US Glass METAL & GLAZING™
THE MAGAZINE OF RECORD FOR ARCHITECTURAL GLASS INDUSTRY LEADERS

Volume 55
Issue 12
December 2020

2021 BUYERS' GUIDE

ALSO INSIDE:
Announcing the Readers' Choice Award Winners

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USGlass METAL & GLAZING

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ON THE COVER

The Sphere Building of the Academy Museum of Motion Pictures in Los Angeles features a glass dome constructed with 1,500 lites of glass in 146 different sizes and shapes. The glass was supplied by Saint-Gobain from Austria and installed by Josef Gartner, a division of Permasteelisa North America Corp.

Turn to page 36 to read more.

Photo by Joshua White/JW Pictures, ©Academy Museum Foundation.

CINEMATIC GREATNESS

Learn more about the aesthetic and technical merits of the steel and glass dome that tops the newly completed Sphere Building, part of the Academy Museum of Motion Pictures.

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PUTTING ON A FAÇADE

Due to the structural differences between curtainwall and window wall systems, there are several installation and design considerations contract glaziers need to keep in mind.

Photo: Patrick Coulie Architectural Photography

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ECONOMIC REALITY

Dodge Data & Analytics chief economist Richard Branch provides a look at construction starts and where several construction segments stand in terms of recovery.

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READER RECOGNITION

From metal to machinery, to glass and more, find out which products were the winners in this year's **USG**lass Readers' Choice Awards.

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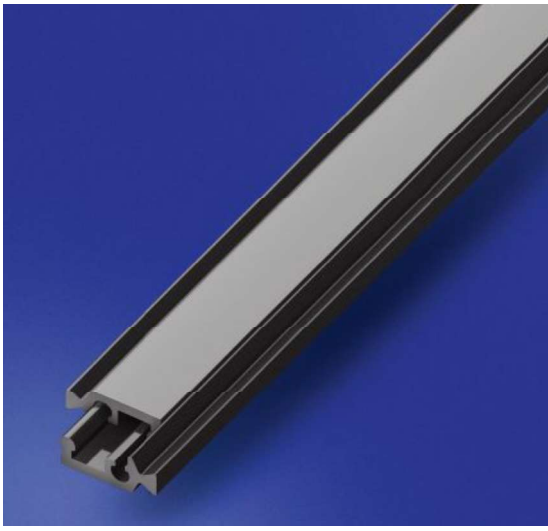
USGLASS MAGAZINE'S 2021 ANNUAL BUYERS' GUIDE

Our annual buyers' guide provides you with a comprehensive list of all the companies and products you need to help navigate your purchasing plans for 2021.

THERMAL PERFORMANCE COMPONENTS
Technoform, Shearless Polyamide Thermal Barrier



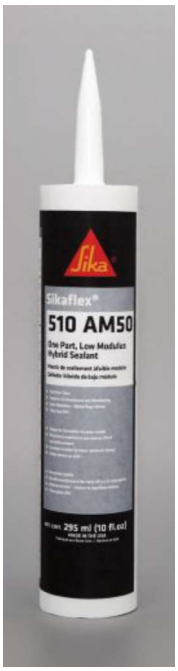
Technoform has introduced a shearless polyamide thermal barrier for facades, doors and windows. This new solution is designed to reduce the deformation caused by uneven thermal expansion in aluminum framing members significantly and to minimize thermal conductivity to improve energy performance. According to the company, thermal deformation is more prevalent in large, metal-framed operable windows and sliding doors. In these large units, if their design does not mitigate expansion, a bowed framing member may prevent it from properly opening, closing or locking. The new shearless thermal barrier solution is designed to allow the inside and outside of aluminum framing members to expand independently at different rates without bending.
www.technoform.com

TOOLS AND HARDWARE
Wood's Powr-Grip MRPT16

Wood's Powr-Grip updated some of its handheld vacuum cups. New features include aluminum plungers that replace brass plungers to help avoid disruptions in material supply; new vacuum pads for improved grip, as well as easier attachment to lightly textured surfaces; and improved metal handles with an updated coating for a more secure hand-hold.
www.wpg.com

