



EXTECH's SKYSHADE 8000 is a long spanning, standing seam canopy that offers continuous mullions that rigidly clamp translucent, structural cellular polycarbonate glazing (CPG) panels. It provides daylighting, UV screening, impact resistance, and is able to withstand extreme wind loads. SKYSHADE 8000's ability to combat against extreme wind makes it the perfect system for areas that are hurricane prone.

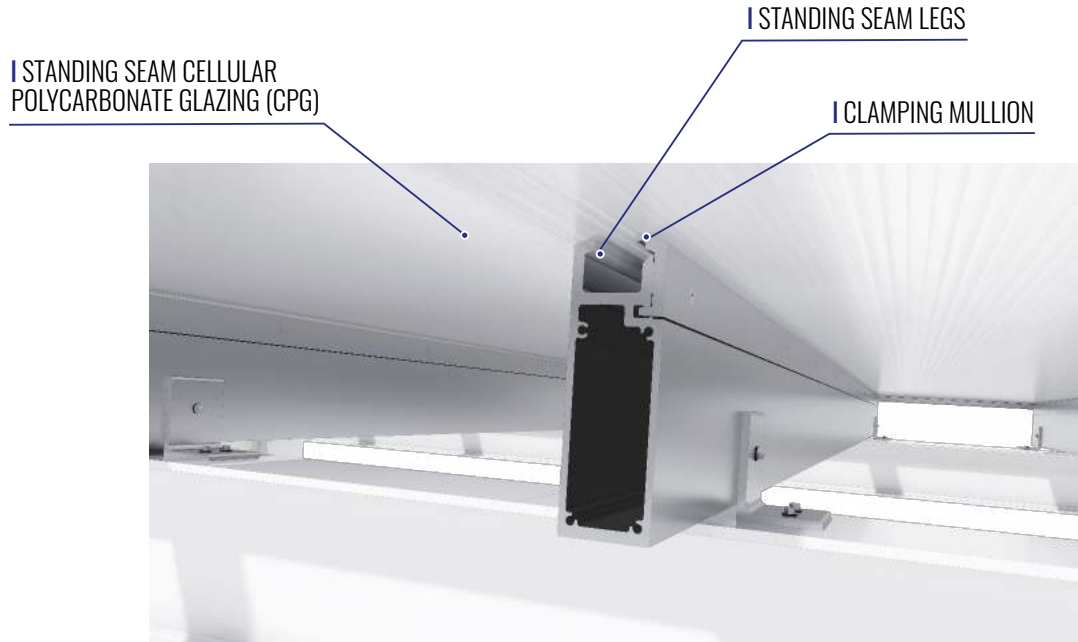
The SKYSHADE 8000 is built with the most advanced aluminum clamping framing system in the industry, and is an economical choice for canopies, walkways, pavillions, screens, and more.

SYSTEM FEATURES & BENEFITS

- Unique clamping rafter using standing seam structural cellular polycarbonate panels
- Designed especially for high wind and snow loading conditions. Tested to loads in excess of 160 psf at 8' spans
- Rafters with internal guttering system
- System can be self-supporting to required loads or act as an overlay to structure by others
- Panels available in matte finish, low solar heat gain versions, variety of colors, to provide character and diffuse lighting without glare
- Head and sill conditions can be framed or unframed
- Fully fabricated, ready for installation
- Long panels eliminate the need for horizontal interruptions in the glazing and can be cold-formed to a radius



KEY ELEMENTS



TEST RESULTS

I Flammability Testing

- Self-ignition: ASTM D-1929
- Smoke Density: ASTM D-2843
- Burn Extent: ASTM D-635
- Interior Flame Spread: ASTM E-84

I Weathering Testing

- Color Change: ASTM D-2244
- Yellowing Index: ASTM D-1925
- Light Transmission: ASTM D-1003

I Miscellaneous

- Air Infiltration: ASTM E-283
- Water Infiltration: ASTM E-331
- Load Bearing Capability: E-330
- U-Value: ASTM C-518