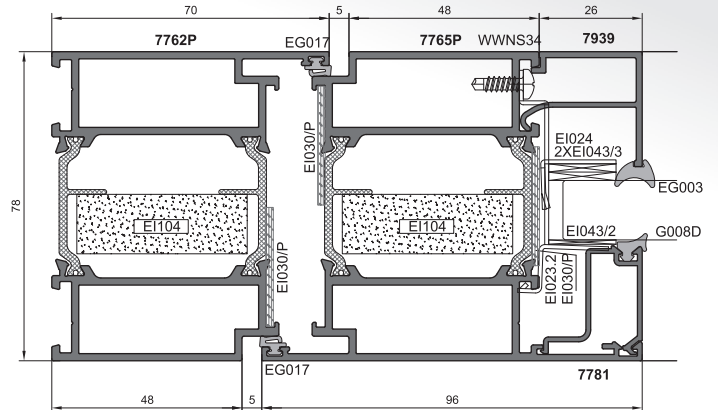


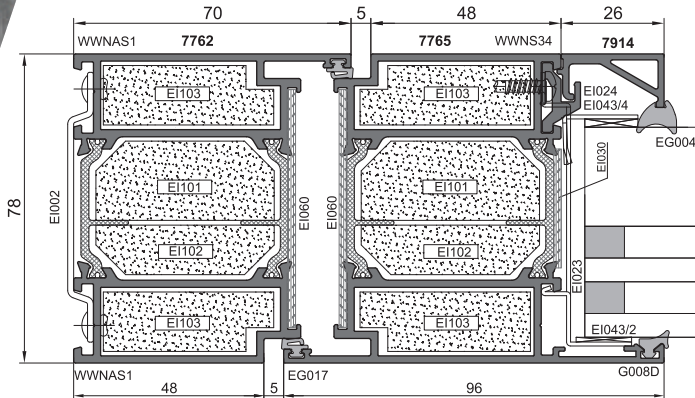
An insulated profile system designed for the construction of internal and external fire-resistant joinery

- ▀ profiles with fire-resistant inserts providing fire resistance, class EI15 to EI120
- ▀ EI15 to EI90 single and double turning doors, EI15 to EI120 glazed partitions and EI30 or EI60 butt-joint glazed partitions possible
- ▀ doors with maximum leaf dimensions of 1.4x2.5 m, with overlights up to 4 m high, with a wide range of threshold solutions (standard threshold, drop seal or no threshold), glazed or with non-transparent panels
- ▀ smoke control doors with or without fire resistance characteristics
- ▀ escape route doors, RC2N, RC2 and RC3 burglar resistant doors, air intake doors and automatic doors possible
- ▀ glazed partitions up to 4m high, butt-joint glazed partitions up to 3.73m high
- ▀ Design Line system variant, with one set of glazing beads:
 - simplified accessory installation
 - shorter prefabrication and assembly time compared to double-glazing-bead solutions (elegant, nearly flush surface on the glazing bead side)
- ▀ arched constructions possible
- ▀ interconnected with other PROCURAL systems

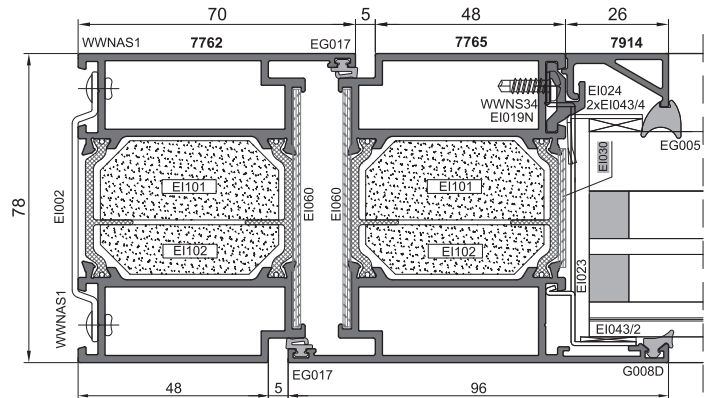
Class EI30 Design Line, economy version



Class EI60 Design Line



Class EI30 Design Line



TECHNICAL PARAMETERS

Filling thickness

14 - 62 mm (52 - 73 mm for class EI 120)

Frame and leaf depth

78mm (89mm for EI120 constructions)

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_a and S₂₀₀ in acc. with EN 13501-2

Sound reduction

with fire-resistant IGU 44.2Aku/16Ar/25mm:
for doors: R_{A1} - 40 dB, R_{A2} - 40 dB, R_w - 42 dB
with fire-resistant 17mm single glass pane
for doors: R_{A1} - 35 dB, R_{A2} - 35 dB, R_w - 37 dB
for partitions: R_{A1} - 40 dB, R_{A2} - 38 dB, R_w - 41 dB

Fire resistance classification

EI15, EW30, EI30, EI45, EI60, EI90, EI120

Certification

Door classification reports certified in acc. with EN 16034 and EN 14351-1+A2 (external products) or EN 14351-2 (internal products)

National Technical Assessment

- ITB-KOT-2017/0351 ed 5 – „Wewnętrzne drzwi przeciwpożarowe i/lub dymoszczelne oraz zestaw wyrobów do wykonywania przeciwpożarowych ścian wewnętrznych i zewnętrznych systemu PONZIO PE78EI z kształtowników aluminiowych z przekładką termiczną” (PONZIO PE78EI internal fire-resistant and/or smoke control doors, and internal and external fire-resistant partition kit using aluminium profiles with thermal breaks)
- ITB-KOT-2018/0529 ed 2 – „Zestaw wyrobów do wykonywania przeciwpożarowych ścian wewnętrznych całoszklanych systemu PONZIO PE78EI z kształtowników aluminiowych z przekładką termiczną” (PONZIO PE78EI internal fire-resistant full-glass partition kit using aluminium profiles with thermal breaks)