Design forward.
It’s time to start thinking more about what you can do with glass and less about how to get it done. Introducing Guardian InGlass—forward-thinking interior glass solutions that make it easier to put your creativity into action.

Performance-driven products
The technology behind Guardian InGlass products gives you design capabilities that ordinary glass doesn’t—from scratch resistance and light control to shower protection and security. Everything you’ve ever wanted to do with glass is now instantly more possible.

Spectacular beauty, extensive product combinations
Guardian InGlass offers a comprehensive line of interior glass products. With access to hundreds of combinations of performance benefits, colors, textures, and finishes—including the exclusive collection of Berman Glass editions—you can find all the glass you’ll need for your next project in one place. And with the Online Glass Wizard, you can find the right glass for your project in just a few quick steps.

Guardian InGlass support
From samples to suppliers, Guardian InGlass was created with your needs in mind. Our sample system gives you all the tools you need to preview InGlass products, including a Viewer used to create product and color combinations. And our network of partners is here to help you with every phase of your project, from fabrication to installation.
DiamondGuard® High-Endurance Glass
PROTECT YOUR HIGH-TRAFFIC SPACES WITH A HIGH-ENDURANCE GLASS.

DiamondGuard represents the industry’s latest breakthrough in glass: bold, brilliant glass that resists scratching and looks new up to 10 times longer than ordinary glass. With DiamondGuard, scratch-resistant performance has been reengineered to deliver unparalleled durability so you can permanently protect your designs from the wear and tear of life’s everyday scuffs and scrapes—without sacrificing clarity.

Fused with carbon strength through a patented process, DiamondGuard glass features a protective coating that resists scratching, making it the ideal glass for design applications that require diamond-like toughness and lasting value.

With DiamondGuard, you can be confident that your wall, tabletop, counter, elevator, display, or railing will continue to look brand new long after installation. And because they require less frequent replacement, applications made with DiamondGuard products are a more sustainable choice.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>In high-traffic environments, maintains like-new appearance far longer than ordinary glass</td>
<td>Longer life cycle; less frequent replacements</td>
</tr>
<tr>
<td>High resistance to scratching from contact with everyday items and heavy traffic; high resistance to discoloration from contact with hot objects</td>
<td>Expanded range of commercial and residential applications, including tabletops, bars, counters, and railings</td>
</tr>
<tr>
<td>Resistance to scratching from contact in fabrication and installation</td>
<td>With fewer replacements and a longer life span, less waste and greater efficiency</td>
</tr>
<tr>
<td>High optical transmission retained after use</td>
<td>Expanded range of applications requiring lasting clarity and endurance</td>
</tr>
</tbody>
</table>
Guardian has conducted extensive tests to simulate the everyday usage and wear that glass receives—from coffee cups and key chains to household solvents and heated cookware. Time after time, the tests proved the superior durability of DiamondGuard glass over standard glass.

**Abrasion resistance**

We passed identical objects over the surfaces of both standard glass and DiamondGuard glass with equal pressure. DiamondGuard outperformed standard glass every time. Even after 100,000 passes with cutlery, DiamondGuard showed measurably and dramatically reduced hazing due to surface scratches compared to the standard glass sample.

### Abrasion Tests  Guardian Labs

<table>
<thead>
<tr>
<th></th>
<th>PRE-TEST</th>
<th>TEST</th>
<th>POST-TEST MEASUREMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIGHT TRANSMISSION</td>
<td>HAZE</td>
<td>ENDURANCE HAZE*</td>
</tr>
<tr>
<td><strong>Standard Glass</strong></td>
<td>87.7% ± 0.4</td>
<td>&lt;0.5%</td>
<td>9.59%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3.47%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2.20%</td>
</tr>
<tr>
<td><strong>DiamondGuard Glass</strong></td>
<td>82.9% ± 1.2</td>
<td>&lt;0.5%</td>
<td>0.20%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.20%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.20%</td>
</tr>
</tbody>
</table>

*The measurement of haze, or reduction of optical clarity, is a universal practice for gauging the clarity of glass and other transparent materials. The lower the haze rating, the greater the optical clarity. Acceptable haze threshold: 0.7 per ASTM D1003-11.*
Characteristics
DiamondGuard has an extremely low coefficient of friction, enabling it to protect the surface of glass and mirrors by resisting scratching, smudging, and staining. DiamondGuard is virtually invisible, chemically inert, and requires no special cleaning.

