



Briteway[®] Product Data Sheet

Polycarbonate Canopies + Walkways

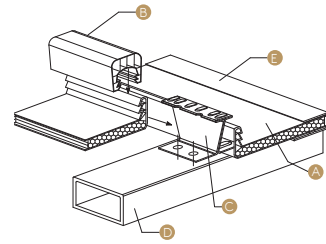


Product Specifications

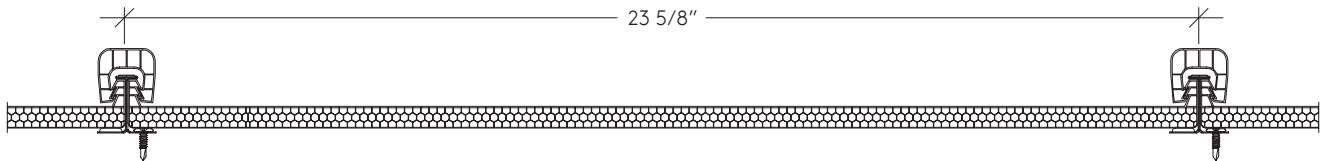
Product Specifications

Glazing	Translucent polycarbonate panel with Nano-Cell® extrusion
Thickness:	12 mm, or 16 mm
Width:	2 ft nominal (23 5/8 in) (600 mm)
Length:	Up to 38 ft long
Panel Weight:	12 mm = 0.53 lb/ft ² 16 mm = 0.70 lb/ft ²
Panel Joint:	Mechanically interlocking triple-tooth connection
Color Options:	Standard - clear, white, ice white, blue, green, bronze, refl. gray

Note: all colors are available with a matte finish upon request - consult for other available color options



- A Glazing panel
- B Triple-tooth panel connector
- C Stainless steel panel clip
- D Aluminum purlin substructure
- E Aluminum framing system



12, & 16 mm



Testing/Performance

Protect occupants while creating an eye-catching entryway

Whether you're looking for a simple design or complex custom configuration, Briteway® canopies and walkways feature pre-fabricated components for reduced labor time, a strong triple-tooth standing seam connection for durability, and systems are available with a wide range of color options to accommodate just about any design need. Briteway® systems are also low maintenance, and the polycarbonate glazing is highly impact resistant.

Flexible design options to enhance your canopy design

- Glazing panels feature a tight cell extrusion for increased durability
- Glazing is available in a wide range of colors - from White to bright and colorful (custom colors are also available - contact us for details)
- Innovative clearspan design reduces the need for cross-bracing and opens up the space below the canopy
- We offer systems where structure is already in place, or where a ground-up solution is needed - contact us for more information



Test Description	Test Procedure	Results & Comments
Ignition Temperature, Smoke Density, and Combustibility Classification	ICC -ES report, ASTM D1929, D2843, D635, ASTM E84, CAN/ULC, S102.2-M88	Complies with Ignition Temperature and Smoke Density defined in IBC Section 2606.4. Combustibility Class: CC1. Class A Interior Flame Spread. See ICC-ESR-4745 for full details
Uniform Load Structural / Span	ASTM E330	Span: 2 ft. to 6 ft. *Consult KLA for job specific span capabilities
High Velocity Hurricane Zone (HVHZ)	TAS 202, 203	Span: 2 ft. to 3' -6", up to 105 psf *Consult KLA for job specific span capabilities
Concentrated Load 1 sqf Area	29 CFR Section 1910.23(e) (8) California Code of Regulation Title 8, Section 1632 (b) (3), Section 3212(b)	No Damage 800 lbf load No Damage 800 lbf load

*Spanning capabilities are dependent on project specific design loads, which are determined based on several different factors, including location on the building, height above ground, wind speed, etc.

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