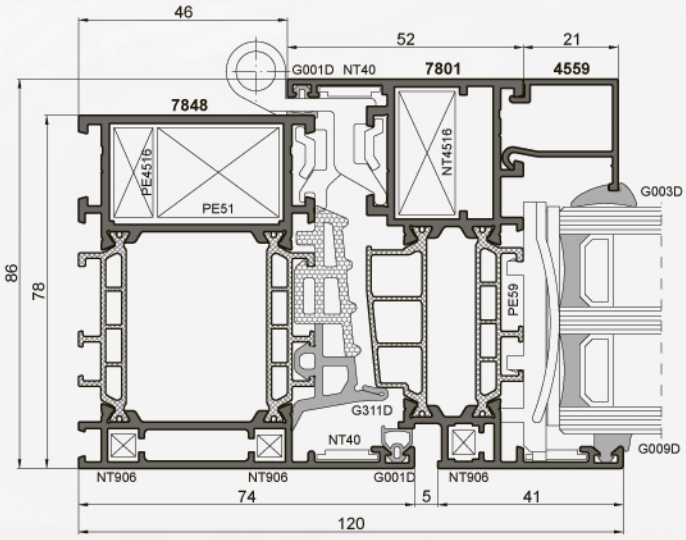
PONZIO PE78N

$U_w = 0.88\ W/m^2K$

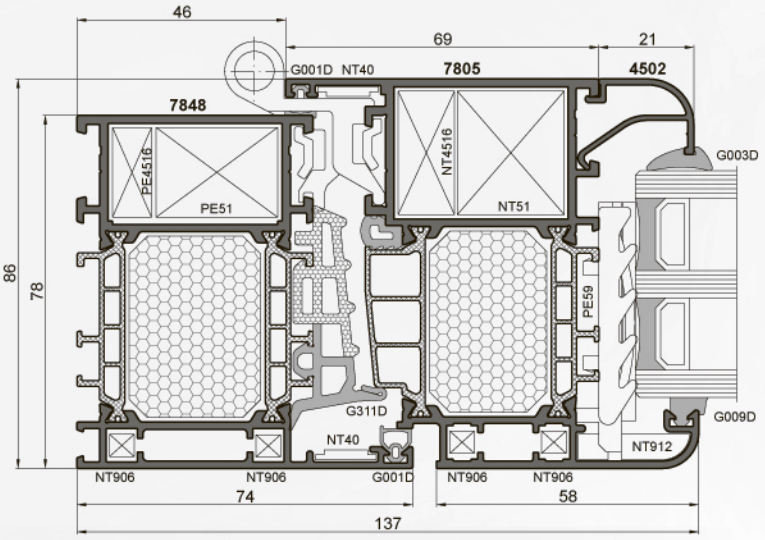
*calculated for W 1480 x H 2180 mm window and $U_g = 0.5\ W/m^2K$, triple glazed unit



