



LIGHTWALL 8000 translucent polycarbonate system is ideal for screen applications, capable of long spans with minimal structural support. The system provides a continuous screen, specifically beneficial for backlighting applications where shadows from the supporting structure are a concern.

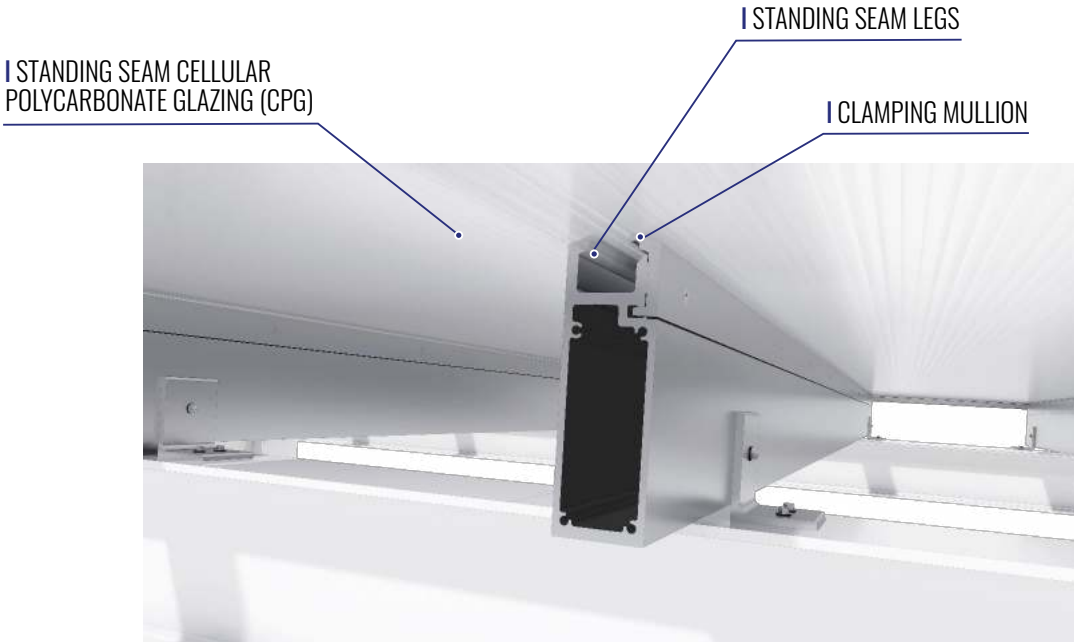
The EXTECH series 8000 is comprised of a clamping structural mullion designed for high wind load and long span conditions. This system uses standing seam cellular polycarbonate glazing panels for outstanding durability, and features an internal gasketed water stop for long term performance.

## SYSTEM FEATURES & BENEFITS

- Unique clamping mullion using standing seam structural cellular polycarbonate panels
- Designed especially for high wind conditions.
- Translucent polycarbonate panels are ideal for backlit screen applications
- System can be self-supporting to required loads or act as an overlay to structure by others
- Panels available in a variety of finishes and colors, to provide character and diffuse lighting without glare
- 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