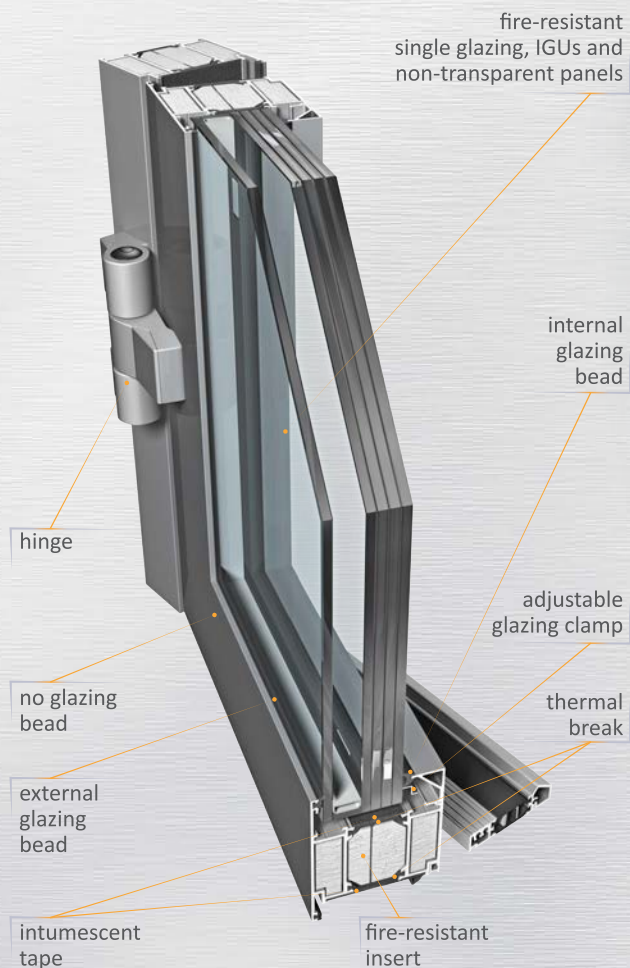


Ponizio PE78EI

EI15, EI30, EI45, EI60, EI90, EI120

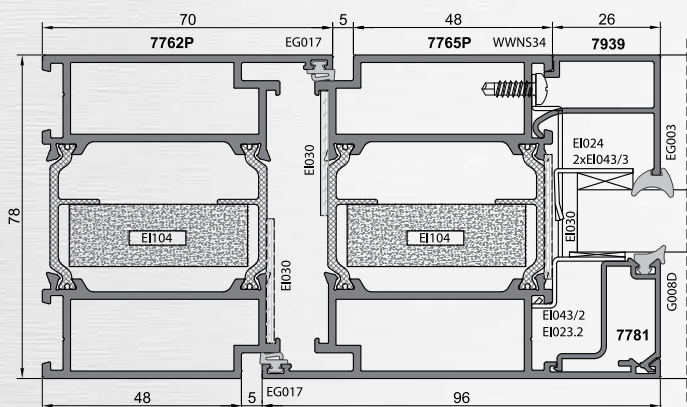


An insulated profile system designed for the construction of internal and external fire-resistant joinery.

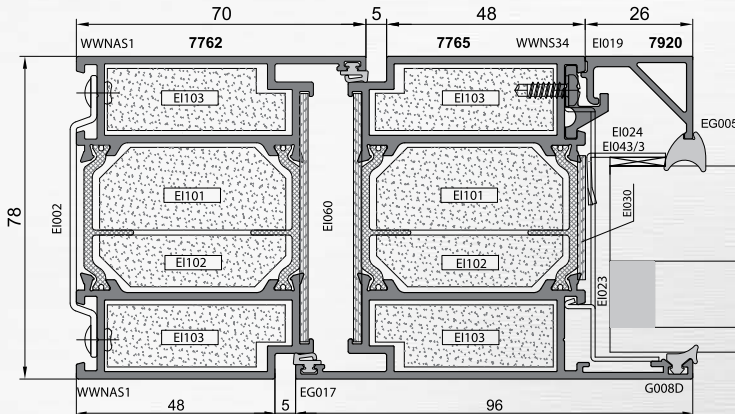
- profiles with special fire-resistant inserts, selection depending on the fire resistance class of the joinery: EI15, EI30, EI45, EI60, EI90, EI120
- single and double, inward and outward opening doors with several different threshold and leaf solutions (class EI15-EI90) as well as partitions up to 4000 mm high available
- 35 and 46 mm thermal breaks ensuring good thermal insulation
- easy hardware and accessories installation shortens construction time
- large-dimension constructions available
- Design Line system variant (glazing with beads on only one side)
 - glazing and profiles form a nearly flush surface
 - decreased production and assembly time compared to systems with glazing beads on both sides
- interconnected with other Ponizio systems
- smoke control doors available
- arched constructions available
- internal and external doors for emergency exits and routes available
- class RC2, RC2N, RC3 burglary resistant doors available
- three types of fire-resistant inserts: gypsum, aluminosilicate and poured