PONZIO PE78NHI

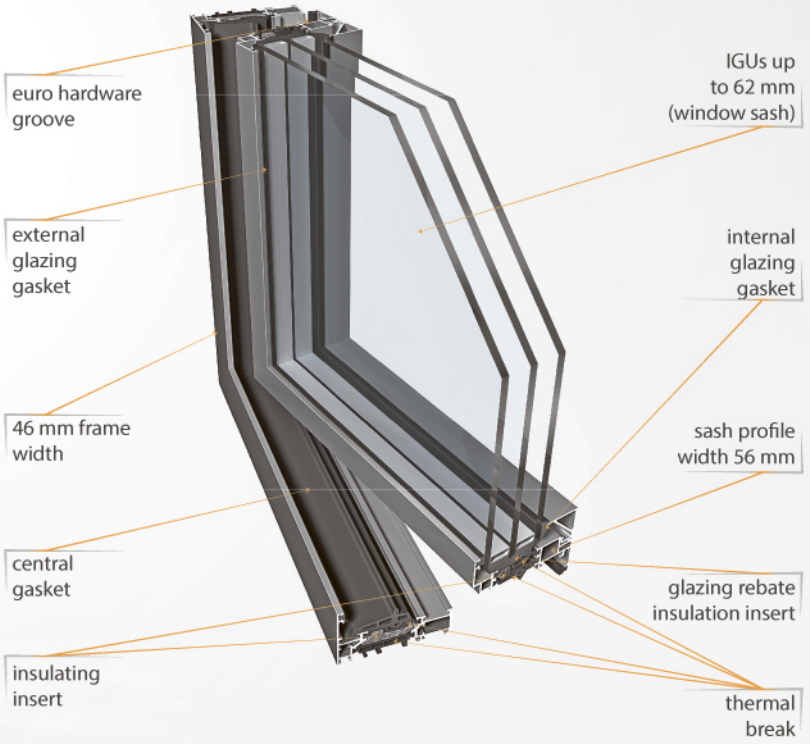
$U_w = 0.74\ W/m^2K$

*calculated for W 1480 x H 2180 mm window and $U_g = 0.5\ W/m^2K$, triple glazed unit



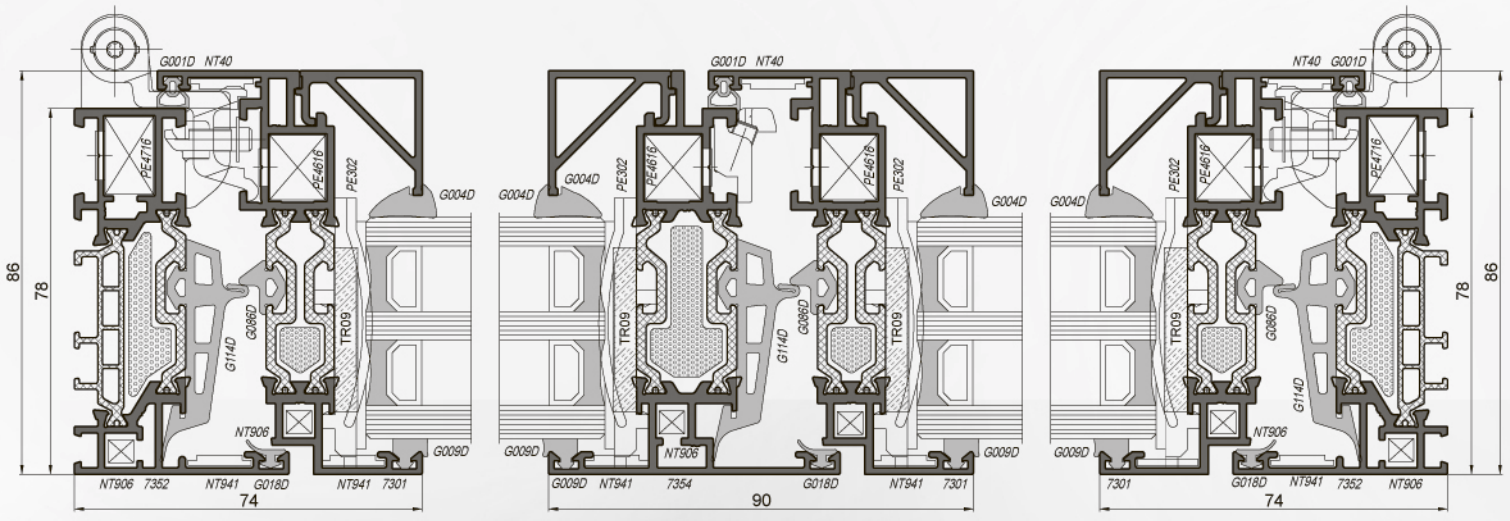
- three cavity profiles system with very good insulation properties
- profiles adjusted to a wide variety of window hardware
- window frame profiles depth: 78 mm, window sash profiles depth: 86 mm
- 42 mm thermal break and two-component central gaskets provide good thermal parameters
- three cavity design provides profiles with high stiffness allowing the creaton of large dimension constructions
- window sash flush with the frame on the outside
- arched constructions possible
- wide variety of corner connections
- gaskets made of EPDM synthetic rubber
- PE78N+, PE78NHI and PE78NHI+ system variants depending on used insulation inserts
- wide variety of window types, e.g. fixed window, turn-tilt and turn windows, outward opening windows, concealed sash windows etc