Availability
DiamondGuard comes standard in clear glass, UltraClear low-iron, Laminated, SatinDeco acid-etched, and UltraMirror. It is also available in a wide range of combinations, making it easy to add high-endurance protection to just about any application. DiamondGuard is available in standard thicknesses from 3mm to 19mm and can be annealed or tempered.

Fabrication
All DiamondGuard glass and mirror can be cut, drilled, beveled, edged, notched, silk screened, laminated, and tempered.

Corrosion testing
After being exposed to continuous contact with harsh household solvents, acids, bases, and oxidizers such as lighter fluid, ammonia, hydrogen peroxide, and permanent marker, DiamondGuard still maintained like-new clarity.

Heat testing
Even after prolonged contact with cookware heated to a constant 212º F, DiamondGuard maintained like-new clarity.

Critical load testing
DiamondGuard withstood 2.8 to 18 times more pressure than standard glass before scratching.
ShowerGuard glass is the first shower glass that provides permanent protection against corrosion and discoloration. Manufactured and sealed with Guardian’s patented ion-beam process, ShowerGuard shower enclosures will maintain like-new appearance for years to come. Unlike spray-on or wipe-on products, this protection is part of the glass itself, allowing the glass to withstand some of the harshest water conditions.

Shower enclosures made from high-quality acid-etched ShowerGuard SatinDeco bring a silky elegance to any luxury bathroom, while the stunning clarity of ShowerGuard UltraWhite™ makes it the glass of choice for those seeking true color neutrality in their designs. Whichever ShowerGuard product you choose, know that ShowerGuard keeps shower glass looking forever beautiful.

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patented ion-beam technology seals glass</td>
<td>Resistant to hard-water stains and easy to maintain with minimal cleaning</td>
</tr>
<tr>
<td>against corrosive agents</td>
<td></td>
</tr>
<tr>
<td>Resistant to hard-water stains</td>
<td>Protection is part of the glass and never needs to be reapplied</td>
</tr>
<tr>
<td>Backed by a limited lifetime warranty</td>
<td>Longer life cycle and less frequent replacements required</td>
</tr>
</tbody>
</table>
ShowerGuard Performance

Shower glass that’s permanently sealed to keep showers looking as beautiful as the day they were installed.

Standard glass corrodes
Hard water, cleaning products, and even soap and shampoo you use every day can take a toll on standard shower glass, leaving it full of tiny pits and ridges that attract and hold scum. Constant exposure to these contaminants causes a chemical reaction that actually roughens the surface of the glass. When that happens, spots, residues, stains, and scale build up, and it becomes almost impossible to keep your glass clean.

ShowerGuard glass resists corrosion
The surface of ShowerGuard glass is sealed against attack from chemicals and shower contaminants, so scum has nothing to grab on to. ShowerGuard glass remains smooth and easy to clean. And unlike spray-on or wipe-on treatments that eventually come off, the coating on ShowerGuard glass is permanent. So a ShowerGuard glass shower stays beautiful forever.

The ShowerGuard Difference

In independent laboratory testing, ShowerGuard and other competitive products were exposed to hard water with dissolved silicates, which can be a challenge for any shower glass. After repeated cycles, other products developed permanent stains, while ShowerGuard remained clear and easy to clean.
ShowerGuard glass care & maintenance
ShowerGuard's patented technology helps keep minerals, scale, and soap scum from sticking. A soft cloth or wet sponge and most common household cleaners are all you need for periodic maintenance.*

<table>
<thead>
<tr>
<th>Water Quality</th>
<th>Effective Cleaners</th>
<th>Recommended Cleaners</th>
<th>Recommended Cleaning Frequency**</th>
</tr>
</thead>
<tbody>
<tr>
<td>soft water</td>
<td>any glass cleaner</td>
<td>Windex*</td>
<td>as needed</td>
</tr>
<tr>
<td>hard water</td>
<td>any acidic glass cleaner</td>
<td>solution of 50% water and 50% vinegar</td>
<td>approximately once every 15 showers</td>
</tr>
<tr>
<td>hard water with dissolved silica</td>
<td>cleaners with mild abrasives</td>
<td>Soft Scrub Lemon, Kaboom! Shower, Tub &amp; Tile</td>
<td>approximately once every 10 showers</td>
</tr>
</tbody>
</table>

