



## PRODUCT

# ThermoTech™ Point Fixed IGU's

**ThermoTech™ Point Fixed IGU's continue the theme of performance glass without compromising natural light.**

**ThermoTech™ Point Fixed IGU's**, supported by spider fittings, glass fins or cable trusses allow for less obtrusive framing systems than the traditional framed glazing techniques.

Without compromising natural light but enhancing performance, **ThermoTech™ Point Fixed IGU's** can now insulate large foyers of office buildings, airports, museums, art galleries and so on.

## Considerations

- Heat soak treatment is strongly recommended for toughened glass.
- All performance data is calculated using LBNL Windows 7.4 software based on AFRC 100-2010 conditions and is centre of glass value.
- The maximum edge deflection of an IGU under serviceability limit state actions is recommended to be no greater than span over 175.
- Articulated bolt fittings are recommended.
- The fixings are recommended to be 100mm away from the edges.

## Features and Benefits

- Processed into toughened or toughened laminated.
- Several glass combinations available (Clear, Toned, Low E, High Performance Coatings).
- Available in 4 pin, 6 pin and 8 pin support.
- The flexibility of the TPS spacer used between the glass panels, combined with a secondary seal and the fittings, allow for the double glazed units to move under wind pressure without compromising the seal.

## Applications

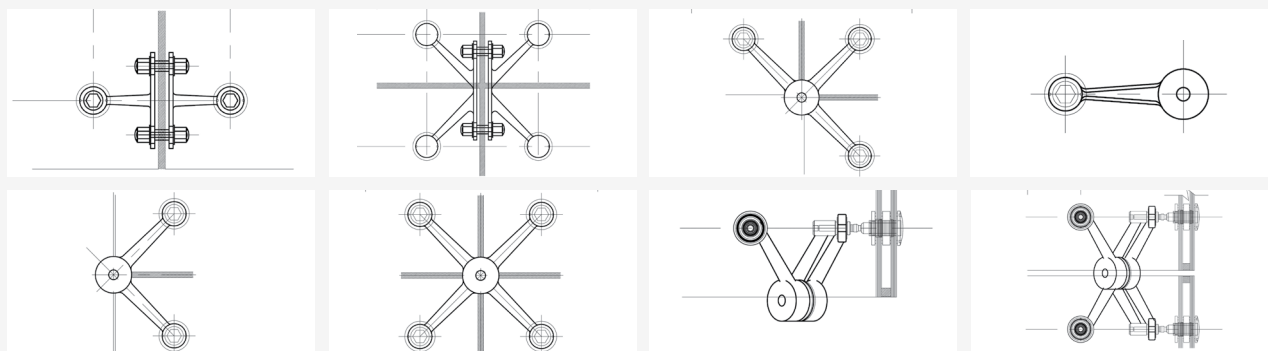
- Facades

## Maximum Size

- 4500mm x 2700mm

## How to Specify

- **Select glass name**  
ThermoTech™ Point Fixed IGU's
- **Select thickness - process**  
Minimum 8+12+8 – Toughened



## Performance Comparison

Glass type - IGU	Nominal Thickness (mm)	VLT	U Value	SHGC
10mm Clear / 12 Argon / 10mm Clear	32	76	2.5	0.62
10mm Green / 12 Argon / 10mm Clear	32	57	2.5	0.38
10mm Grey / 12 Argon / 10mm Clear	32	22	2.5	0.35
10mm SolTech™ (2) / 12 Argon / 10mm Clear	32	53	1.6	0.43
10mm Green / 12 Argon / 10mm EnergyTech™ (3)	32	53	1.6	0.33
10mm Grey / 12 Argon / 10mm EnergyTech™ (3)	32	21	1.6	0.30

For other thicknesses and data contact Viridian

ThermoTech™ is a trademark of Viridian Glass