PONZIO PE78NHI SLIM



$U_w = 0.8\ W/m^2K$

*calculated for W 1480 x H 2180 mm window and $U_g = 0.5\ W/m^2K$, triple glazed unit



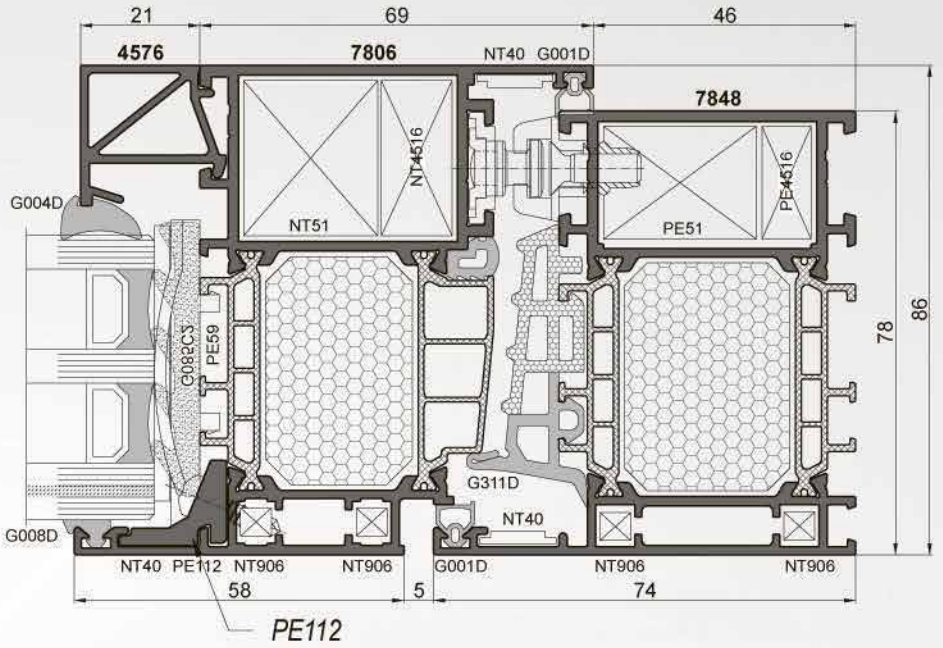
- three cavity profiles system with very good thermal insulation properties
- the slim profiles of this PE78N system variant were designed with large glazings for bright, modern spaces in mind
- the narrow, 90 mm floating mullion complements the system
- wide variety of hardware possible due to the euro groove
- window frame profile depth: 78 mm, window sash profile depth: 86 mm
- 39 mm thermal break provides good thermal parameters
- PE78N+ and PE78NHI system variants depending on used insulation inserts
- exceptional performances confirmed in tests performed by the IFT Rosenheim

