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WeatherShade™ Canopy System Translucent or Transparent Canopy Panel System

Designed for application flexibility



What is a WeatherShade Canopy System...

- A protective exterior covering designed to:
 - Compliment the look of the building or surroundings
 - Provide functional shading during the day
 - Provide a functional covering from rain, snow, hail 24/7
- Canopy system is built from of polycarbonate panels in a standing seam configuration. Adjacent panels are secured together by a batten over the standing seam edges.
- This standing seam/batten configuration provide highly water tight and wind resistant glazing panel system.
- The entire glazing panel system is secured to the canopy purlin system by the use of stainless steel brackets that connect to the panel standing seam legs and the purlin immediately below.
- The proper purlin spacing and connection to the supporting structure provide the design opportunity for a wide range of snow and wind load application designs.
- Lightweight, high strength canopy system

What is its value...

- Designed and fabricated as an easy to install **system**, low transportation and installation costs
- Perfect system for new and retrofit construction
- LEED credits available for various LEED credit categories
- Building occupants and visitors will welcome the transitional covering provided by the canopy
- Lower cost and more durable than glass canopy systems
- Easier to design unique building configurations

WeatherShade Canopy System Product Specifications

System designs & widths	Canopy system configurations → Systems widths can be width of application	Curved Arched	Flat Slope Curved Slope	Low Slope applications with Mono Models	
System lengths	Canopy system length design range	<ul style="list-style-type: none"> • Canopy panels are produced in lengths up to 39' • Overlapping designs are available for applications greater than 39' 			
System models	Model(s) →	WeatherShade Multiwall Translucent WeatherShade Mono Translucent WeatherShade Mono Transparent			
Framing finish options	Anodized, Painted or Mill Finishes	Consult factory for various finish options and colors			
Standard Colors Light Transmission values	Multiwall sheets Solid sheets (Mono)	Multi & Solid Colors			
		MW Color	LT%	Mono Color	LT%
		Clear 20mm	74	Clear 4mm	90
		Opal 20mm	52	Opal 4mm	50
		Bronze 20mm	40	Bronze 4mm	48
				Clear 6mm	88
				Opal 6mm	38
				Bronze 6mm	50

WeatherShade® Canopy System
Translucent or Transparent Canopy Panel System

Benefits of WeatherShade Technology:

The WeatherShade Canopy system is an innovative adaptation of existing materials, glazing and framing systems, designed to provide a high levels of both shade and light during the day and protection from other weather elements both day and night.

The WeatherShade system can be integrated into a variety of building designs for both environmental protective functions and to add certain accents to the building’s overall look.

Testing and Standards Compliance

	Test	Compliance Standard	Glazing Material
Testing	Light Transmittance	ASTM 1003	(Values subject to glazing color selection)
	Fire Ignition	ASTM D1929	Flash 779° F Spontaneous 1054° F
	Fire Burn Rate	ASTM D635	CC1
	Interior Flame Spread	ASTM E84	Class A

The above tests were performed and verified by certified independent third parties. If you have questions on a specific test or product, please contact a Solutions In Polycarbonate Representative. Solutions In Polycarbonate, LLC does not assure compliance with any plans or specifications and it remains the responsibility of the customer to confirm compliance of the product with applicable local, state, and national codes and other laws or regulations.