* For a complete list of approved cleaning products, please visit ShowerGuardGlass.com.
** Cleaning frequency recommendations are guidelines only. Actual cleaning frequency will depend upon humidity, degree of water hardness, shower temperature, and other variables. In cases with extremely high silica content, it may be helpful to squeegee as needed between cleanings.

ShowerGuard Specifications

Characteristics
ShowerGuard is created with a patented ion-beam process, sealing the surface against corrosion from chemicals and water. ShowerGuard is virtually invisible and can be easily cleaned using basic soap and water. For a full list of approved cleaning products and recommendations for cleaning solutions for your water type, visit ShowerGuardGlass.com.

Availability
ShowerGuard is available on clear float glass, UltraWhite low-iron glass, and SatinDeco acid-etched glass. It is available in 6mm, 10mm, and 12mm thickness. All ShowerGuard glass is tempered.

Fabrication
All ShowerGuard glass can be cut, drilled, beveled, edged, notched, silk screened, tempered, and laminated.
WHEN IT COMES TO TRUE COLOR AND CLARITY, OUR TECHNOLOGY IS CLEARLY DIFFERENT.

The brilliant, crystal-like transparency of UltraClear low-iron glass makes it an obvious choice when color neutrality and maximum clarity count. Perfect for doors, entranceways, display cases, partitions, railings, and decorative applications, UltraClear allows high light transmission into a space without the greenish tint visible in standard clear glass, most apparent when viewed from the edge.

UltraClear also delivers a dramatic improvement over standard laminated glass. As laminate thickness increases in clear float glass, color distortion and a reduction of visible light transmission can result. UltraClear adds distortion-free vision to the strength and security of laminated glass for unparalleled performance.

UltraClear Specifications

Characteristics
UltraClear glass is manufactured with a lower iron content, resulting in a clear, color-neutral glass. Reducing the iron and using new raw material formulas increases light transmission and reduces the greenish tint in clear glass that is most apparent when viewed from the edge and becomes more apparent on thicker glass.

Availability
UltraClear is available in Laminated, DecoCristal, DiamondGuard, SatinDeco, and UltraMirror. It is also available in a wide variety of product combinations, bringing color neutrality to almost any application. It is available in thicknesses ranging from 3mm to 12mm.

Fabrication
UltraClear can be fabricated, laminated, painted, cut, and tempered just like ordinary float glass.
SatinDeco® Acid-Etched Glass

DOORS
WALLS
PARTITIONS
STAIRCASES & RAILINGS
SHOWER ENCLOSURES
DISPLA YS & FIXTURES
ELEVATORS/ESCALATORS
DECORATIVE SURFACES
MIRRORS
FURNITURE
CASE GOODS
SURFACES
SatinDeco is Guardian’s unique acid-etched glass, delivering a striking and distinctive blend of elegance, light, and privacy in one extraordinary glass solution. Manufactured using a proprietary acid-etching process, SatinDeco has an exquisitely smooth finish that disperses light and seems to glow from within.

Once installed, SatinDeco does not require any special care. Its extra-smooth finish is extremely resistant to stains and fingerprints—and remarkably easy to clean. And as time passes, you can be sure that SatinDeco will retain its elegance and ease of maintenance.

Count on SatinDeco to create partitions, staircases, doors, shower enclosures, furniture—you name it. Experience the design flexibility that is SatinDeco.

**Why SatinDeco At-a-Glance**

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufactured using continuous acid-etch process that creates a uniform appearance</td>
<td>Uniform etching provides consistent obscurity</td>
</tr>
<tr>
<td>Extra-smooth finish resists stains and finishes</td>
<td>Easy to clean</td>
</tr>
<tr>
<td>Translucent appearance diffuses light; reduces reflectivity and inside glare</td>
<td>Provides elegant privacy without sacrificing light</td>
</tr>
<tr>
<td>Available in a wide variety of product combinations</td>
<td>Can be applied to designs in varying capacities</td>
</tr>
</tbody>
</table>
SatinDeco Performance

Privacy and diffused natural light in a glass that seems to glow from within.