Ponzio PE78EI EI15, EI30, EI45, EI60, EI90, EI120

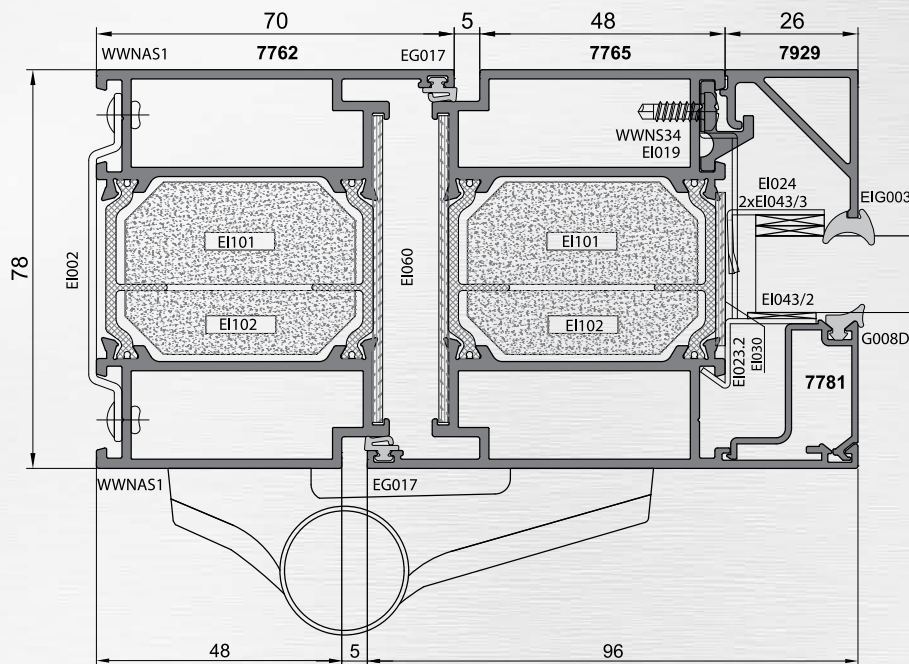
Class EI30 Design Line, economy version



Class EI60 Design Line



Class EI30



Technical parameters

Filling thickness	» 14 - 62 mm (52 - 73 mm for EI120)
Frame and leaf depth	» 78 mm (89 mm for EI120)
Type of filling	» fire-resistant single glazing, IGUs: EN1279-1, EN 1279-5 non-transparent panels: in acc. with the Technical Approval or the National Technical Assessment
Gaskets	» EPDM, in acc. with EN 12365-1
Smoke control	» class S_o and S_{200} in acc. with EN 13501-2
Sound reduction	» $R_{A1} - 35$ dB, $R_{A2} - 35$ dB, $R_w - 37$ dB (for EI120 $R_{A1} - 40$ dB, $R_{A2} - 38$ dB, $R_w - 41$ dB) - 17 mm fire-resistant single glazing
Fire resistance classification	» EI15, EW30, EI30, EI45, EI60, EI90, EI120
Certification	» Classification Reports for external doors, certified in acc. with EN 16034 and EN 14351-1+A2
National Technical Assessment	» 1. ITB-KOT-2017/0351 - "PONZIO PE78EI internal fire-resistant and/or smoke control doors, internal fire-resistant windows and internal and external fire-resistant partition kit using aluminium profiles with thermal breaks" 2. ITB-KOT-2018/0529 - "PONZIO PE78EI internal fire-resistant full-glass partition kit using aluminium profiles with thermal breaks"