TRANSPORTATION
MyGlassTruck, Patriot LF

The Patriot LF is the newest addition to MyGlassTruck's Patriot family of glass truck bodies and it's made for those who carry cargo of all shapes and sizes. One side of the truck's body features a glass rack, available in heights up to 10-feet for carrying extra-long or wide sheets of glass. On the opposite side of the body is an optional cargo rack fabricated from steel that features four rows of E-track. These two racks sit on top of a flat-bed with room for securing crates and other cargo. The Patriot LF body is available for class 3-5 trucks and can be built in lengths between 12 and 18 feet.
www.myglasstruck.com



OTHER GLAZING INDUSTRY PRODUCTS
Sika Corp., SikaFlex-510 AM50

Sika Corp.'s Sikaflex-510 AM50 is a one-component, low modulus, fast-curing and elastomeric hybrid sealant with a high movement capability of +/- 50%. The sealant is suited for weather sealing window perimeters, joints or gaps connecting dissimilar substrates. Additionally, it meets ASTM C920, Class 50, has superior UV resistance and weathering, low VOCs, color retention and a fast skin time, according to the company.
www.sikaindustry.com

OTHER EQUIPMENT/MACHINES
Softsolution, LineScanner

The LineScanner from Softsolution checks surface and edge quality, dimensions, specialty quality checks, anisotropy, and edge stress of every lite, helping companies generate consistent quality.

With Softsolution's custom developed telecentric light sources, the LineScanner can check completed insulating and laminated units as well as monolithic lites.
www.softsolution-na.com/en

USG

Outwater Plastics Industries
Stainless Design Global

Laminated
Aldora Aluminum and Glass Products

Mirror
Aldora Aluminum and Glass Products
Basco
Bieber Consulting Group
Bronx Westchester Tempering
Coastal Industries
Contractors Wardrobe
DK Hardware Supply
Gardner Glass Products
Gilded Mirrors Inc.
HMI Cardinal
Hartung Glass Industries
Kensington Glass Arts
MX Glass & Mirror Mfg.
Mirror Mate
Spancraft
Virginia Glass Products
Vitro Architectural Glass
Walker Glass
Woonsocket Glass Fabricators

Mirror-Backing Paints
ICD High Performance Coatings

Restoration Mirror
Bendheim
Glass Renu

Silvering
Gardner Glass Products
Gilded Mirrors Inc.
Jockimo
Olde Good Things

Tempered
Gardner Glass Products
Louisville Plate Glass
National Glass Products

Safety Equipment

Eye Protection
3M Company

Feet Protection
Tri-Star Glove

Fire Safety Inspection System
Tri-Star Glove

Hand Protection
Banom
Glazers Choice Inc.
Groves Inc.
Mirart Inc.
Tri-Star Glove

Plant Inspection System
Lenox Instrument Co.
Tri-Star Glove

Safety Equipment
A.W.T. World Trade Inc.
Banom
Glass Racking Co.
Groves Inc.
Haeco
Mappi America Inc.
Mudge Fasteners
Quattrolifts
Tri-Star Glove

Services

Certification
Architectural Glass and Metal Technician
I.M.P.A.C.T.
Keystone Certifications Inc.
Manitex Valla
North American Contractor Certification Program

Training
Bieber Consulting Group
HHH Equipment Resources
I.M.P.A.C.T.
JEI Structural Engineering
Key Media & Research
Manitex Valla
Mappi America Inc.

Skylight and Overhead Glazing Systems

Skylight, Laminated Glass
Acurlite Structural Skylights
Bronx Westchester Tempering
Glass Flooring Systems Inc.
Greenlilte Glass Systems
Gutmann North America
Imperial Glass Structures Co.
Linel
Newcomer Architectural Products
Novum Structures
Solar Innovations Inc.
Standards Design Group Inc.

Skylights
Acurlite Structural Skylights
AmesburyTruth
CPI by Kingspan USA
Co-Ex Corp.
Extech/Exterior Technologies
Extrusiones
Gamco Corp.
Glass Flooring Systems Inc.
Gutmann North America
Imperial Glass Structures Co.
Innovative Glass Corp.
Linel
Louisville Plate Glass
Major Industries
Newcomer Architectural Products
Novum Structures
ODL Inc.
Oldcastle BuildingEnvelope®
Structures Unlimited
Super Sky Products Enterprises
Unicel Architectural Corp.