SatinDeco is made using a continuous acid-etch process that starts with Guardian’s float glass, creating a smooth surface that dispenses light and transforms transparent float glass into an elegant translucent glass.

<table>
<thead>
<tr>
<th>SatinDeco 6mm</th>
<th>Incident light on satin-etched surface</th>
<th>Incident light on non-satin-etched surface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optical transmission</td>
<td>90.5%</td>
<td>88.5%</td>
</tr>
<tr>
<td>Light reflection</td>
<td>8.1%</td>
<td>7.0%</td>
</tr>
<tr>
<td>UltraViolet transmission</td>
<td>59.9%</td>
<td>58.2%</td>
</tr>
<tr>
<td>Direct transmission of solar energy</td>
<td>80.8%</td>
<td>79.4%</td>
</tr>
</tbody>
</table>

Measurement results according to the UNE-EN 410:1998 Norm.

Consistent quality
All of the float glass used to make SatinDeco is sourced from a single Guardian location and manufactured using Guardian’s continuous and proprietary acid-etch process. SatinDeco’s industrial production meets the requirements of ISO 9001:2000.

Easy to maintain
SatinDeco resists stains and fingerprints, making it incredibly easy to clean. SatinDeco also delivers long-lasting value by retaining its elegant look over time.
SatinDeco product combinations

Most InGlass products are available with a SatinDeco acid-etched finish, meaning you can bring the elegant translucence of SatinDeco to any design application. Add color with DecoCristal back-painted glass or color laminate options. Or bring performance to your acid-etched glass choice with the scratch resistance of DiamondGuard or the shower protection of ShowerGuard.

Visit GuardianInGlass.com/SatinDeco for a complete list of product combinations, or use the Viewer in the sample system to create product and color combinations in person.

SatinDeco Specifications

Characteristics

SatinDeco is manufactured with top-quality float glass. An acid is applied to one surface of the glass, dissolving part of the glass to create a smooth, flat surface that seems to glow from within due to the diffusion of light that is created.

Availability

SatinDeco is available with DiamondGuard, ShowerGuard, UltraMirror, UltraClear low-iron, Laminated, and DecoCristal. It is also available in a wide variety of product combinations, so adding privacy and light control to any application is easy. It is available in standard thicknesses from 3mm to 12mm.

Fabrication

SatinDeco can be cut, beveled, curved, tempered, painted, laminated, or assembled in double glazing.
Textured Glass  Berman Glass editions
ACHIEVE A CUSTOM LOOK WITH EXCLUSIVE JOEL BERMAN DESIGNS.

Creating a timeless, custom-glass look is easier than ever before with the exclusive Berman Glass editions from Guardian InGlass. Choose from four signature textures created by renowned glass artist Joel Berman that are exclusively manufactured and distributed by Guardian. The designs are non-generational, with textures ranging from delicate, nondirectional, organic designs to dramatic linear motifs, and offer varying levels of privacy and light control without sacrificing light transmission.

As a design element, Berman Glass editions feature subtle depth and dimension that deliver an economical solution for high-volume projects and a perfect alternative to traditional materials, such as wood, fabric, and metal. Ideal for doors, shower and tub enclosures, walls, partitions, furniture, case goods, surfaces, and more, Berman Glass editions can help you bring a new level of quality glass art to your project.

Berman Glass editions Specifications

Characteristics
Berman Glass editions are produced by pressing semi-molten glass between two metal rollers to imprint the pattern, resulting in a variety of light diffusion.

Availability
Textured glass can be laminated or back-painted for added color options.
Berman Glass editions are available in up to 12mm thickness.

Fabrication
All textured glass can be cut, fabricated, laminated, back-painted, and tempered.
Guardian textured glass offers a variety of distinctive choices that add visual interest to any design while offering variability in light control. With a range of options at your fingertips, you can find a standard glass texture for virtually every application and aesthetic, from traditional to modern. Produced by pressing semi-molten glass between two rollers, distinct patterns are created that can diffuse light and expand creative expression.

