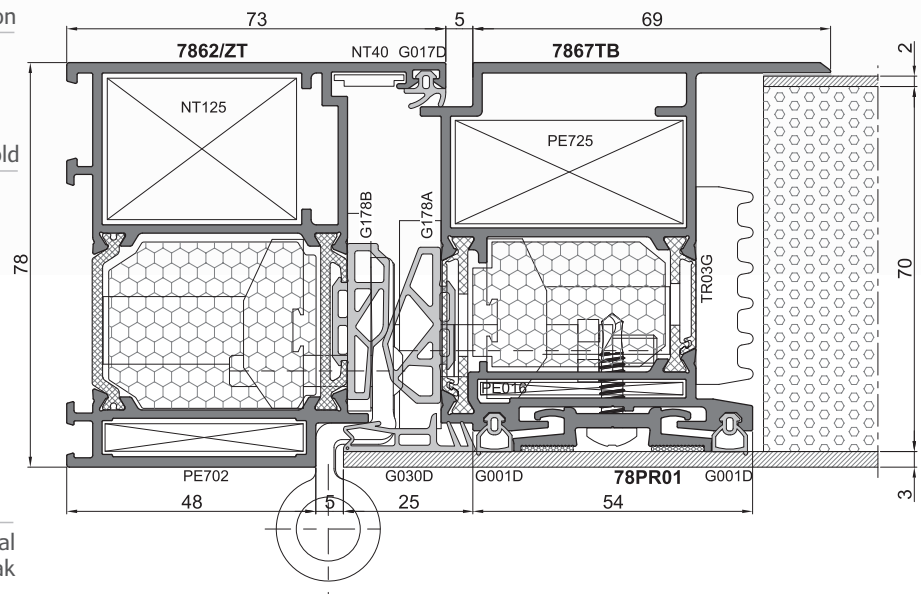


$$U_d = 0.82 \text{ W}/(\text{m}^2\text{K})$$

*reference construction dimensions: L 1230 x H 2180 mm
 $U_p = 0.44 \text{ W}/(\text{m}^2\text{K})$, insulating panel



A variant of the PE78NHI system designed for the construction of panel doors - constructions with flush visible surfaces

- greatly improved thermal performance due to the floating panel mounted on the outer surfaces of three-cavity profiles
- reduced leaf deflection resulting from temperature changes
- system featuring additional central gaskets providing even better technical parameters
- different thermal insulation variants with different insulation inserts: PE78N+, PE78NHI
- large-dimension constructions available
- profiled thermal breaks
- door leaves flush with frame
- doors easily incorporated in window sets due to special modifier profiles
- wide variety of corner joint solutions

TECHNICAL PARAMETERS

Filling thickness	panel: 75 or 78 mm
Frame and leaf depth	78 mm
Maximum leaf dimensions	L 1400 x H 2500 mm
Maximum leaf weight	over 200 kg
Air permeability	class 3
Watertightness	9A
Thermal insulation	U_f from 1.70 W/(m ² K) U_d from 0.82 W/(m ² K)
Resistance to wind load	class C2/B3
Resistance to burglary	class RC2 in acc. with EN 1627

Certification

type testing in acc. with EN 14351-1 + A2