

# SpiderCanopy

## Glass Canopy System

**The Austvision SpiderCanopy System can be used for both residential and commercial applications requiring large panes and support spans for high design wind, snow and live loads.**

The SpiderCanopy System utilises Austvision 445 series or 446 series spider fittings to transfer the loads from the glass to the supporting members. Use of the spider fittings reduces installation time and provides ease of adjustment on site.

Fixed disc or swivel fittings can be used, which are designed with 6° rotation in any direction and these reduce the stresses around the glass holes compared to conventional fixed disc fittings.

### Types

The SpiderCanopy System has 4 fixing options;

- 443 series – 4 way or 2 way light duty spider fittings
- 444 series – 4 way or 2 way light duty spider fittings
- 445 series – 4 way or 2 way heavy duty spider fittings
- 446 series – 4 way or 2 way heavy duty spider fittings

Glass fixings can be M10 CSK Disc or 60/22-22n swivel disc to suit the application and glass thickness

### Material and Finish

All spider fittings are cast 316 marine grade satin stainless steel, in satin or polished finish.

### Installation

The SpiderCanopy can be used with Metro GlassTech TempaFloat, TempaSoak, TempaScreen or TempaPrint Toughened Safety Glass (TSG) or SafeLite Toughened Laminated Safety Glass (TLSG).

*Note that breakage characteristic and edge protection requirements may alter with different types of interlayer*

### Benefits

- Easy to measure and install
- Suitable for 10mm to 19mm TSG
- Suitable for 11.5 to 22 TLSG
- Good corrosion resistance
- Swivel fittings to reduce glass stresses around holes

### Compliance

SpiderCanopy Systems requires specific design on a project basis subject to design loads.



MFG is a Division of



**Metro Frameless Glass Systems**  
Unit O, 35 Maurice Rd, Penrose, Auckland  
Ph: 09 622 2643 Fax: 09 622 2648  
[www.metroframeless.co.nz](http://www.metroframeless.co.nz)