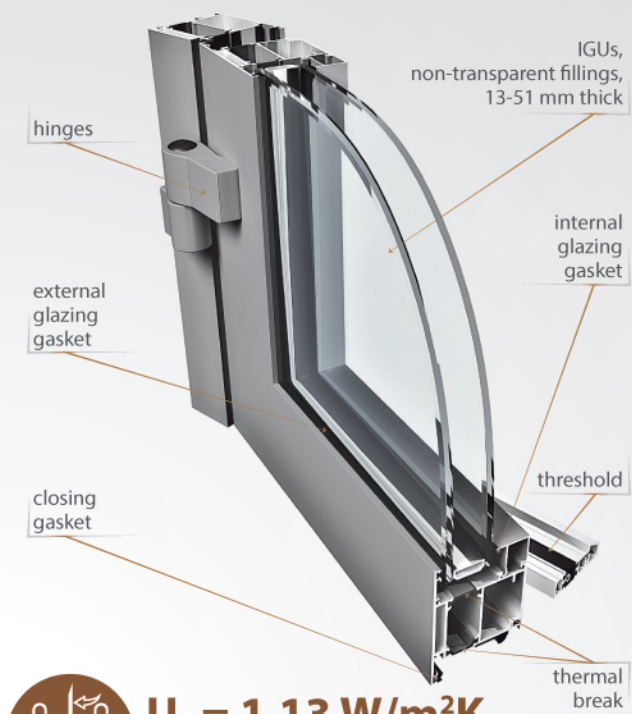


DOORS

PONZIO PE68

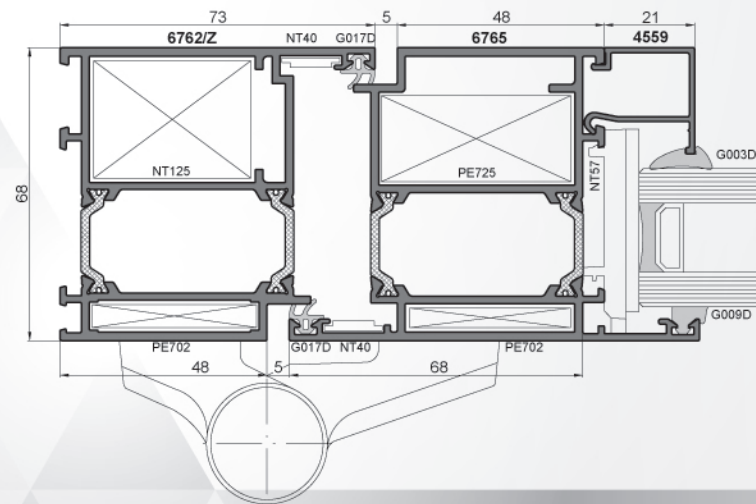


$U_d = 1.13 \text{ W/m}^2\text{K}$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5 \text{ W/m}^2\text{K}$, triple glazed unit