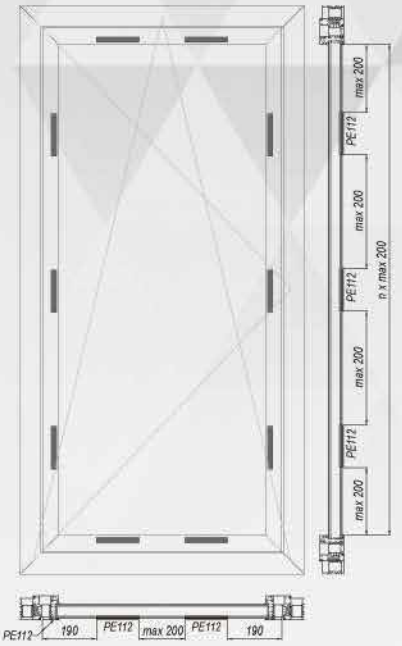
RC3 CLASS WINDOWS

MODERN SOLUTION
we can, we do

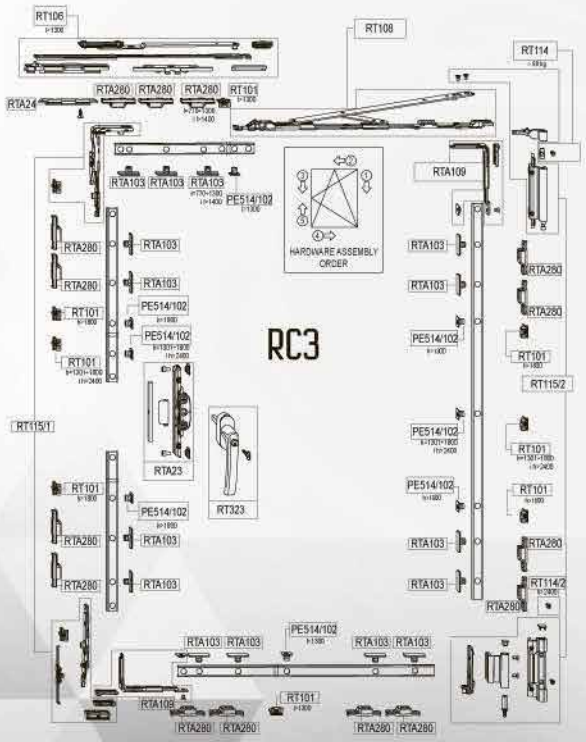
INCREASED RESISTANCE TO BURGLARY

OPENABLE WINDOWS (..01, ..04 sashes)

