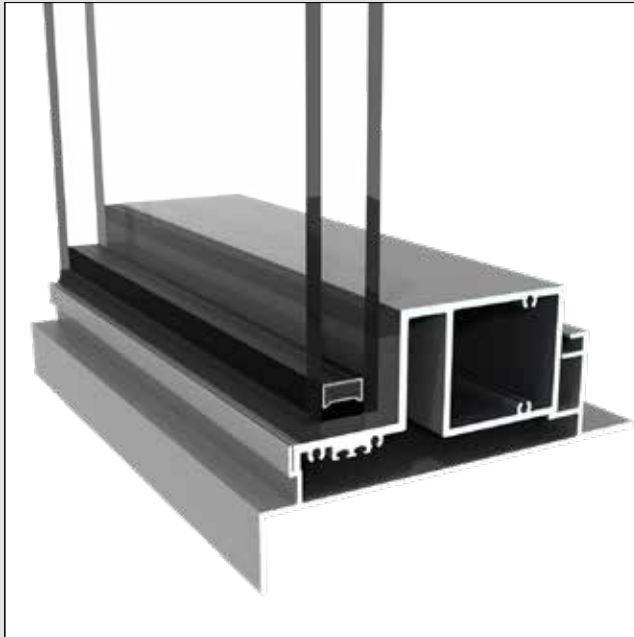


# 125mm, 150mm and 168mm Structural Glaze Systems



125mm structural glaze seismic sill.

## Key Features

- For low to high rise applications
- Three systems with different levels of performance available
- A four-sided structural glazed, fully panelised system
- Glazing is on the outer edge of the extrusions, reducing the visual effect of aluminium as viewed from the outside
- The 168mm system has a thermally broken and shielded option available
- Unobtrusive opening sashes for natural ventilation
- Single and double glazing options, including within the same façade with retention of the glass plane
- Sun control fins can be applied to the outside of transoms to aid solar control and accentuate the horizontal line
- Can be used as a strip curtain wall system
- Can accommodate interfloor deflection, 125mm series - 14mm, 150mm series - 24mm, 168mm series - 22mm.



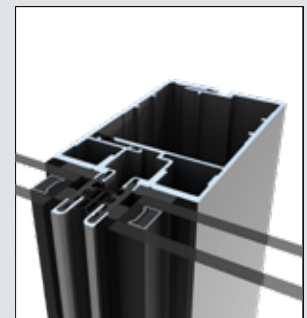
125mm structural glaze transom.



125mm transom and opening sash below.



150mm structural glaze mullion.



168mm thermally broken mullion.

## Specifications

### Dimensions

Capable of a range of spans depending on aspect ratio, mullion spacing and wind pressure. Consult your manufacturer for specific information

### Maximum Glass Thickness

Single glazing 18mm and 38mm IGU

### Thermal Values

Consult APL Technical Department

### Performance

Tested to Very High and Specific Design wind zone. Projects may require project specific testing

## Design Considerations

- Structural glazed systems are generally pre-assembled in sections at the factory and joined and sealed on site
- Frames are glazed on site
- Where thermal efficiency is a high priority, the 168mm thermally shielded system is recommended
- Shop drawings can be supplied when specified
- Project-specific flashings and brackets are often required and are supplied by the window manufacturer
- Compatible with Magnum commercial doors
- Opening windows can be included in the façade.