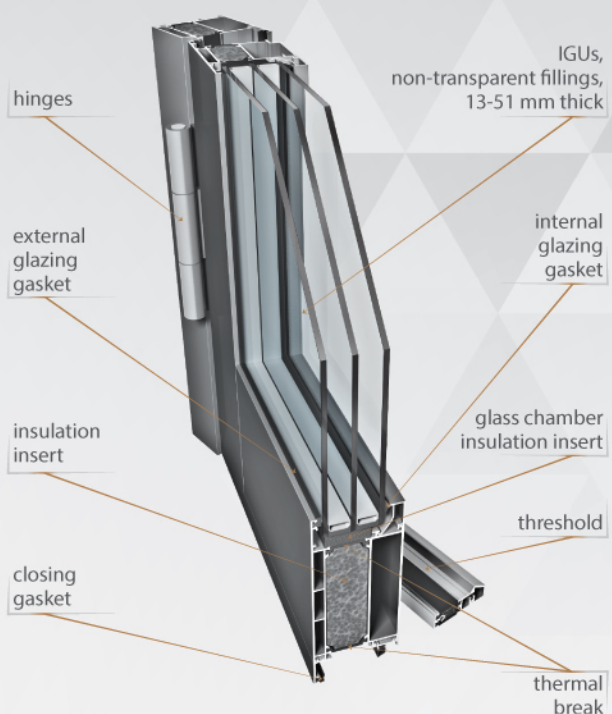
$U_d = 1.48 \text{ W/m}^2\text{K}$

$U_g = 1.0 \text{ W/m}^2\text{K}$, double glazed unit



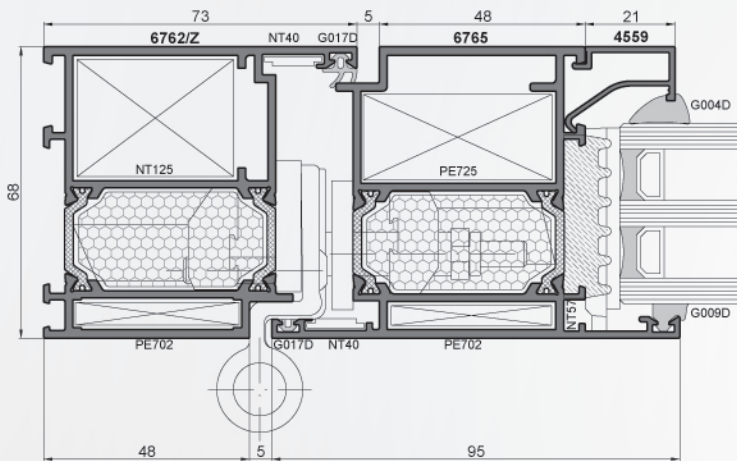
- three cavity profiles system with very good insulation properties
- coplanar doors available (18 mm groove clearance)
- same glazing beads for doors and windows
- 24 mm thermal breaks
- door frame profiles depth is 68 mm, door leaf profiles depth is 68 mm
- three cavity design provides profiles with high stiffness allowing the creation of large dimension constructions
- door leaf flush with frame
- profiles designed to enable easy connection between doors and windows
- wide variety of corner connections
- arched constructions possible
- PE68+ and PE68HI system variants depending on used insulation inserts
- wide range of hardware

PONZIO PE68HI

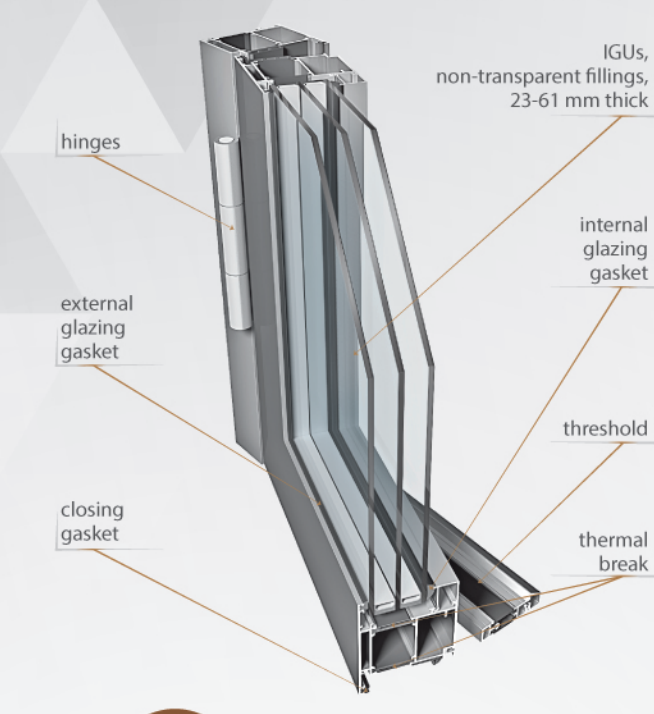


$U_d = 1.06 \text{ W/m}^2\text{K}$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5 \text{ W/m}^2\text{K}$, triple glazed unit

