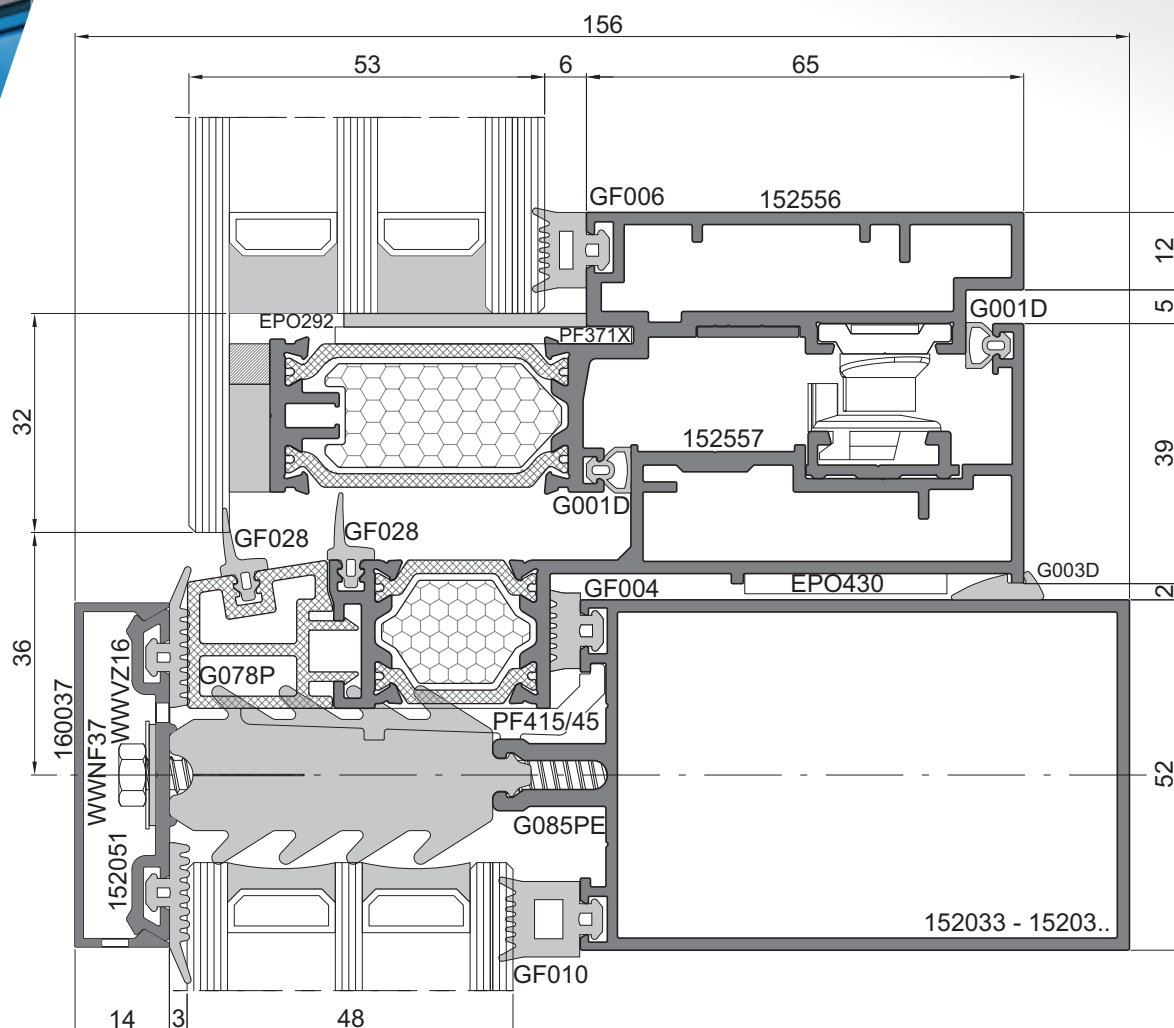


$$U_{cw} = 0.62 \text{ W}/(\text{m}^2\text{K})$$

*reference construction dimensions: L 1200 x H 2500 mm
 $U_g = 0.5 \text{ W}/\text{m}^2\text{K}$, triple glazing

A high thermal performance mullion-transom system designed for the construction of curtain walls, roofs, rooflights with improved thermal characteristics

- ▀ high thermal insulation, sound reduction, watertightness and resistance to wind load performance values
- ▀ the PF152HI PASSIVE variant is certified by the Passivhaus Institut in Darmstadt (pH class)
- ▀ solutions for steel and wooden subconstructions
- ▀ fire-resistant spandrel solutions available (EI60 class)
- ▀ external cover profile width - 51 mm
- ▀ wide range of possible geometrical designs and colours
- ▀ several types of external decorative elements available
- ▀ "horizontal" or "vertical" line constructions
- ▀ profile bending possible
- ▀ PROCURAL system windows may be used as filling
- ▀ maximum filling weight 1000 kg
- ▀ interconnected with other PROCURAL systems



TECHNICAL PARAMETERS

Filling thickness	6 - 66 mm for curtain walls, 24 - 60 mm for windows
Mullion and transom width	52 mm
Thermal insulation	U_f from 1.0 W/(m ² K) U_{cw}/U_w from 0.62 W/(m ² K)
Air permeability	class AE 2400
Watertightness	class RE 2700 (2700 Pa)
Sound reduction	$R_w = 41$ dB
Resistance to impact	class E5/I5
Resistance to wind load	class 2400 Pa, safety test: E 3600 Pa
Resistance to burglary	class RC2, RC3 in acc. with PN-EN 1627
Filling fixing method	using pressure plates and cover profiles

Certification

type testing in acc. with EN 13830, certified by the Passivhaus Institut in Darmstadt