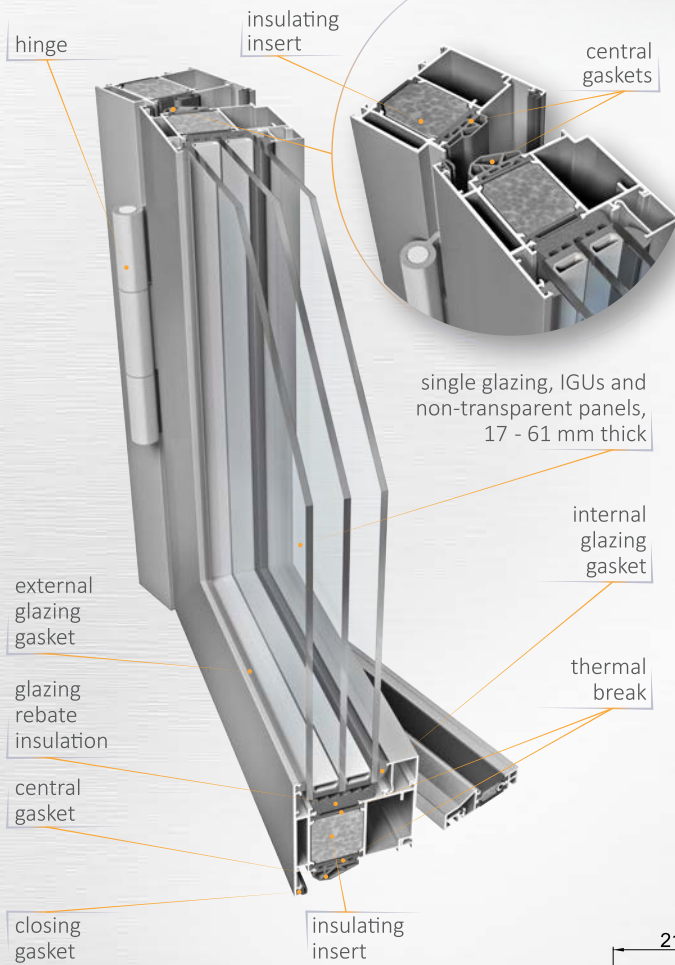


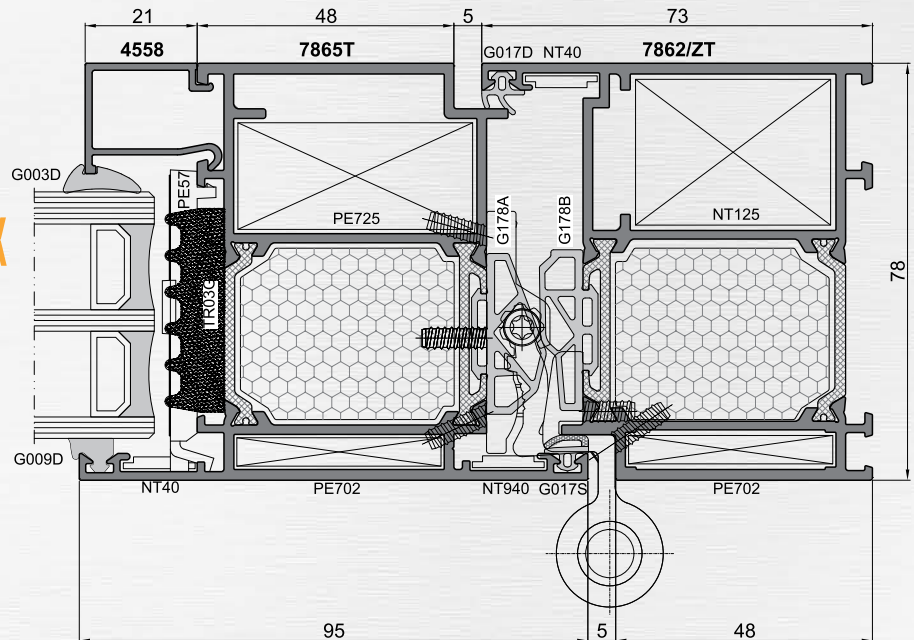
Ponzio PE78N/PE78NHI

DOORS WITH CENTRAL SEALING



An insulated, three-cavity profile system designed for the construction of doors. The addition of central sealing results in improved U_i values.

- › coplanar construction (frame-leaf gap - 18 mm)
- › Euro groove glazing beads
- › profiled 34 mm thermal breaks
- › doors easily incorporated in window sets due to special modifier profiles
- › door leafs flush with the frame
- › large-dimension constructions possible
- › wide variety of corner joint solutions
- › wide range of available hardware
- › different thermal insulation variants with different insulation inserts: PE78N+, PE78NHI, PE78NHI+
- › gasket mounted on a bespoke thermal break (available also in anti-bimetal versions)
- › special corners for gaskets - easier installation and improved corner sealing
- › new external closing gasket with a wide range of movement compensates for prefabrication and assembly errors
- › doors easily incorporated in window sets due to special modifier profiles



$$U_d = 0.89 \text{ W/m}^2\text{K}$$

*reference construction dimensions:
L 1230 x H 2180 mm, $U_g = 0.5 \text{ W/m}^2\text{K}$,
triple glazing

Technical parameters

Filling thickness	› leaf: 17 - 61 mm
Frame and leaf depth	› 78 mm
Maximum leaf dimensions	› L 1400 x H 3000 mm
Maximum leaf weight	› 280 kg
Air permeability	› class 4
Watertightness	› 1050Pa

Thermal insulation	› PE78N: U_i from 2.1 $\text{W/m}^2\text{K}$ PE78NHI: U_i from 1.4 $\text{W/m}^2\text{K}$
Thermal insulation	› PE78N: U_d from 1.10 $\text{W/m}^2\text{K}$ PE78NHI: U_d from 0.89 $\text{W/m}^2\text{K}$
Resistance to wind load	› class C2/B3
Resistance to burglary	› class RC2, RC3 in acc. with EN 1627
Certification	› type testing in acc. with EN 14351-1 + A1