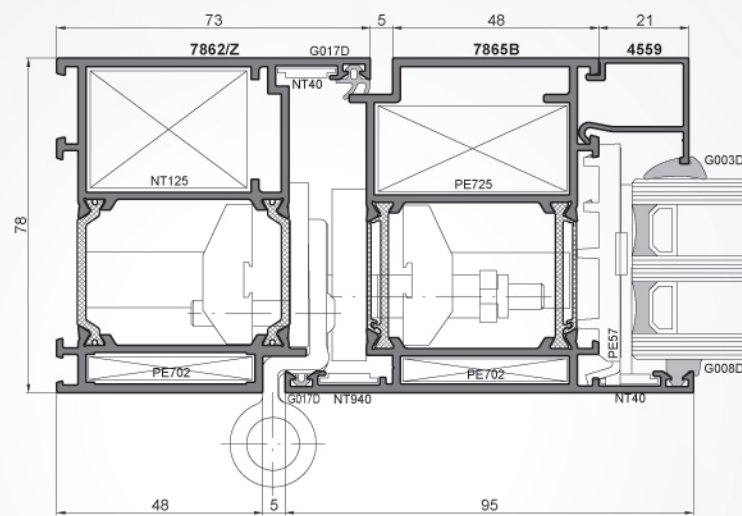


PONZIO PE78N



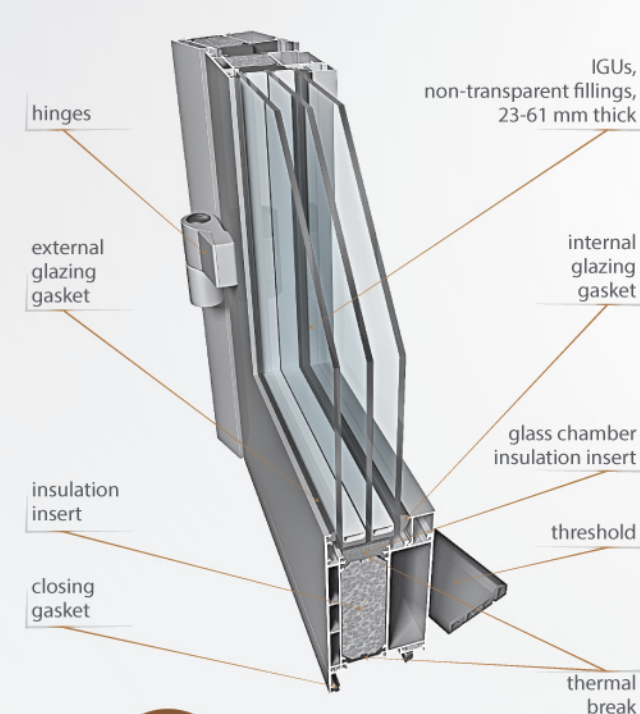
$U_d = 1.10 \text{ W/m}^2\text{K}$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5 \text{ W/m}^2\text{K}$, triple glazed unit



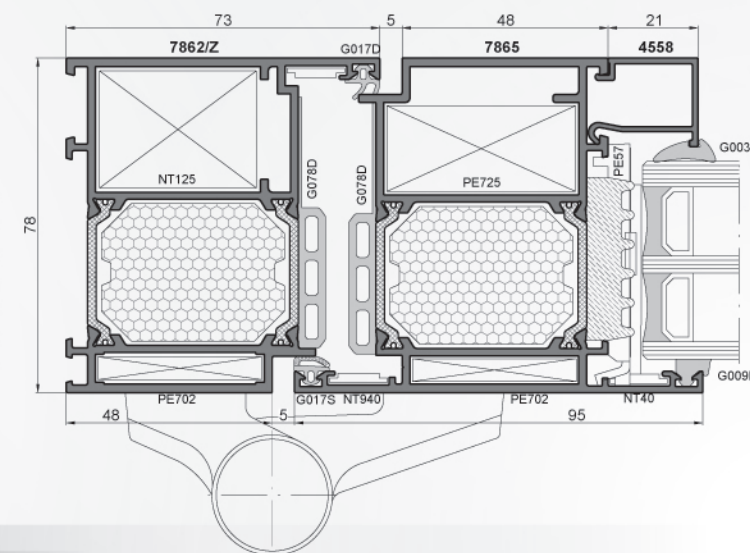
- three cavity profiles system with very good insulation properties
- coplanar doors available (18 mm groove clearance)
- same glazing beads for doors and windows
- 34 mm thermal breaks
- door frame profiles depth is 78 mm, door leaf profiles depth is 78 mm
- three cavity design provides profiles with high stiffness allowing the creation of large dimension constructions
- door leaf flush with frame
- profiles designed to enable easy connection between doors and windows
- wide variety of corner connections
- arched constructions possible
- PE78N+, PE78NHI and PE78NHI+ system variants depending on used insulation inserts
- wide range of hardware

