

# Ponzio®

ALUMINIUM SYSTEMS



## About Ponzio

The Ponzio Group is one of the leading manufacturers of aluminium profile systems. This position was achieved by implementing a consistent strategy and with the help of a team of professionals which forms the core of our company. Raw materials and components are purchased from internationally renowned suppliers. The whole manufacturing process is handled by top-of-the line, automated machinery and undergoes strict quality control at every stage. We also have our own laboratory which is used for testing the performances of aluminium constructions.

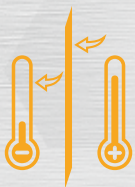
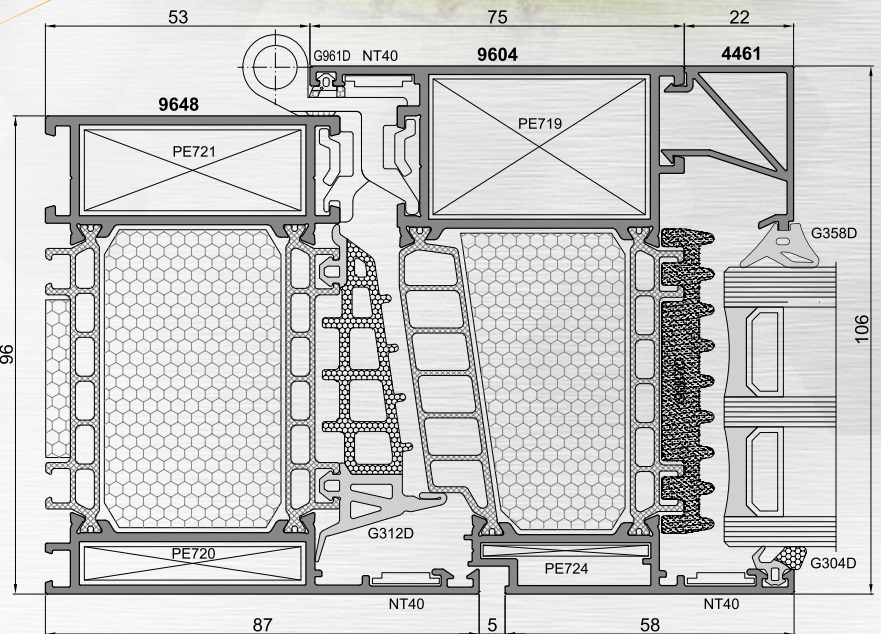
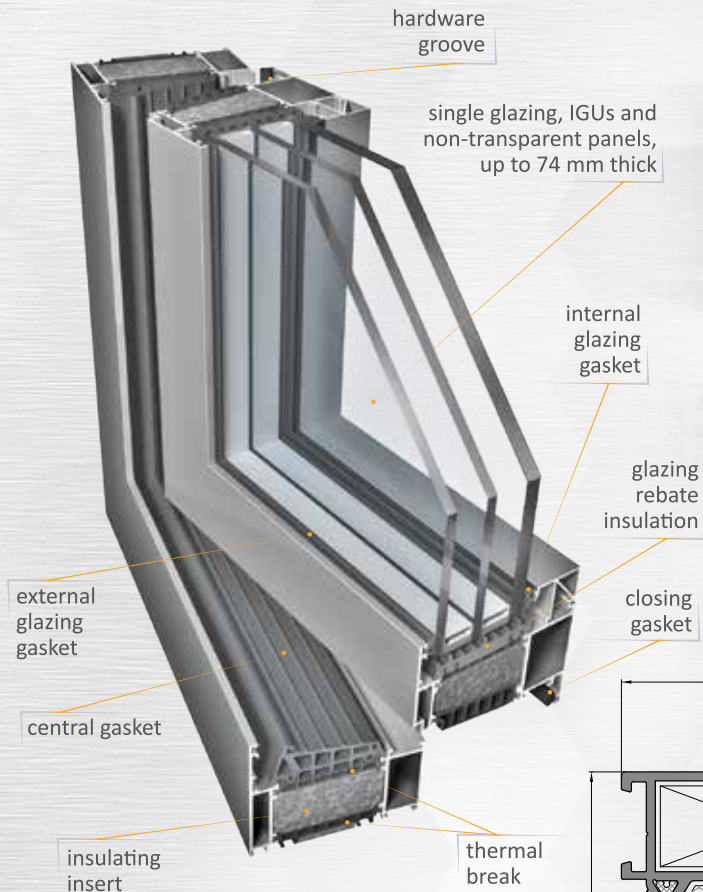
Innovation is one of the main goals of Ponzio. Our aluminium profile systems are designed to fulfill the most stringent requirements. The wide array of system solutions inspire architects to design modern and functional buildings. Many interesting works of architecture located all around the world are the result of our cooperation with designers and investors.

On-time deliveries are coordinated by our advanced logistics centre. Our very own fleet of transport vehicles ensures efficient deliveries to any place in Europe.



# EXTERNAL WINDOWS AND DOORS

## Ponizio PE96 Passive



$$U_w = 0.66 \text{ W/m}^2\text{K}$$

\*reference construction dimensions:  
L 1480 x H 2180 mm,  $U_g = 0.5 \text{ W/m}^2\text{K}$ ,  
triple glazing

### Technical parameters

<b>Filling thickness</b>	» frame: 39-62 mm, sash: 39-74 mm
<b>Frame depth</b>	» 96 mm
<b>Sash depth</b>	» 106 mm
<b>Maximum sash dimensions</b>	» L 1700 x H 2300 mm
<b>Maximum sash weight</b>	» 180 kg
<b>Air permeability</b>	» class 4
<b>Watertightness</b>	» class E1950
<b>Resistance to wind load</b>	» class C5
<b>Thermal insulation</b>	» $U_f$ from 0.82 W/m <sup>2</sup> K » $U_w$ from 0.66 W/m <sup>2</sup> K
<b>Certification</b>	» ITT in acc. with PN - EN 14351-1 + A1

A window system fulfilling the highest thermal performance requirements - designed for energy efficient and passive construction ( $U_w < 0.8 \text{ W/m}^2\text{K}$ ).

- » high thermal insulation due to the multi-cavity 62 mm thermal breaks and bi-component central gaskets
- » large-dimension constructions possible
- » window sashes flush with the frame on the outside
- » wide variety of corner joint solutions
- » 22 mm and 28 mm high glazing beads