



FEATURES AND AESTHETICS

- windows certified by the Passive House Institute PHI Darmstadt (MB-104 Passive SI & MB-104 Passive Aero)
- excellent weather tightness & thermal insulation performance
- wide range of glazing, up to 81 mm allowing for triple and fourfold glazing units
- "Euro" grooves allow the fitting of most of the available hardware, both for aluminium and PVC windows
- can use surface, roller or concealed hinges
- expansion joint profiles for the door leaf
- 95 mm-wide threshold – the threshold and the frame have the same width
- anti-burglary windows and doors up to RC3 class

TECHNICAL SPECIFICATION	9□ PASSIVE WINDOWS	9□ PASSIVE DOORS
Frame depth	95 mm	95 mm
Casement depth	104 mm	95 mm
Glazing thickness	frame: 27 – 72 mm, vent: 34.5 – 81 mm	27 – 72 mm
Max. casement size (H×L)	H to 2900 mm, L to 1700 mm	H to 3000 mm, L to 1400 mm

PERFORMANCE	9□ PASSIVE WINDOWS	9□ PASSIVE DOORS
Air permeability	class 4, EN 12207	class 4, EN 12207
Water tightness	to class AE 1800, EN 12208	class E1200 Pa, EN 12208
Thermal insulation	U_w from 0,59 W/(m ² K)* U_w from 0,62 W/(m ² K)**	U_D from 0,66 W/(m ² K)***
Windload resistance	class C5/B5, EN 12210	class C4/B5, EN 12210
Burglary resistance	class RC1 to RC3, EN 1627	class RC1 to RC3, EN 1627

* - U_w for 9□ PASSIVE Aero-based fixed window casement size 1700×2900 mm, with glazing $U_g=0,5$ W/(m²K)
 ** - U_w for 9□ PASSIVE Aero-based openable window casement size 1700×2150 mm, with glazing $U_g=0,5$ W/(m²K)
 *** - U_D for 9□ PASSIVE Aero door size 1400×3000 mm, with glazing $U_g=0,5$ W/(m²K)

