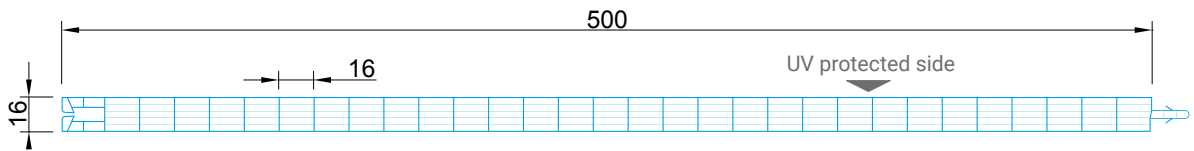
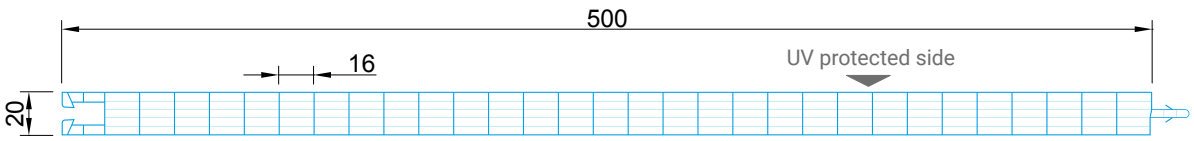