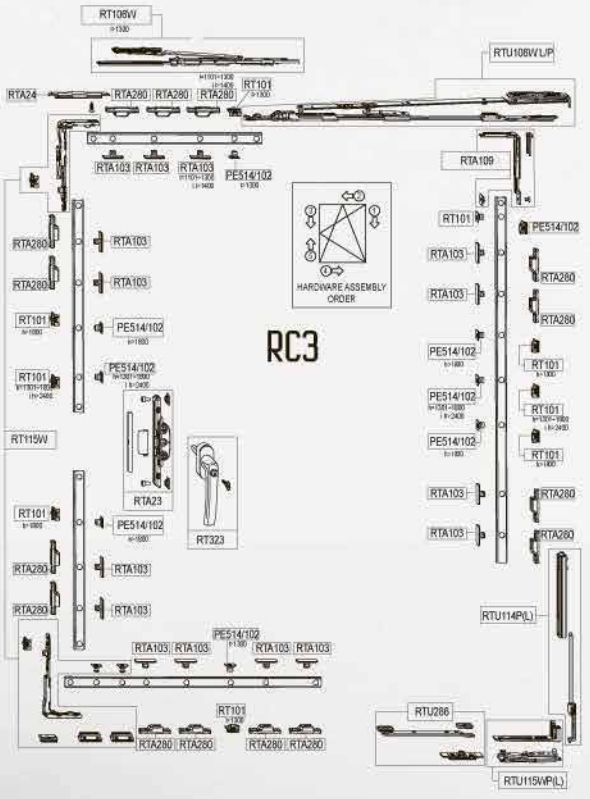




ROTO AL ANTIBURGLAR HARDWARE

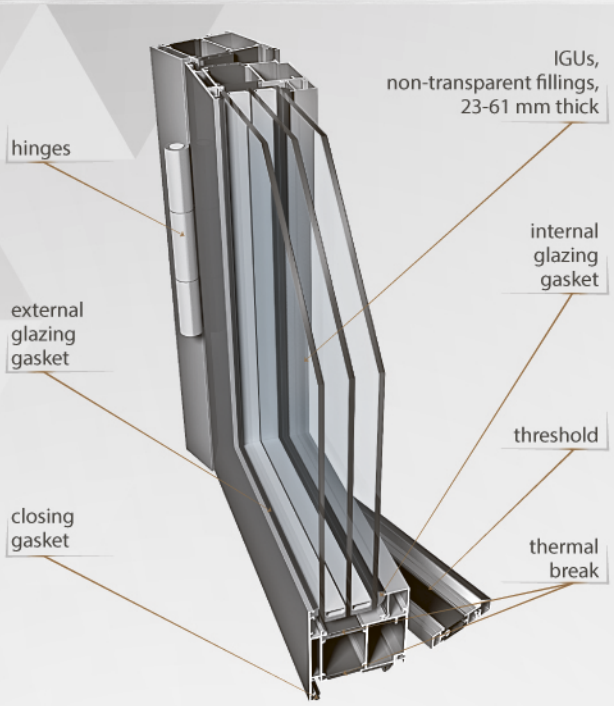


ROTO AL DESIGNO ANTIBURGLAR HARDWARE (concealed hinges)



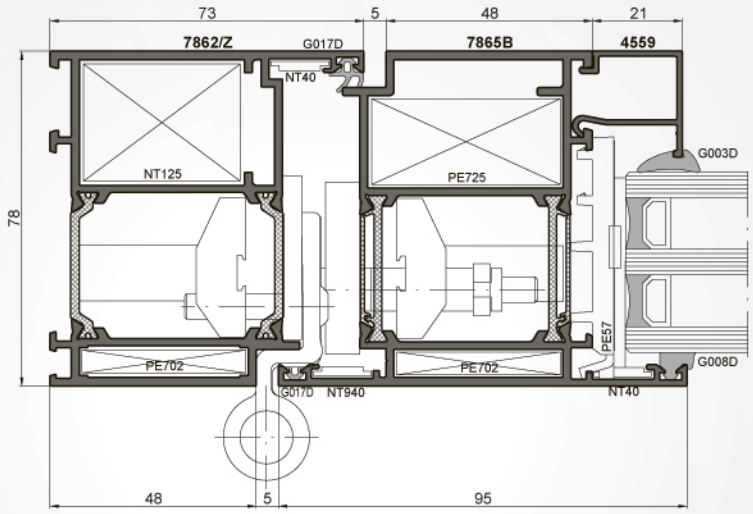
- wide range of possible window variants in PE68 and PE78N systems: fixed, casement, turn-tilt, with a floating mullion, hopper, tilt-first
- large dimension windows with heavy sashes possible:
  - 130 kg - surface hinges
  - 180 kg - concealed hinges
- bespoke rebate reinforcing element - PE112
- Roto hardware with surface and concealed hinges

