th align="center">British Columbia</th> | Texas | British Columbia |
| <p>175 - Architectural Testing Inc. (an Intertek Company) Architectural Testing Inc. (an Intertek Company), 1909 10th Street, Suite 100; Plano, TX 75074-8009 Attn: Mr. Jacob MacMaster, Mr. Jeff Crump, Cassandra Matthews Phone: (469) 814-0687 Fax: Email: Jacob.MacMaster@intertek.com, jeffrey.crump@intertek.com, cassandra.matthews@intertek.com</p> | <p>950 - Intertek Intertek, 1500 Brigantine Dr. ; Coquitlam, BC V3K 7C1 Attn: Baldeep Sandhu, Mr. Chris Chang Phone: (604) 520-3321 Fax: Email: baldeep.sandhu@intertek.com, chris.e.chang@intertek.com</p> | |