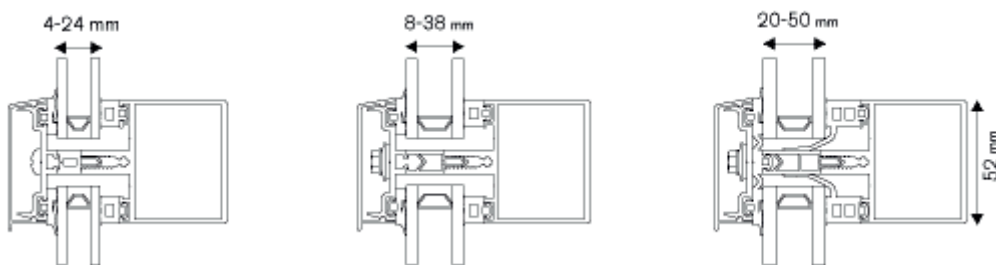


Elegance 52 ST

is an externally capped thermally broken curtain wall system that offers many design options by the use of different designer mullions and cover caps.



- A wide range of decorative cover caps (bull nose, rectangular, aerofoil, etc) gives the freedom to design visually interesting glazing.
- By combining different cover caps for horizontal and vertical applications, a wide range of external features is possible.
- Several designer mullions are available for internal design features.
- Mullions and transoms can be flush at the inside or can be specifically different to emphasize the vertical design complementing the total building design.
- Several special locations such as 90° angle mullions or variable angles have been designed with a minimal use of material allowing slim sightlines.
- By using the various designer mullions / transoms, in combination with the extensive colour range, the different options are practically unlimited.



Dimensions	
sightline:	52 mm
mullion depth:	41 - 273 mm
inertia (lxx: wind):	9,57 - 1649,7 cm ⁴
transom depth:	22,5 - 199 mm
inertia (lxx: wind):	3,67 - 515,84 cm ⁴
inertia (lyy: wind):	1,09 - 53,03 cm ⁴
Glazing	
infill thickness:	4 - 50 mm
glazing method:	dry glazed with EPDM gaskets
Performance	
thermal break:	4 - 36 mm
thermal insulation:	U _{cw} < 1,4 W/m ² K with glass U _g = 1,1 W/m ² K
air permeability:	AE 750 (EN 12152)
water tightness:	RE 750 (EN 12154)
wind resistance:	3000 Pa (EN 13116)
acoustics with glass 6/15/4:	R _w (C;Ctr) = 34 (0;-2) dB
acoustics with glass 10/15/4:	R _w (C;Ctr) = 36 (-1;-2) dB
acoustics with glass 12/16/44.2:	R _w (C;Ctr) = 42 (-2;-5) dB