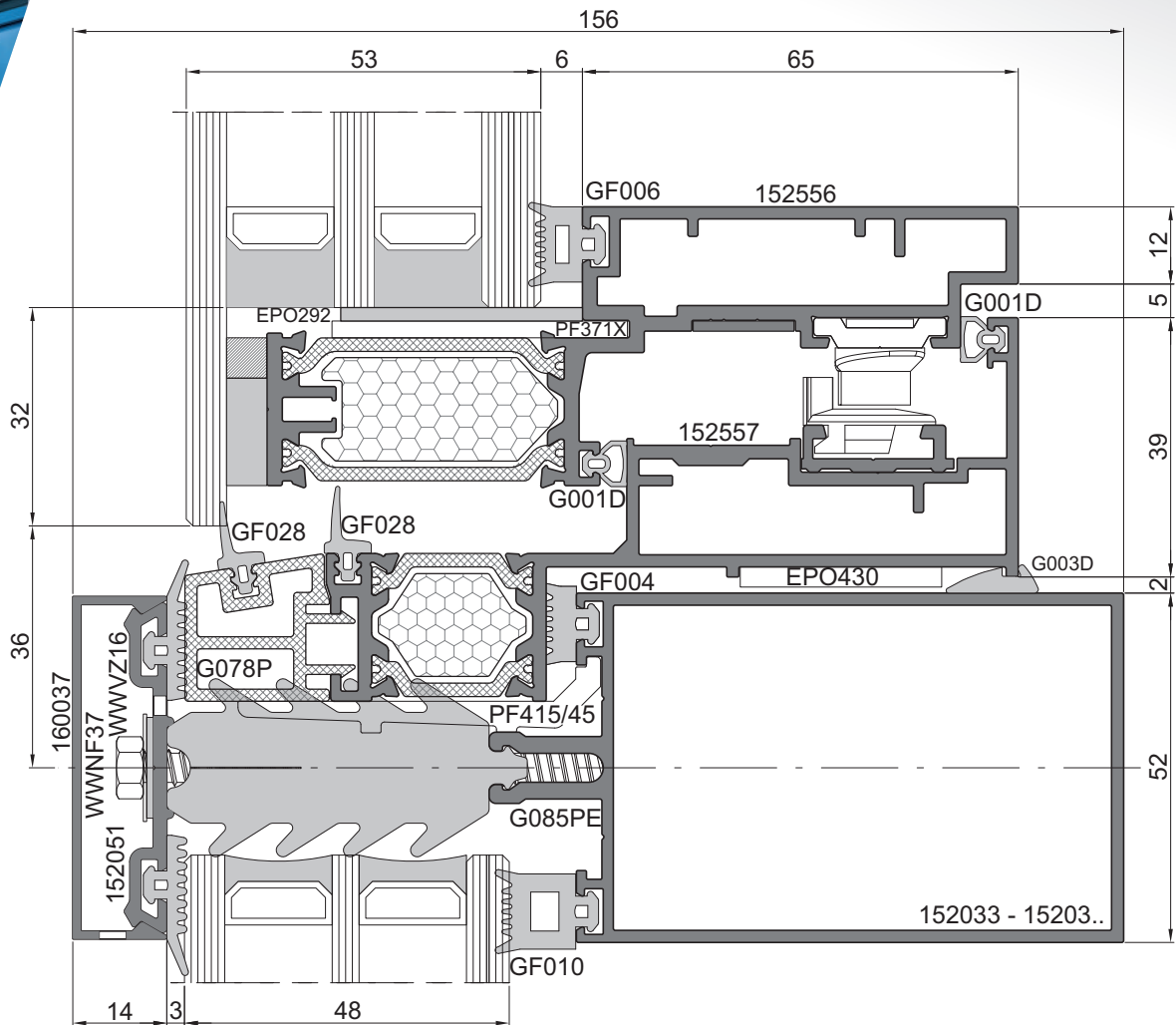


$$U_{cw} = 0.62 \text{ W}/(\text{m}^2\text{K})$$

\*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
- ▀ "SLIM" variant available with 15 mm internal (visible) profile of mullions and transoms



## TECHNICAL PARAMETERS

<b>Filling thickness</b>	6 - 66 mm for curtain walls, 24 - 74 mm for windows
<b>Mullion and transom width</b>	52 mm
<b>Thermal insulation</b>	$U_f$ from 0.93 W/(m <sup>2</sup> K) $U_{cw}/U_w$ from 0.62 W/(m <sup>2</sup> K)
<b>Air permeability</b>	class AE 2400
<b>Watertightness</b>	class RE 2700 (2700 Pa)
<b>Sound reduction</b>	$R_w = 41$ dB
<b>Resistance to impact</b>	class E5/I5
<b>Resistance to wind load</b>	class 2400 Pa, safety test: E 3600 Pa
<b>Resistance to burglary</b>	class RC2, RC3 in acc. with PN-EN 1627
<b>Filling fixing method</b>	using pressure plates and cover profiles

## Certification

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