PONZIO PE78N

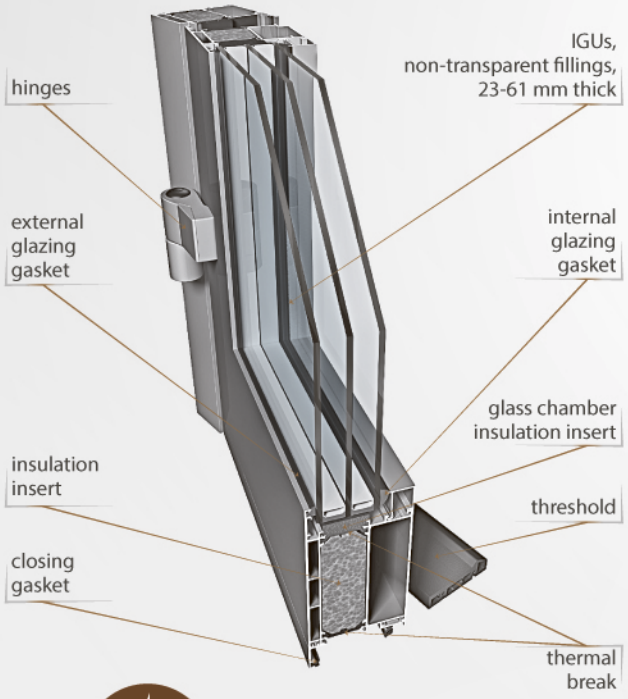


U_d = 1.10 W/m²K

*calculated for W 1230 x H 2180 mm door and U_g = 0.5 W/m²K, triple glazed unit

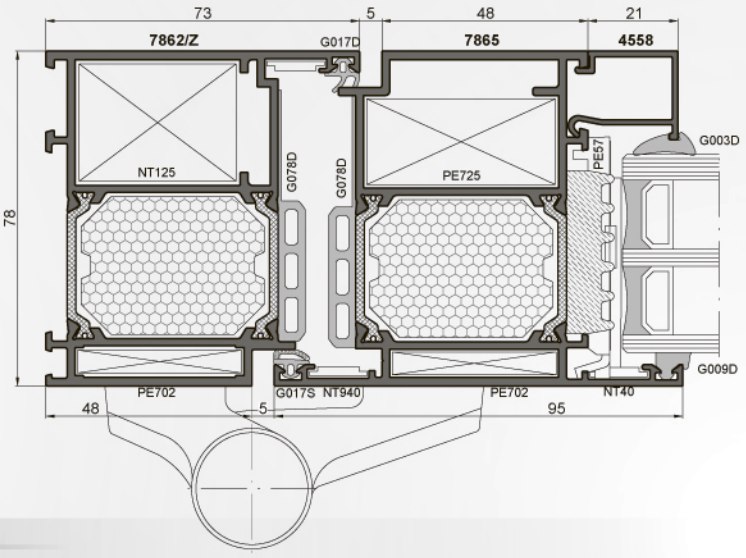


PONZIO PE78NHI



U_d = 0.93 W/m²K

*calculated for W 1230 x H 2180 mm door and U_g = 0.5 W/m²K, 