PONZIO PE78NHI



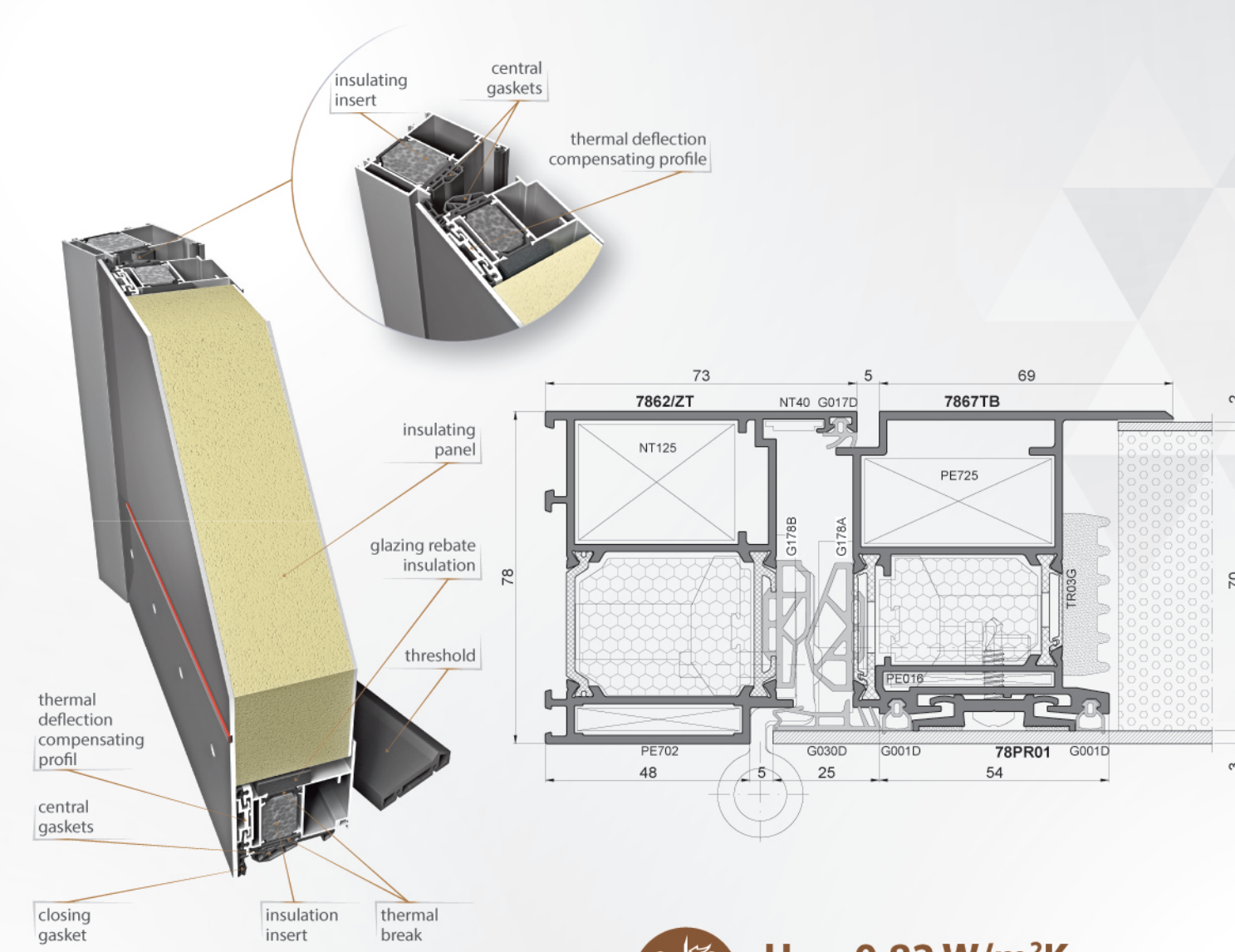
$U_d = 0.93 \text{ W/m}^2\text{K}$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5 \text{ W/m}^2\text{K}$, triple glazed unit



