

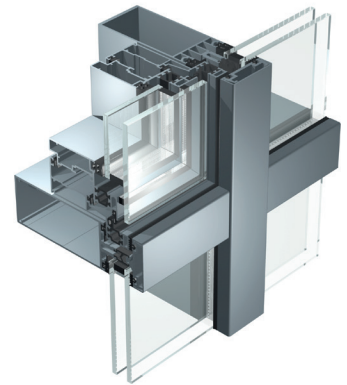


SL50 System

The SL50 is a capped 'mullion drained' curtain walling system designed to offer the highest performance through a combination of profile design and thermal optimisation.

Offering complete flexibility of design and functionality, the SL50 has a range of glazing infills and face caps to suit any project. Our drainage and ventilation system, sited within glazing rebates, ensures an attractive finish with optimal weather performance.

The system is available in a variety of mullion depths, as well as an enhanced thermal performance variant. For added design flexibility, the system can be faceted, curved or sloped, and drainage can be achieved through the mullion. The system has been tested to CWCT Sequence B and has been designed to be fully integrated with AluK window, door and brise soleil systems to provide a complete façade solution.



DESIGN FEATURES

- › 7.5° angles can be created with a faceted mullion without changing the glazing gasket
- › Hybrid mullion allowing a direct fix to steel / timber structures
- › Design features such as concealed vent options, purlin and eave details
- › Consistent slim 50mm sightlines throughout

OPTIONS

- › 11 mullion and 9 transom options to overcome most design challenges
- › Concealed drainage options for maximum drainage efficiency
- › Glazing and infill range from 6mm-44mm
- › Variety of face cap options
- › Slim cap options available at 2.5mm
- › Fully integrates with AluK window and door systems

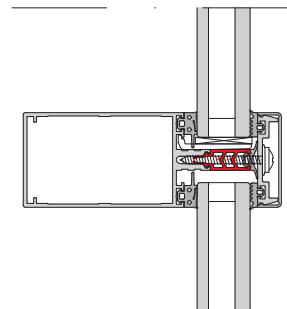
SPECIFICATIONS

Performance and accreditations	SL50
Air Permeability	Class A4 (600 Pa)
Water Tightness	RE1200
Wind Resistance	2400 Pa
Acoustic Performance	46 dB
CWCT Certified	Sequence B
System	
Width	50mm
Depth	50 - 330mm
Inserted window and door configurations	
Fixed Light	✓
Tilt & Turn	✓
Top Hung	Concealed & Framed
Side Hung	Concealed & Framed
Parallel Opening Window	Concealed & Framed
Single Door	Swinging & Sliding
Double Doors	Swinging & Sliding
Weight limits	
Fixed Light Max. Weight	690kg
Tilt & Turn Max. Weight	130kg
Top Hung Max. Weight	180kg
Side Hung Max. Weight	55kg
Parallel Opening Window Max. Weight	200kg
Glazing	
Glazing Options	Capped
Glazing Thickness	6mm - 44mm
Design	
Dry Glazed Option	✓
Faceted	✓
Sloped	✓
Curved	✓

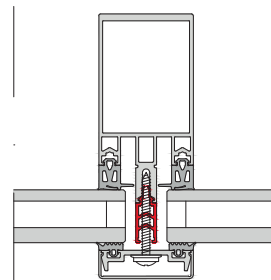
CAD CROSS SECTIONS

Additional details are available on request.

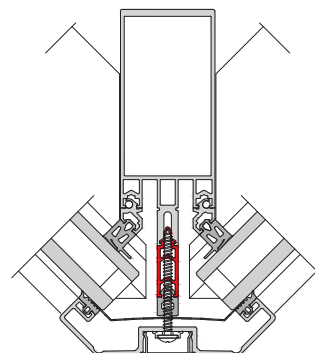
► SL50 TRANSOM



► SL50 MULLION



► SL50 CORNER DETAIL



► SL50 CONCEALED VENT