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 creaton 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

PANEL DOORS

MODERN SOLUTION
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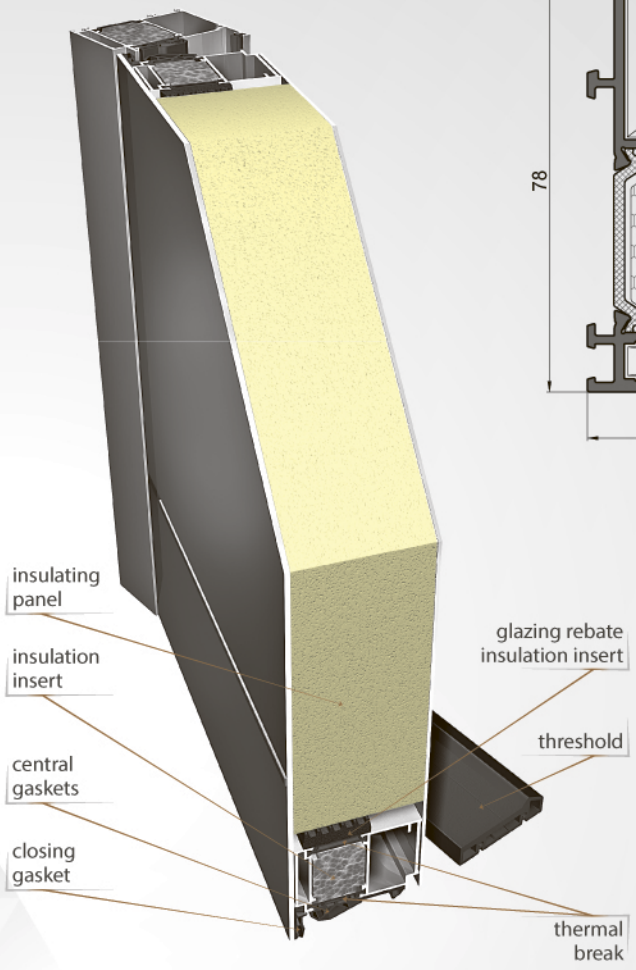
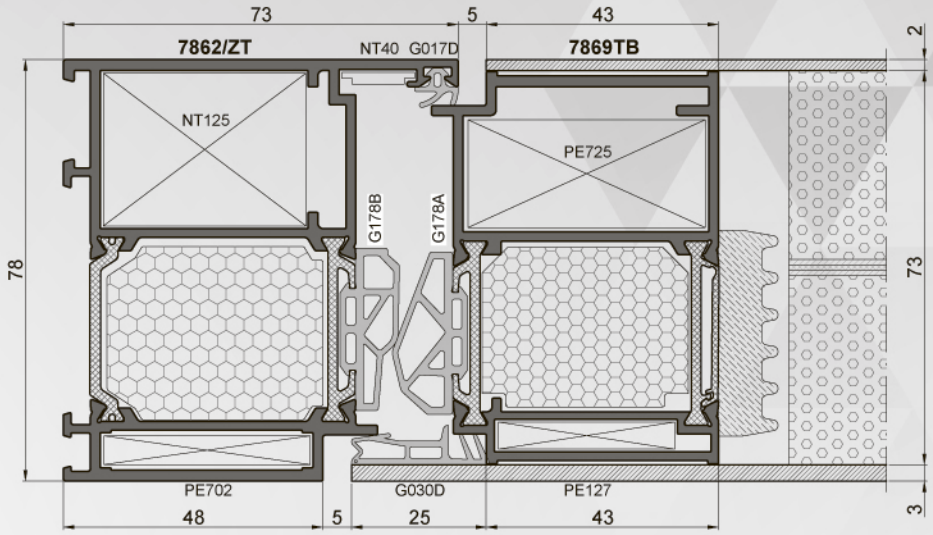
PONZIO PE78NHI DOORS WITH CENTRAL SEALING



