

Guardian 275® Translucent Panel Skylights & Curtainwall

Overview

Translucent Skylights

Curtainwall Systems

TransCURVE™

Specialty Applications

- Ultimate Series™ Exterior Fiberglass
- Blast Protection
- Hurricane Protection
- Translucent Adapter Panel
- Trim Tones™
- Spectra-Grid™

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NOT SURE WHICH SYSTEM TO CHOOSE?

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[CLICK HERE TO VIEW OUR TRANSLUCENT SYSTEM COMPARISON CHART](#)

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OVERVIEW

If enhanced thermal performance, energy savings and glare-free natural light are important to you, Major's Guardian 275® translucent panel systems are the perfect choice. Cost-effective Guardian 275® systems are lightweight, provide controlled natural light, and are custom designed to fit any skylight or curtainwall application.

ANATOMY OF A GUARDIAN 275® PANEL

Guardian 275® Translucent Panels are a cost-effective and lightweight alternative to traditional glass glazing. Their sandwich panel design features an aluminum grid core and reinforced fiberglass face sheets, providing one of the highest strength-to-weight ratios available for daylighting applications. For enhanced thermal performance, Guardian 275® panels are also available in a thermally broken configuration, and they offer a variety of insulation, sheet color and light transmission options.

GUARDIAN 275®

Ready for extreme conditions, our Ultimate Series™ fiberglass features unmatched color-retention and a free fiberbloom guarantee.

Panels are available with a poured and debridged structural polyurethane thermal break for enhanced performance.

Our aluminum framing and grid core provide one of the highest strength-to-weight ratios available for daylighting applications.

Strongest panel adhesive available ensures structural integrity.

MAJOR INDUSTRIES

OTHER FEATURES

Numerous sheet color options - Crystal, White, Ice Blue, Aqua, Tan and Desert Rose.

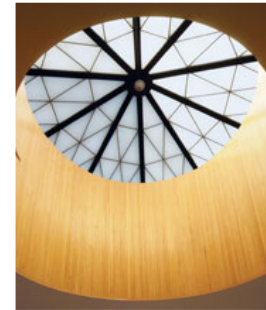
CRYSTAL WHITE ICE BLUE AQUA TAN DESERT ROSE

** For general reference only - actual sheet color may vary.

Guard-Tite™ curtainwall systems available with 1", 1 1/2", 2.75" or 4" panels for added versatility.

Classic grid layouts include in-line Shoji, staggered Shoji, and Tuckerman patterns, in sizes from 6"x6" up to 12"x24". For a unique look in curtainwall systems only, try our Verti-Lite™ grid pattern (vertical grid only with no cross pieces).

IN-LINE SHOJI STAGGERED SHOJI TUCKERMAN VERTI-LITE™ (FOR WALL SYSTEMS ONLY)



[Spectra-Grid™](#) custom-colored translucent insulation creates visual impact. This colorful option is perfect for educational facilities wanting to show off their school colors, or as a cost-effective alternative to stained glass.

[Guardian 275® Translucent Adapter Panel](#) offers seamless integration between the 2.75" Guardian 275® panel and conventional 1" framing systems.



WHAT SETS GUARDIAN 275® APART?

Guardian 275® panels offer unmatched performance and feature Ultimate Series™ technology. This unique face sheet - designed in cooperation with CRANE Composites®, the world's largest manufacturer of architectural fiberglass - is a unique blend of polymers, UV inhibitors, color stabilizers, and a permanent fiberbloom erosion veil that establishes a new benchmark for long-term durability and performance with 25 year fiberbloom warranties and color-change warranties up to 20 years.

If you're concerned about leaks and water penetration, look no further than Guardian 275® Translucent Skylights and Curtainwall. They feature standard built-in water management systems, including integral gutters and weeps as well as high-performance sealants and gasketing, for unmatched weather performance.

Guardian 275® Translucent Systems are a versatile daylighting tool, and can be configured to match your project's requirements. From blast-resistant curtainwall to removable skylights to mixed glazing systems, Major Industries has your daylighting needs covered.

OTHER BENEFITS

Natural energy efficiency saves money and stabilizes HVAC loads.

Possible [LEED®](#) credit opportunities.

Select Guardian 275® skylights (ready-to-install versions used in residential settings) meet [ENERGY STAR®](#) requirements. Every ENERGY STAR qualified skylight is independently tested and certified to perform at levels that meet or exceed strict energy efficiency criteria set by the U.S. Department of Energy. Please contact our Sales Department at 888-759-2678 for more details.

Students benefit greatly from access to natural light - visit our [LEED for Schools](#) page for more information on the USGBC's LEED for Schools Green Building Rating System™ and how Major's daylighting solutions may apply.

Guardian 275® panels can be configured to provide significant blast protection and meet or exceed [anti-terrorism](#) performance requirements specified by the Department of Defense and General Services Administration.

Guardian 275® hurricane systems offer [storm protection](#) and have been approved for use in most Florida counties, the Texas Gulf Coast and more than 95% of the hurricane zones in North America.

[Trim Tones™](#), our unique system for concealing exterior fasteners, offers the ultimate in design flexibility - make your daylighting design blend into the background or jump out with a colorful, artistic touch.

Tested and verified by ASTM, AAMA, ICC and NFRC methodologies.

ICC ES Legacy Report Listed. [View our ICC ES Legacy Report](#)...

[NFRC](#) certified.

INTERESTED IN DOWNLOADING A SPEC? CLICK HERE FOR MORE INFO.