

EXTECH's SKYSHADE® 3700 is a versatile canopy system that accepts polycarbonate panels and glass. This system features an aluminum frame, designed to be self-supporting. The SKYSHADE® 3700 has aluminum pressure caps and rafter extrusions that allow for medium to long span conditions.

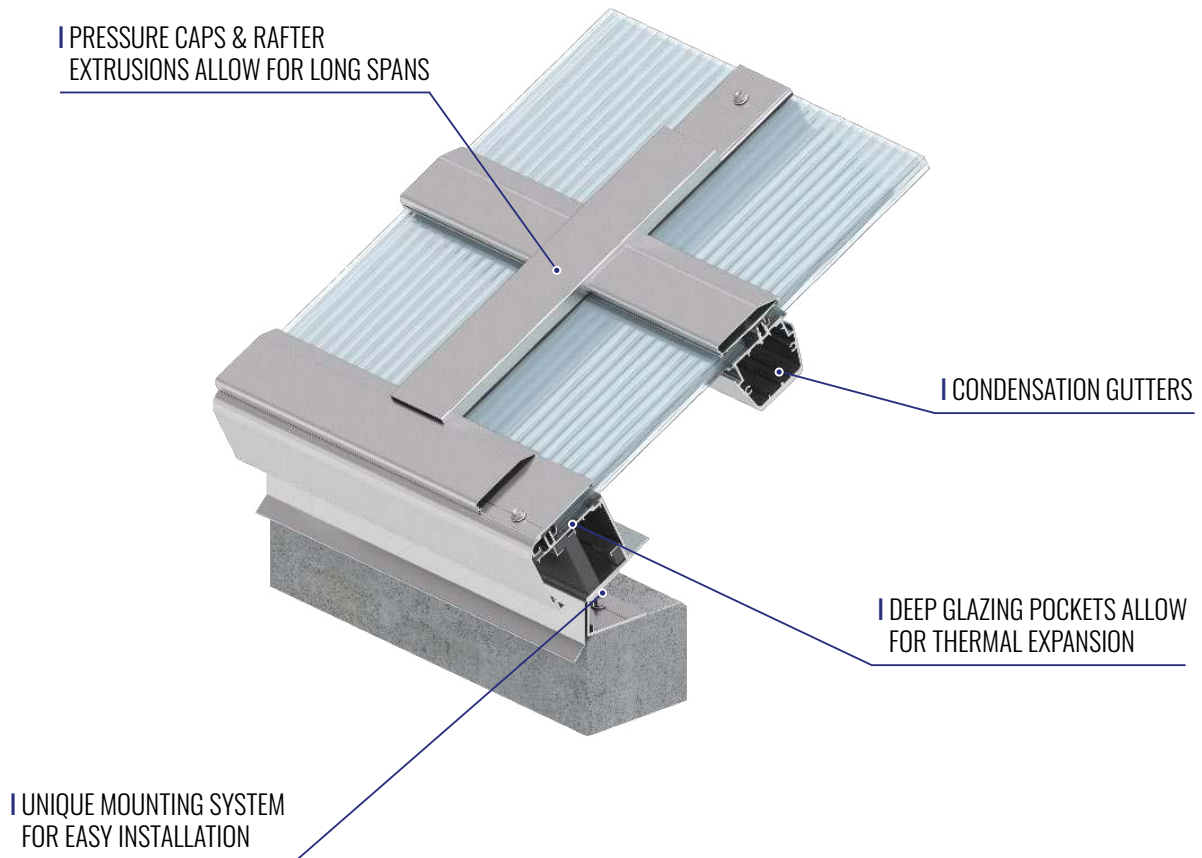
The SKYSHADE® 3700 utilizes EXTECH's unique stainless steel pin mounting system, which simplifies connection of horizontal framing to vertical framing. Our framing system controls leakage and condensation with integral gutters and "pressure equalized" design – features which aid in water penetration control. The SKYSHADE® 3700 is thermally improved by incorporating non-conductive spacers, which separate the exterior framing from the interior framing.

SYSTEM FEATURES & BENEFITS

- Designed to be self-supporting and can span large openings
- Deep glazing pockets (rabbet depth) allow thermal movement of glazing
- Dry glazed, incorporating low friction gasketing
- Leakage and condensation are controlled by separate gutters
- "Pressure equalized" design aids in water infiltration control
- Overlapping joinery provides excellent air & water infiltration resistance
- Simple connection of horizontal to vertical framing using EXTECH's unique stainless steel pin mounting system allows easy installation
- Lightweight translucent polycarbonate panels reduce installation costs
- Thermally improved framing
- Optional cosmetic aluminum cover caps
- Multiple panel colors and translucencies available
- Accepts Monolithic or cellular polycarbonate, acrylic sheets, or glass from 1/4" (6mm) to 1" (25mm) thick



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: ASTM C-518