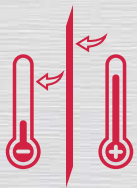
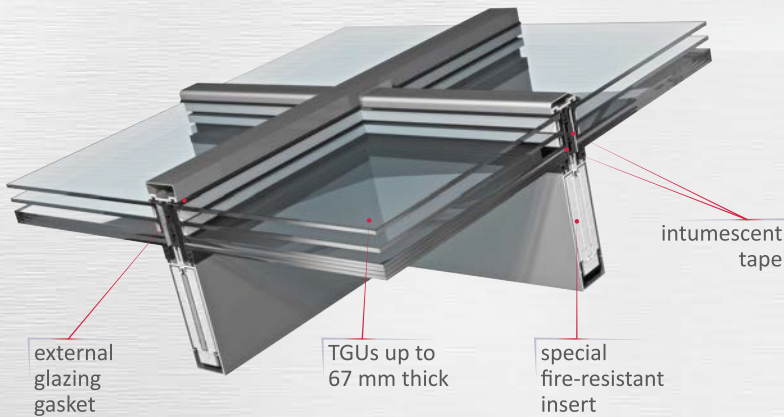


CURTAIN WALL SYSTEMS

Ponzio PFI52EI REI30/RE45



$$U_w = 1.1 \text{ W/m}^2\text{K}$$

*reference construction dimensions: L 3000 x H 4300 mm
 $U_g = 0.7 \text{ W/m}^2\text{K}$, triple glazing

Technical parameters

Filling thickness	» up to 67 mm
Mullion depth	» 85 - 196 mm
Transom depth	» 91 - 201 mm
Mullion and transom width	» 52 mm
Thermal insulation	» U_f from 1.9 W/m ² K
Thermal insulation	» U_{gw}/U_g from 1.1 W/m ² K (for $U_g = 0.7 \text{ W/m}^2\text{K}$ and structure dims. 3.0 x 4.3 m)
Air permeability	» class AE 1200
Watertightness	» class RE 1350
Classification	» REI30/RE45
Certification	» 1. ITB fire resistance classification 01561/21/R144NZP 2. classification reports 1577.1/17/Z00NZP and 1577.1/17/Z00NZP/ENG 3. 01561/16/R83NZP "Assessment of fire propagation along Ponzio PFI52 walls and roof coverings"

A variant of the Ponzio PFI52 curtain wall system designed for the construction of rooflights resistant to internal fire REI30/RE45 in acc. with EN 13501-2:2016.

- » 0° - 80° roof slopes available
- » a variable load (e.g. snow load) of 0.24 kN/m² was simulated during the test
- » maximum glazing size 900x2000 mm or 988x1500 mm
- » triangular and trapezoid glazing shapes possible
- » no limit to roof width, the size of the roof is only limited by maximum rafter and purlin stress
- » TGUs up to 67 mm thick may be used

