



Liteway™ Product Data Sheet

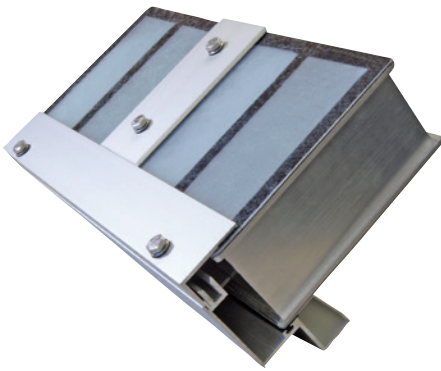
Formerly Guardian 275® canopies from Major Industries, Inc.

Fiberglass Reinforced Polymer (FRP) Canopy + Walkway Systems



Application

Liteway™ translucent panel canopy and walkway systems (formerly Guardian 275® by Major Industries, Inc.) consist of two fiberglass reinforced polymer (FRP) face sheets bonded to an aluminum grid core. Panels are held in place by an aluminum framing system, EPDM gasketing and butyl sealants. Liteway™ panels are available in sizes up to 5 feet wide and 20 feet long (contact Kingspan Light + Air for details as loading requirements may vary by project location). Custom and pre-engineered systems available, with select sheet color options and finish options including anodize and AAMA 2604/2605 paint.



Features

1. 2.75" panel thickness
2. Extruded aluminum frame
3. Ultimate Series™ face sheet technology
4. High performance gasketing and sealants
5. Guttered framing for enhanced moisture management
6. Maximum panel widths of 5 feet
7. Maximum panel lengths up to 20 feet (contact KLA for specific numbers related to your project location)
8. Anodize and paint finishes - standard and custom

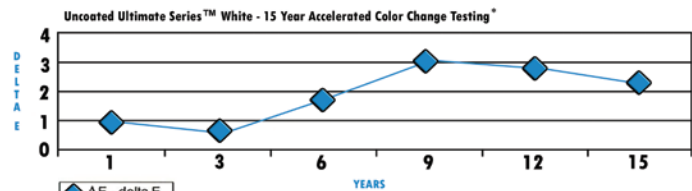
Options

1. Mixed glazed and unitized systems available
2. Curved systems
3. Sheet color options include Desert Rose, Tan, Aqua - custom colors available - contact us for details and availability

Ultimate Series™ Face Sheet Technology

Ultimate Series™ exterior face sheets have been put through rigorous testing and offer exceptional weathering performance, all backed by a 25 year fiberbloom warranty and available 20 year color change warranty.

This breakthrough SunStrong™ PRS resin system and polymer coating combination is an effective long-term solution for achieving high quality, energy-efficient diffused natural daylighting.



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Testing/Performance

Test Description	Test Procedure	Results & Comments
Code Compliance, IBC	ASTM D635, D1929, E84, UL 723	CC1 Rating (Interior Sheet) CC2 Rating (Exterior Sheet)
Uniform Load Structural /Spans	ASTM E330	*Consult KLA for job specific span capabilities
Impact Strength	UL 972	Standard Exterior Sheet - five impacts at 50 ft-lbs High-Impact Exterior Sheet - 200 ft-lbs - no penetration High Impact Interior Sheet - 245 ft-lbs - no penetration Class "A" Sheet - 245 ft-lbs - no penetration
Adhesive Bond Strength	ASTM D1002 (shear) - Un-aged ASTM D1037 - Aged ASTM C297 (tensile) - Un-aged ASTM D1037 - Aged	lbf=Min 310, Avg 563, Max 837 lbf=Min 836, Avg 1212, Max 1669 Load=557.3 lbf Load=913.6 lbf

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For the product offering in other markets please
contact your local sales representative or visit
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