Sloped Glazing System
Acurlite Structural Skylights
CPI by Kingspan USA
Extech/Exterior Technologies
Imperial Glass Structures Co.
Linel
Major Industries
Novum Structures
Standards Design Group Inc.
Structures Unlimited
Super Sky Products Enterprises
Trulite Glass & Aluminum Solutions

Tapes, Foam Thermal Barrier
Capital Tape Co.
Frank Lowe
Renko Rubber
Valley Industrial Products

Translucent Wall Panels
CPI by Kingspan USA
Co-Ex Corp.
Extech/Exterior Technologies
Kalwall Corp.
Major Industries
Novum Structures
Structures Unlimited
glass-inspiration

Walkable Skylights
CPI by Kingspan USA
Greenlilte Glass Systems
Lucid Glass Studio
Solar Innovations Inc.
Vetrotech Saint-Gobain

Software

Accounting
Coastal Industries
Mainstreet Computers Inc.
Smart-Builder

Business
A+W Software USA Inc.
FeneTech
Glassco Solutions
Mainstreet Computers Inc.
Smart-Builder

Curtainwall Design
Decon USA Inc.
GDS Storefront Estimating
Glaziers Center
JEI Structural Engineering
Orgadata USA Inc.
Soft Tech America

Electronic Catalogs
FeneTech
Orgadata USA Inc.
Tecglass

Estimating
FeneTech
GDS Storefront Estimating
Glassco Solutions
Optima North America Inc.
Orgadata USA Inc.
Smart-Builder
Soft Tech America

Glass Cutting
A+W Software USA Inc.
FeneTech
Grenzebach Maschinenbau
Hegla Corp.
Optima North America Inc.
Orgadata USA Inc.
Smart-Builder

Glass Fabrication-Related
A+W Software USA Inc.
FeneTech
Glassco Solutions
Optima North America Inc.
Orgadata USA Inc.
Smart Logistics
Smart-Builder
Standards Design Group Inc.

Insulating Glass
A+W Software USA Inc.
FeneTech
Glassco Solutions
Optima North America Inc.
Smart-Builder

Inventory Management
A+W Software USA Inc.
Coastal Industries
FeneTech
Glassco Solutions
Mainstreet Computers Inc.
Optima North America Inc.
Orgadata USA Inc.
Smart Logistics

Marketing
Glassco Solutions

Point of Sale
A+W Software USA Inc.
Glassco Solutions
Mainstreet Computers Inc.
Optima North America Inc.
Smart-Builder

Pricing
A+W Software USA Inc.
FeneTech
Glassco Solutions
Mainstreet Computers Inc.
Optima North America Inc.
Orgadata USA Inc.
Smart-Builder
Soft Tech America

Quality Control
Orgadata USA Inc.
Smart Logistics
Viprotron North America Inc.

Software
A+W Software USA Inc.
FeneTech
Glassco Solutions
Intermac AGM
Mainstreet Computers Inc.
Optima North America Inc.
Orgadata USA Inc.
Smart Logistics
Smart-Builder

Specialty
Glassco Solutions
Optima North America Inc.
Soft Tech America
Unelko Corp.

Window/Door Fabrication Software
A+W Software USA Inc.
Coastal Industries
FeneTech

From Pioneer to World Leader

SOFTSOLUTION – GLASS IQ is number one, worldwide, in the development and production of automated quality assurance systems for the glass industry.

For more than 20 years we have been offering high-performance technologies that benefit our customers from a wide range of industries with our stability, operational safety and performance.

LineScanner – quality inspections at the highest level

The SOFTSOLUTION LineScanner helps companies generate consistent quality with the ability to check the **surface and edge quality, dimensions, specialty quality checks, anisotropy, and edge stress** of every lite.

Nate Huffman
President

"It's an honor to receive this award two years in a row. With the help of our customers and partners, Softsolution will continue to provide the most innovative and reliable quality inspection systems to glass companies around the world."

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