PANEL DOORS

PONZIO PE78NHI FLOATING PANEL DOORS

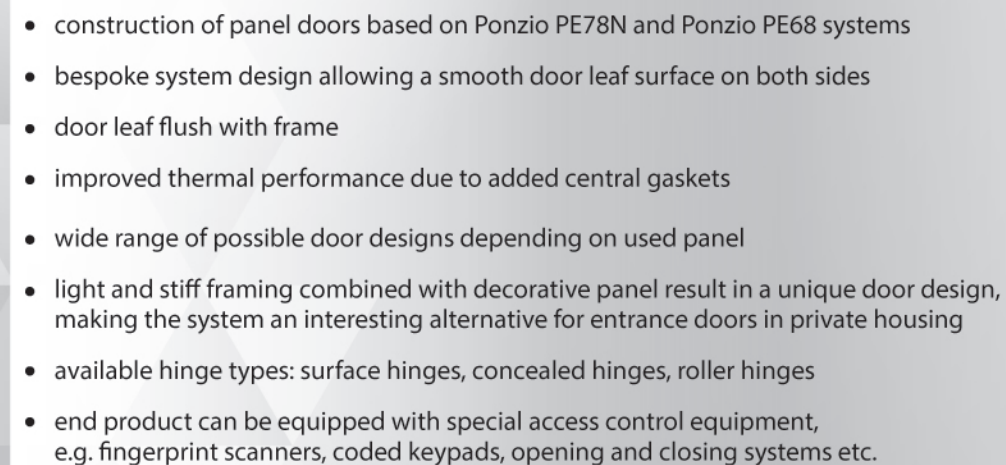


$U_d = 0.82 \text{ W/m}^2\text{K}$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5 \text{ W/m}^2\text{K}$, triple glazed unit

- construction of panel doors is based on Ponzio PE78N and Ponzio PE68 systems
- surfaces of door leaf without visual interruptions on both sides
- door leaf is aligned with door frame
- system wzbogacony o dodatkowe uszczelki centralne, dzięki którym osiąga jeszcze lepsze parametry izolacyjności termicznej U_d
- reduced thermal stress deflection
- exceptional thermal performance due to the floating panel mounted to the internal wall of the three cavity profiles
- dekoracyjne wykończenie zależy od rodzaju wybranego panelu
- lekka i sztywna konstrukcja drzwi oraz bogata paleta wzorów paneli sprawiają, że rozwiązanie - ze względu na swój indywidualny charakter - wpisuje się w ciekawy sposób zwłaszcza w architekturę domów jednorodzinnych
- możliwość zastosowania zawiasów: nawierzchniowych, ukrytych oraz rolkowych
- produkt można wyposażać w systemy wspomagające użytkowanie, takie jak: czytnik linii papilarnych, klawiatury kodowe, specjalne systemy otwierania i zamykania i wiele innych

PONZIO PE78NHI DOORS WITH CENTRAL SEALING



Heat transfer coefficient U_d calculated for W 1230 x H 2180 mm door, $U_g = 0.5 \text{ W/m}^2\text{K}$, spacer: SWISSPACER V - psi = 0.034 W/mK for triple glazed unit and psi = 0.039 W/mK for double glazed unit or $U_6 = 0.45 \text{ W/m}^2\text{K}$

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ALUMINIUM SYSTEMS

DOORS EXTERNAL