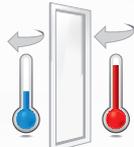
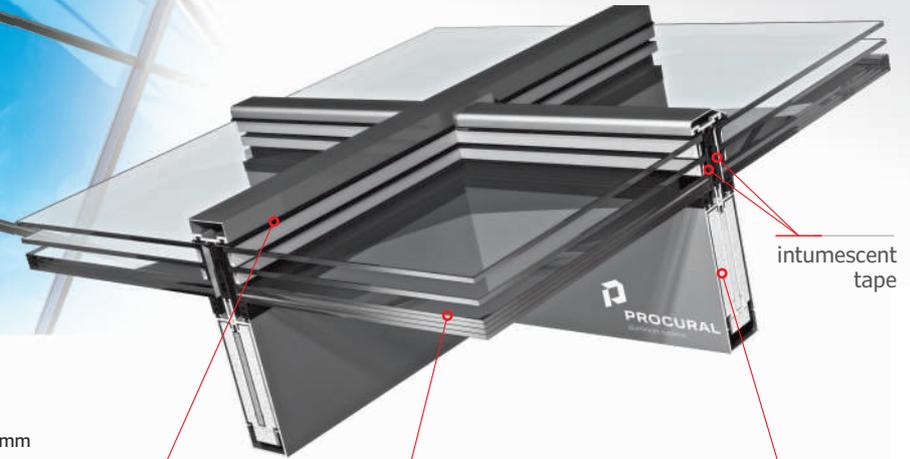
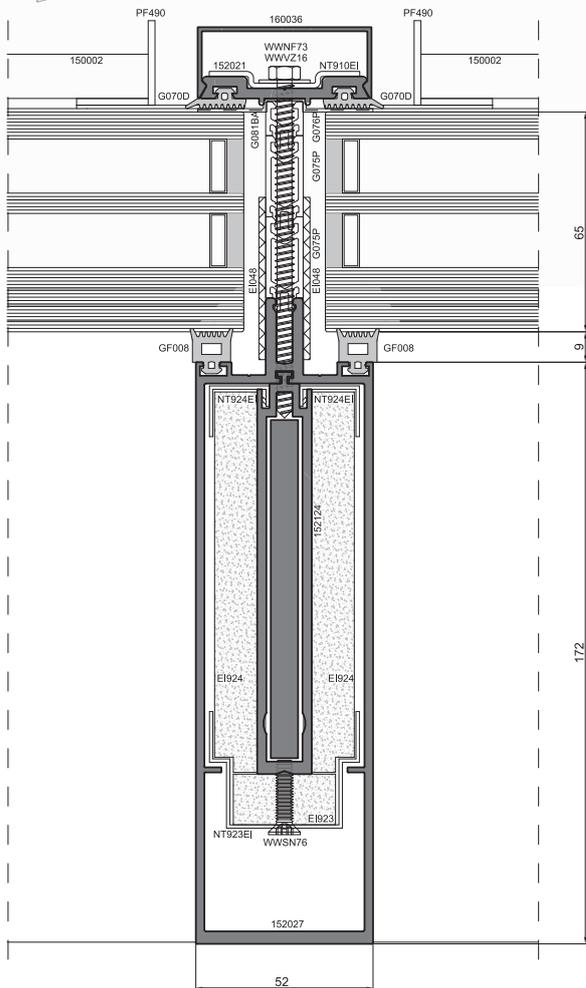


### CURTAIN WALL SYSTEMS



$$U_{cw} = 1.1 \text{ W}/(\text{m}^2\text{K})$$

\*reference construction dimensions: L 3000 x H 4300 mm  
 $U_g = 0,7 \text{ W}/(\text{m}^2\text{K})$ , triple glazing



external  
glazing  
gasket

TGUs up to  
67 mm thick

special  
fire-resistant  
insert

intumescent  
tape

**A variant of the PF152 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/m<sup>2</sup> 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
- glazed roof may be connected with a PROCURAL PF152EI fire-resistant curtain wall

### TECHNICAL PARAMETERS

Filling thickness	do 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 <sup>2</sup> K) $U_{cw}/U_w$ from 1.1 W/(m <sup>2</sup> K) <small>(for <math>U_g=0.7 \text{ W}/\text{m}^2\text{K}</math> and structure dims. 3.0 x 4.3 m)</small>
Air permeability	class AE 1200
Watertightness	class RE 1350
Classification	REI30/RE45

### Certification

1. Durability and functionality properties, weathertightness and safety of use technical assessment of the glazed roof covering kit: 01561/18/R110NZE
2. Walls and roof coverings fire spreading assessment: 01561/16/R83NZP
3. ITB fire-resistance classification: 01561/21/R144NZP
4. Fire resistance classification in acc. with EN 13501-2: 1577.1/17/Z00NZP