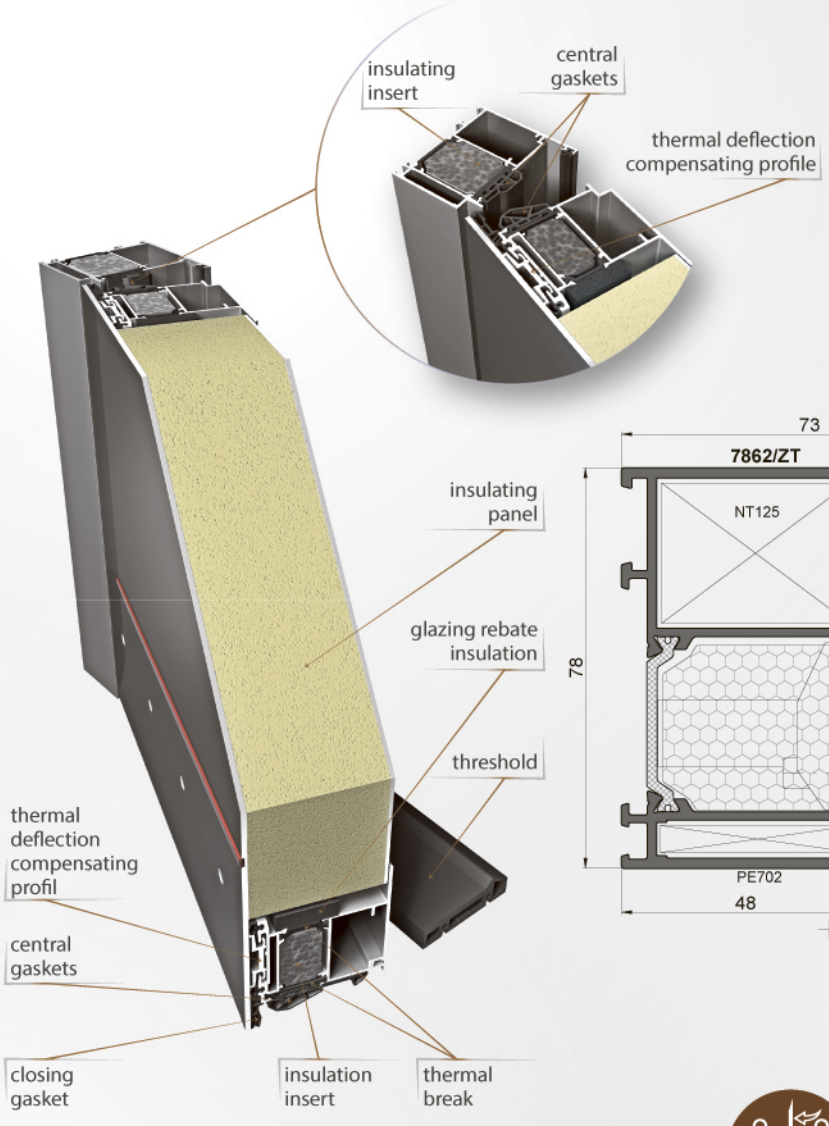


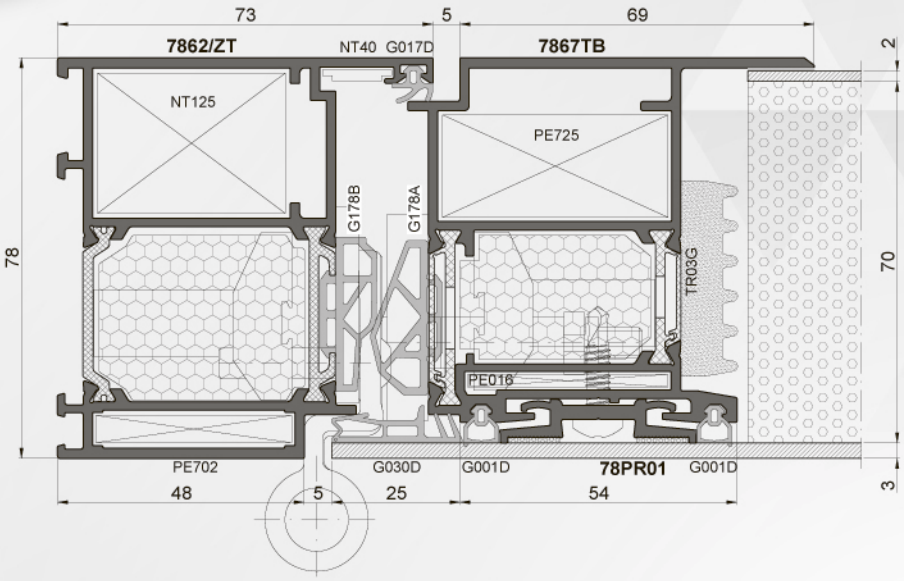
$U_d = 0.79\ W/m^2K$

*calculated for W 1230 x H 2180 mm door and $U_p = 0.45\ W/m^2K$

- construction of panel doors based on Ponzio PE78N and Ponzio PE68 systems
- bespoke system design allowing a smooth door leaf surface on both sides
- door leaf flush with frame
- improved thermal performance due to added central gaskets
- wide range of possible door designs depending on used panel
- light and stiff framing combined with decorative panel result in a unique door design, making the system an interesting alternative for entrance doors in private housing
- available hinge types: surface hinges, concealed hinges, roller hinges
- end product can be equipped with special access control equipment, e.g. fingerprint scanners, coded keypads, opening and closing systems etc.

PONZIO PE78NHI FLOATING PANEL DOORS





$U_d = 0.82\ W/m^2K$

*calculated for W 1230 x H 2180 mm door and $U_g = 0.5\ W/m^2K$, 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_f
- 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 wyposażyć w systemy wspomagające użytkowanie, takie jak: czytnik linii papilarnych, klawiatury kodowe, specjalne systemy otwierania i zamykania i wiele innych