Perfect as a primary element or when used to highlight other design features, standard textures bring economical style to furniture, doors, shower and tub enclosures, walls and partitions, and more.

**Standard Textures Specifications**

Characteristics
- Guardian textured glass is produced by pressing semi-molten glass between two metal rollers to imprint the pattern, resulting in a variety of light diffusion.

Availability
- Textured glass can be laminated or back-painted for added color options.
- Standard textures are available in standard thicknesses ranging up to 10mm and vary by texture.

Fabrication
- All textured glass can be cut, fabricated, tempered, laminated, and/or back-painted.
UltraMirror is perfect for any interior space—decorative walls, wardrobe doors, display cases, and more. Rooms sparkle when Guardian UltraMirror reflects artwork, sculpture, and unique interior architecture.

UltraMirror can be enhanced with DiamondGuard to deliver unparalleled durability in transport, fabrication, installation, and thereafter—protecting its performance for years to come. It is also available in a copper-free option, which can help your projects achieve LEED certification and “green building” designation. Whether in bathroom mirrors or furniture applications, only UltraMirror will deliver beautiful reflectance and uncompromising durability backed by the industry’s best warranty.

**UltraMirror Specifications**

- **Characteristics**: UltraMirror is a high-quality mirror that applies a high-luster mirror to the surface of Guardian’s top-quality float glass, resulting in a product that is both brilliant and durable.

- **Availability**: UltraMirror is available in a copper-free option. It is also available on tinted float glass. The product can be laminated or applied to DiamondGuard or SatinDeco glass. Regardless of the option, thicknesses are available up to 12mm.

- **Fabrication**: UltraMirror can be cut, drilled, laminated, or beveled, or receive other decorative edge treatment.
Laminated Glass
Guardian’s laminated glass will help you add exquisite beauty to residential and commercial spaces, or enhance performance with safety and sound control. Design and performance features are achieved by bonding two or more sheets of glass together with a durable plastic interlayer. Various interlayers can be used to achieve the desired performance, from resisting penetration by impacting objects to restricting sound from outside ears.

Color can also be added using a variety of color interlayers in addition to other performance features, or just to create a color accent. See our laminate color options below, or create custom color combinations to design with any color of the rainbow.

Laminated Glass Specifications

Characteristics
Laminated glass is produced by bonding a plastic interlayer (PVB) between two or more panes of glass under heat and pressure. The result is a stronger glass whose fragments, if broken, adhere to the plastic interlayer, reducing the risk of injury. Laminated glass meets the current requirements of the ASTM E-1172 (Standard Specifications for Laminated Architectural Float Glass).

Availability
Nearly all Guardian InGlass products can be laminated, including float glass, UltraClear low-iron float glass, Berman Glass editions, and standard Guardian textures. Laminated glass can be combined with DiamondGuard, UltraMirror, and SatinDeco for added variety. Laminated glass is available in standard thicknesses of 6mm and 10mm. Thicknesses are approximate, based on two pieces of glass and one or more layers of PVB. Other options may be available.

Fabrication
All laminated glass can be cut, fabricated, and back-painted.
BOLD COLORS.
FOR BOLD DESIGNS.

Design with the consistent, bold color of beautifully lacquered glass with Guardian DecoCristal, painted on one side with an opacified organic paint that dries to a lacquered finish for a stunning result. Its bright, opaque, highly reflective color brings a statement to any space.

DecoCristal is produced in high volume and cut to size during fabrication, making it ideal for projects large and small. Enhance your designs with saturated, rich color on decorative surfaces, doors, walls and partitions, and so much more. Explore all of the possibilities DecoCristal can add to your design project.

DecoCristal Specifications

<table>
<thead>
<tr>
<th>WHITE</th>
<th>LIGHT GREY</th>
<th>BLACK</th>
<th>MOCHA</th>
<th>CHOCOLATE</th>
<th>BORDEAUX</th>
<th>SIGNAL RED</th>
<th>INTENSE ORANGE</th>
<th>FUCHSIA</th>
<th>ULTRAMARINE BLUE</th>
<th>PISTACHIO</th>
</tr>
</thead>
</table>

Characteristics
DecoCristal is created when Guardian’s float glass is painted on one side with a colored organic paint. It then dries to a stunning, vibrant lacquered finish.

