



The SKYGARD 3300 is a commercial skylight system with aluminum mullions that can fit a variety of glazing panels and widths. This flexible, non-structural 'skin' system is designed primarily for monolithic or cellular polycarbonate glazing, although glass can be used.

The system utilizes existing substructure and requires continuous

support. It is ideal for over-glazing or retrofit applications where existing structural members will remain in place.

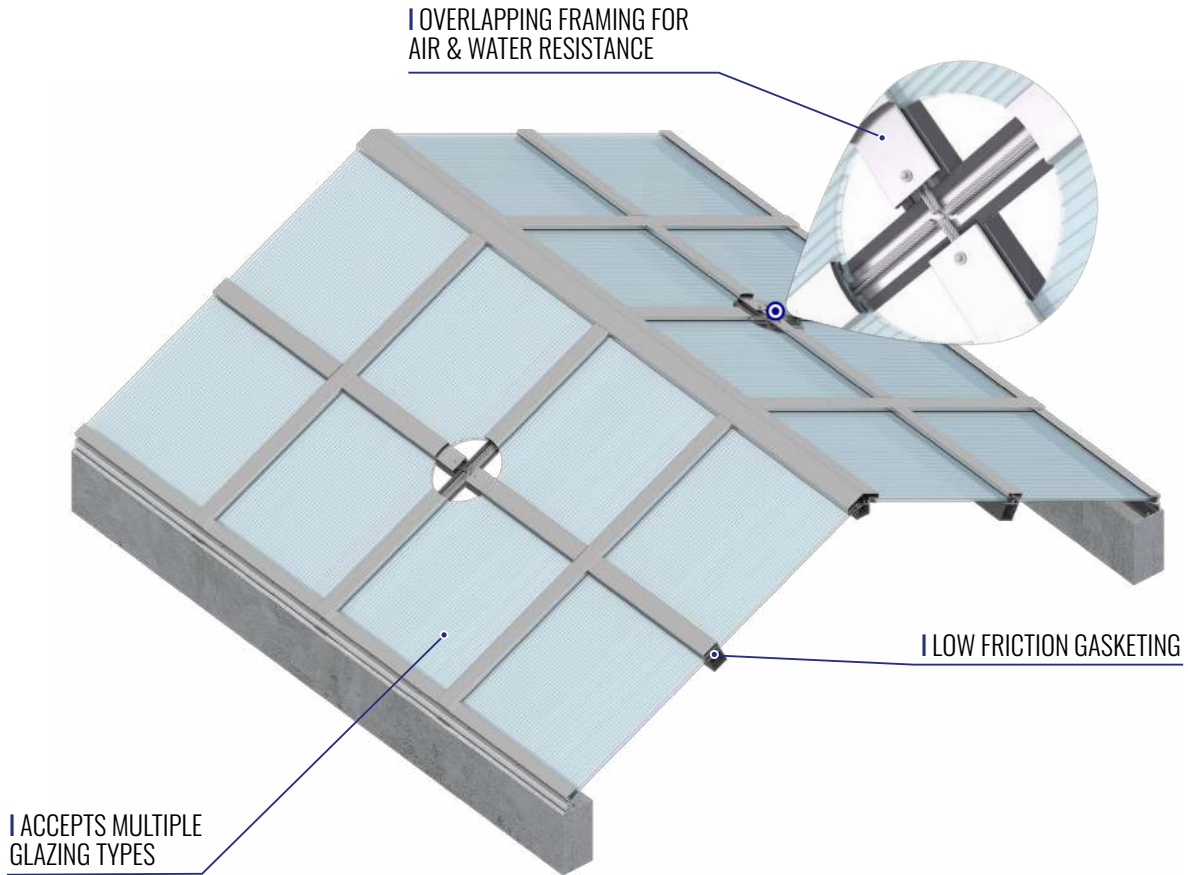
The SKYGARD 3300 is used in a wide range of building types, from airline hangars to industrial factories to recreational facilities.

## SYSTEM FEATURES AND BENEFITS

- Accepts glass, monolithic, or cellular polycarbonate sheets from ¼" (6mm) to 1" (25mm) thick
- Deep glazing pockets (rabbet depth) accept thermal movement of thermoplastic glazing
- Dry glazed, incorporating low friction gaskets to reduce noise caused by movement of the glazing
- Glazing gaskets have a low coefficient of friction surface to allow for thermal movement
- Finish on aluminum framing can be anodized or high-performance factory baked paints
- Lightweight components designed to attach to the existing structure
- Features pressure equalization system
- Plastic spacers for thermal improvement of the system as well as positive stops to control gasket pressure
- Aluminum framing is overlapped at intersections for superior air and water resistance



## 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
- Hurricane Impact: ASTM E-1886 & 1996

### I Miscellaneous

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