

EXTERNAL WINDOWS AND DOORS

Ponzio PE68/PE78N WINDOWS

RC4 BURGLARY RESISTANT WINDOWS

EURO
hardware groove

IGUs up to
78 mm thick

internal
glazing
gasket

glazing
rebate
insulation

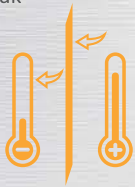
external
glazing
gasket

central
gasket

thermal
break

insulation
insert

thermal
break

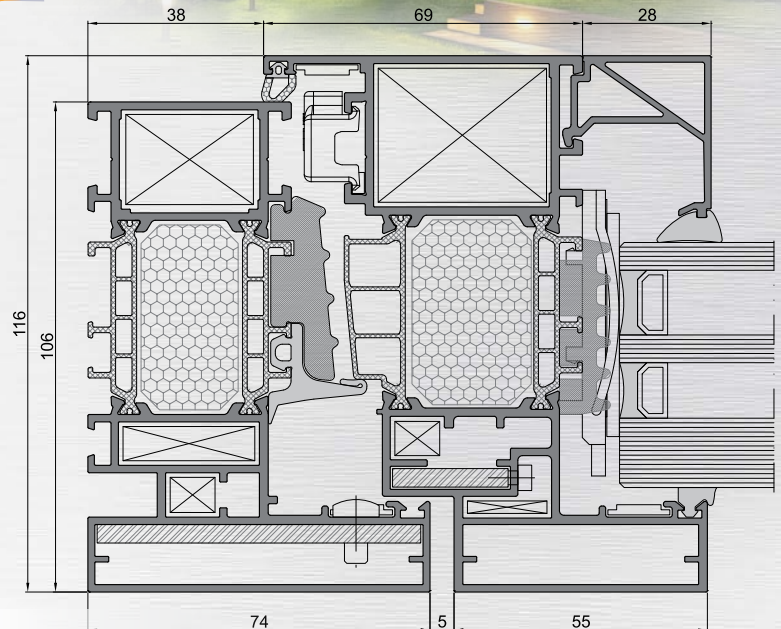


$$U_w = 0.76 \text{ W/m}^2\text{K}$$

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

Technical parameters

Filling thickness	up to 78 mm
Frame depth	PE68 - 96 mm PE78N - 106 mm
Sash depth	PE68 - 106 mm PE78N - 116 mm
Type of filling	IGUs
Maximum sash dimensions	L 1400 x H 2200 mm
Maximum sash weight	170 kg
Air permeability	class 4
Watertightness	class E1500
Thermal insulation	U_f from 0.96 W/m ² K, U_w from 0.76 W/m ² K
Resistance to wind load	class C5
Resistance to burglary	class RC4 in acc. with EN 1627
Certification	type testing in acc. with EN 14351-1 + A1



An insulated profile system designed for the construction of antiburglary RC4 glazed partitions and windows.

- several features preventing and hindering break-ins, extending the time to breach:
 - reinforced profile construction
 - reinforced glazing beads
 - handle with key
 - handle and hardware drives secured against drilling
- antiburglary bars and roller shutters not needed
- 10mm rebate allows the use of reinforced hardware
- glazing range up to 78 mm allows the use of IGUs containing secure glass, cl. P6B or better
- easier and quicker assembly due to IGUs not being glued to profiles
- high thermal insulation
- outward appearance identical as non-burglary-rated windows, improving overall building aesthetics