



The LIGHTWALL® 3440 is our most popular daylighting system. The 3440 system offers beauty, durability, and economy with vertical panels that can extend up to 54 feet long and eliminate leak-prone horizontal joints.

Translucent polycarbonate wall panels offer a host of benefits including daylighting energy savings, outstanding insulating value, and elimination of leak-prone horizontal joints. Our sustainable aluminum framing and polycarbonate panels are 100% recyclable and can help you receive LEED credits for daylighting. The LIGHTWALL® 3440 has provided façade solutions for

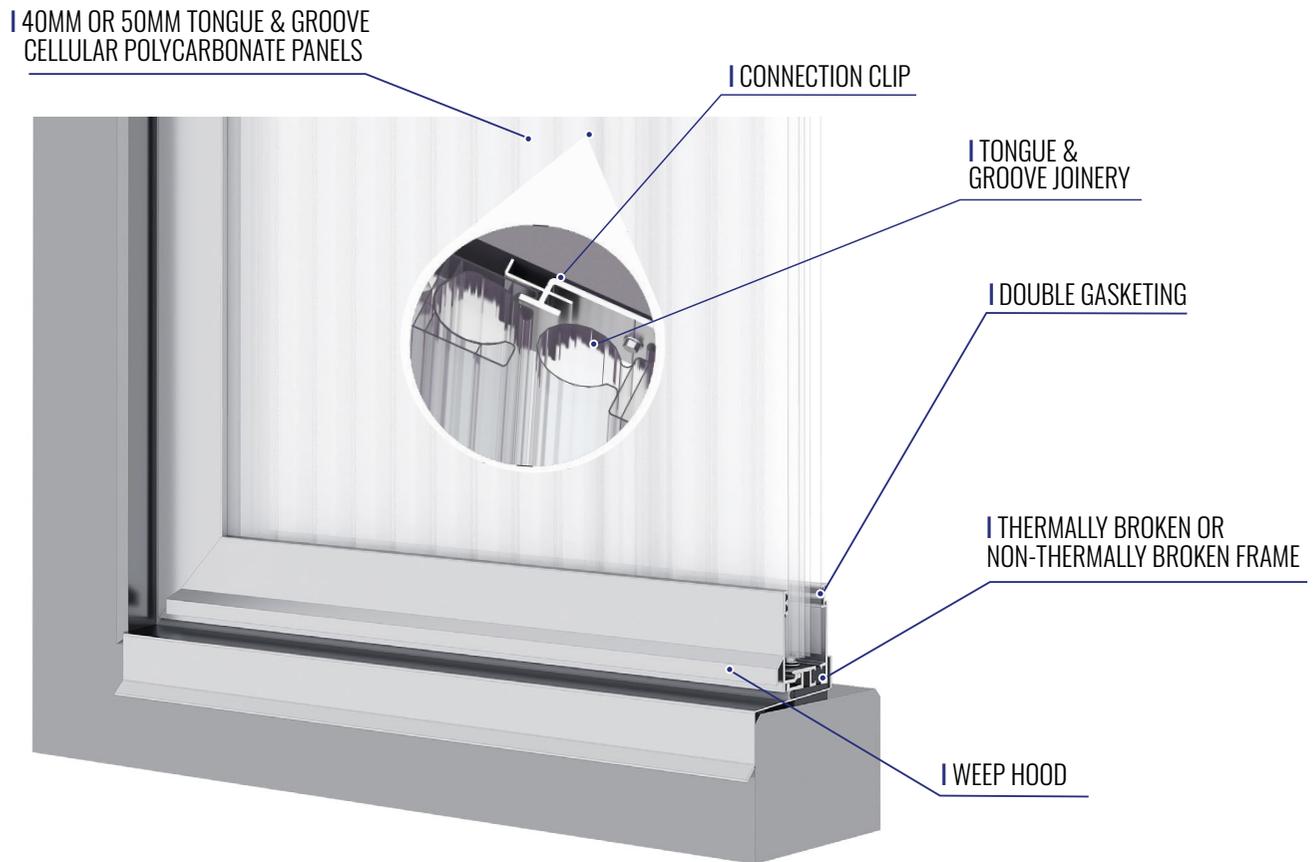
a wide range of structures in a wide range of industries and has been subjected to testing to meet building code standards. The LIGHTWALL® 3440 offers comfortable, diffused daylighting, superior insulation, durability, and weather-tight performance.

SYSTEM FEATURES & BENEFITS

- Structural cellular polycarbonate panels are 500mm (19-11/16") wide
- Vertical panels up to 54' long eliminate leak-prone horizontal joints
- Highly insulating, U-0.28 (R-3.57) for 40mm thick panels (standard opal or clear)
- Optional thermal break for better insulation value for conditioned spaces
- Tongue and Groove joinery provides clean appearance without the need for vertical framing
- Highly impact resistant
- Low friction gaskets for long life
- Available in various colors and translucencies
- Complete Air/Water/Structural Testing
- Made in the USA
- Backed by EXTECH's more than 45 years of experience



KEY ELEMENTS



TEST RESULTS

Flammability Testing

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

Weathering Testing

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

Miscellaneous

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