Availability
DecoCristal can be applied to nearly any Guardian glass products, including standard float glass and UltraClear low-iron float glass. It can be combined with DiamondGuard, SatinDeco, Berman Glass editions, and standard Guardian textures. DecoCristal is stocked in 6mm and is available for order in other thicknesses up to 12mm.

Fabrication
DecoCristal can be processed and fabricated like any mirror product: into pattern cuts, beveled or machine ground edges, and with drilled holes.
Float Glass Base Glass
START EVERY DESIGN ON A STRONG FOUNDATION.

The science of creating top-quality float glass is the foundation on which Guardian stands, and on which we innovate all of our Guardian InGlass solutions. Float glass manufacturing is our core competency. We use the latest glass-making technology to turn mountains of silica sand and other raw materials into molten glass that “floats” on a bath of molten tin to produce a ribbon of nearly perfect glass.

Guardian float glass is of the highest quality, and is available in a wide range of sizes and thicknesses for innumerable applications. With Guardian float glass, you can work with the world’s best blank canvas in designing doors, walls, partitions, staircases, railings, shower and tub enclosures, displays and fixtures, elevators, escalators, decorative surfaces, mirrors, furniture, case goods, surfaces, and more. It’s the building block of glass design.

Float Glass Specifications

Characteristics
- Float glass is a sheet of glass made by floating molten glass on a bed of molten tin, creating a sheet of uniform thickness and very flat surfaces. Guardian is dedicated to continually improving the science and process of float glass manufacturing.

Availability
- Float glass is the base for all other InGlass products, including coatings or other decorative and performance applications. It is available in a variety of tints to enhance design flexibility. Thicknesses vary by type and range up to 19mm.

Fabrication
- Guardian float glass can be cut, fabricated, laminated, back-painted, heat-strengthened, and tempered.
SPEND YOUR TIME ON THE POSSIBILITIES OF GLASS DESIGN, NOT THE LOGISTICS.

With Guardian InGlass, you can spend more time thinking about what you can do with glass and less about how to get it done. Our forward-thinking interior glass solutions are designed to make it easier for you to put your creativity into action.

It all starts with performance-driven Guardian InGlass products that give you design and functional capabilities that ordinary glass doesn’t—from scratch resistance and light control to shower protection and security. Access hundreds of combinations of colors, textures, and finishes—including exclusive textures designed by Joel Berman—at price points that fit every project budget.
Glass Sample System

Touch it. Try it. Experience it. The Guardian InGlass Sample System puts the tools you need to view glass, performance, and color combinations right into your hands. The system includes three glass sample boxes that provide you with our most popular glass options: • PERFORMANCE GLASS • COLORS • TEXTURES & PATTERNS. Additionally, the system includes an InGlass Viewer as well as a set of color samples (film and paint samples) so you can create thousands of combinations and see firsthand if a specific glass is right for your design. Register your sample system using the QR code on the outside of the box or visit GuardianInGlass.com. Once registered, you will receive regular sample system updates.

Online Glass Wizard

No matter how you prefer to search, Guardian InGlass is ready to help you find the glass you need. If you visit our comprehensive website at GuardianInGlass.com, you’ll find a quick, easy-to-use tool called the Glass Wizard that can locate glass combinations for your project in minutes. The site also makes it easy to order samples, view images of inspiring glass projects, and access the technical support and resources you may need to complete your vision.

A comprehensive supply network

From answering your simplest question to helping solve your most complex challenge, Guardian’s supply network is available to assist in helping make your design vision a reality. Our network of partners is diverse and can assist in a wide variety of project types, from standard fabrication to custom design solutions. Explore the possibilities and find a Guardian representative who can assist you at GuardianInGlass.com.

About Guardian

Guardian InGlass is brought to market by Guardian Industries Corp., one of the world’s largest manufacturers of float and fabricated glass for the commercial, residential, and automotive markets. A privately held company headquartered in Auburn Hills, Michigan, Guardian also has a significant market position in the manufacture of fiberglass insulation, distribution of building materials, and production of injected-molded plastics. To learn more about Guardian, visit our corporate website at Guardian.com.