

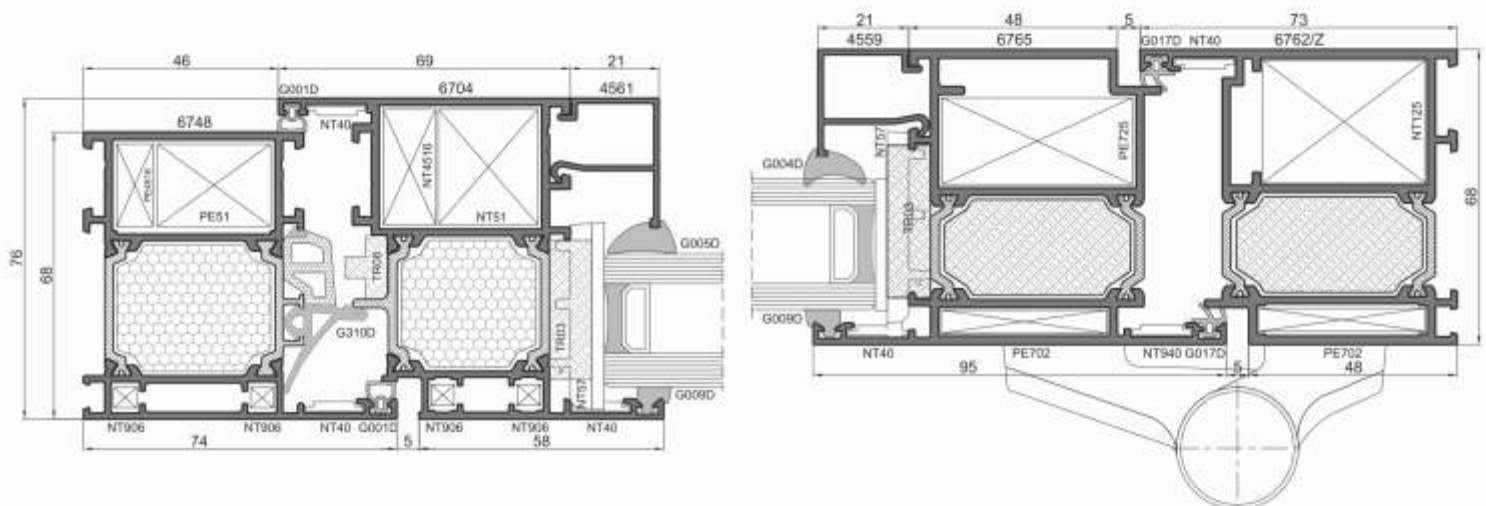
ALUMINIUM SYSTEMS



## SYSTEM DESCRIPTION

Thermally insulated three chamber system intended for accomplishing elements of the external constructions. The system allows to make doors and windows constructions with standard „euro” groove. The structure of the profiles with „euro” groove allows to use a wide range of hardware and simplifies their installation. In the system there can be used hardware for trapezoidal, arched, round, tilt and turn, tilt and slide windows and the ones with higher bulglary resistance. Wide thermal breaks assure high thermal insulation level.

Aluminium profiles can be anodized or varnished. There is a variety of RAL palette colors, rustical, imitating wood and even possibility of bicolored varnishing. The varnishing process takes place in a modern powder coating lines, and the technical process meets all european standards. The Qualicoat quality mark provides the quarantee of the highest quality of the varnished surface.



## TECHNICAL DATA

**System:** Ponzio PE 68, Ponzio PE 68HI (with higher thermal insulation)

**Description:** doors and windows system

**Usage:** production of windows, balcony doors, front doors, spacial external constructions

**Frame depth:** 68 mm

**Sash depth:** 76 mm (windows), 68 mm (doors)

**Filling thickness:** 18-59 mm

**Frame heat transfer coefficient:** U<sub>i</sub> from 1,3 W/m<sup>2</sup>K (PE 68 HI windows), U<sub>i</sub> from 1,5 W/m<sup>2</sup>K (PE 68 doors)

**Thermal break:** 32 mm (windows), 24 mm (doors)

**Certificates:** Initial type tests according to PN-EN 14351-1, Certificate of conformity: 2nd RC class of antibulglary according to PN-EN 1627:2011, Class RC3 according to PN-EN1627:2012.