WALL

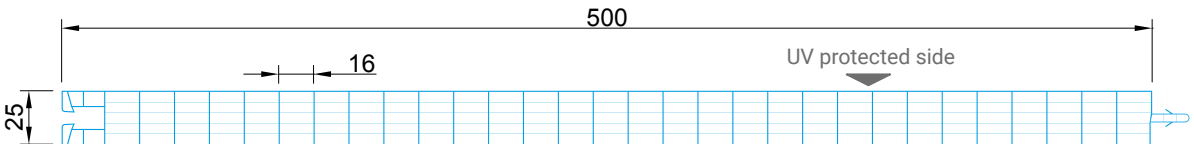
MODULAR POLYCARBONATE SYSTEM WITH COEXTRUDED UV PROTECTION, FOR WALLS



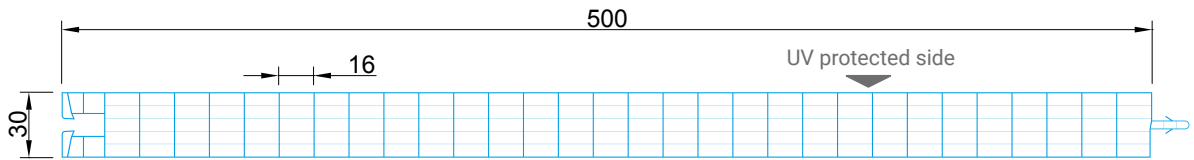
Wall 500-16



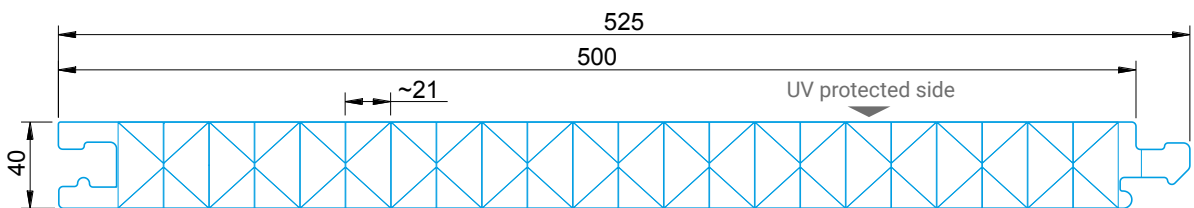
Wall 500-20



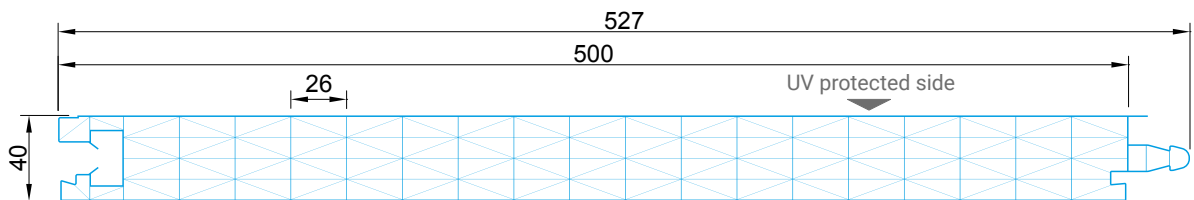
Wall 500-25



Wall 500-30



Wall 500-40 mono X



Wall 500-40 XX

WALL CHARACTERISTICS

Thickness	16 mm	20 mm	25 mm	30 mm	40 mm	40 mm
Structure	6 walls			4 walls X		9 double X
Cover width	500 (± 5 mm)					
Panel length	On request					
Certified thermal transmittance	1,8 W/m ² K	1,6 W/m ² K	1,4 W/m ² K	1,3 W/m ² K	1,6 W/m ² K	1,1 W/m ² K
Service temperature	- 40 °C / + 120 °C					
UV protection	Coextruded on the external side					
Thermal expansion	65 x 10 ⁻⁶ K ⁻¹ (=0,065 mm/m °C)					
Light transmission*	Clear (0010)	58% (±5)	56% (±5)	54% (±5)	52% (±5)	49% (±5)**
	Opal (0035)	44% (±5)	42% (±5)	40% (±5)	38% (±5)	38% (±5)**
Warranty	Limited 10-yrs warranty against breakage due to hailstones, yellowing and loss of light transmission					

* value according to internal test method

** values according to EN 410 and EN 14500 at CSTB France

APPLICATION AND STRENGTHS

WALL is a tongue&groove modular system, 500 mm width, available in 6-walls structure (thickness 16-20-25-30 mm) and double X structure (40 mm). The thermal transmittance values of the different versions allow to meet the actual requirements required by current regulations.

This is the ideal product for the construction of vertical walls in industrial buildings and thanks to the complete range of accessories (aluminum perimeter profiles, gaskets, fixing hooks, ...) it enables a simple, fast and technically effective installation.

WALL doesn't guarantee perfect waterproofness if installed as roof solution.

SPECIFICATIONS

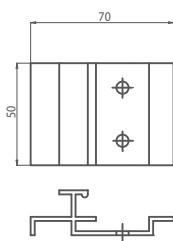
Construction of curtain walls, vertical glazings, sheds with tongue&groove polycarbonate multiwall panel type **WALL 500**, thickness **16 mm / 20 mm / 25 mm / 30 mm**, 6-walls structure, coextruded UV protection on the external side, closing of heads with aluminium adhesive tape (on request available also microperforated aluminium tape); 500 mm width, length on request; estimated thermal transmittance $U_g = 1,8 \text{ W/m}^2 \text{ K}$ (for 16 mm thick.) / $U_g = 1,6 \text{ W/m}^2 \text{ K}$ (for 20 mm thick.) / $U_g = 1,4 \text{ W/m}^2 \text{ K}$ (for 25 mm thick.) / $U_g = 1,3 \text{ W/m}^2 \text{ K}$ (for 30 mm thick.); ten-years limited warranty. Accessories: anodized aluminium perimeter profiles (raw aluminium on request); EPDM gaskets; aluminium or steel fixing hook (if required).

Construction of curtain walls, vertical glazings, sheds with tongue&groove polycarbonate multiwall panel type **WALL 500/40 MonoX**, thickness **40 mm**, 4 walls X structure, coextruded UV protection on the external side, closing of heads with aluminium adhesive tape (on request available also microperforated aluminium tape); 500 mm width, length on request; certified thermal transmittance $U_g = 1,6 \text{ W/m}^2 \text{ K}$; ten-years limited warranty. Accessories: anodized aluminium perimeter profiles (raw aluminium on request) or anodized aluminium thermal break profiles (raw aluminium on request); EPDM gaskets; aluminium or steel fixing hook (if required).

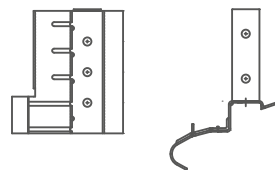
Construction of curtain walls, vertical glazings, sheds with tongue&groove polycarbonate multiwall panel type **WALL 500/40 XX**, thickness **40 mm**, double X structure, coextruded UV protection on the external side, closing of heads with aluminium adhesive tape (on request available also microperforated aluminium tape); 500 mm width, length on request; certified thermal transmittance $U_g = 1,1 \text{ W/m}^2 \text{ K}$; ten-years limited warranty. Accessories: anodized aluminium perimeter profiles (raw aluminium on request) or anodized aluminium thermal break profiles (raw aluminium on request); EPDM gaskets; aluminium or steel fixing hook (if required).



ACCESSORIES



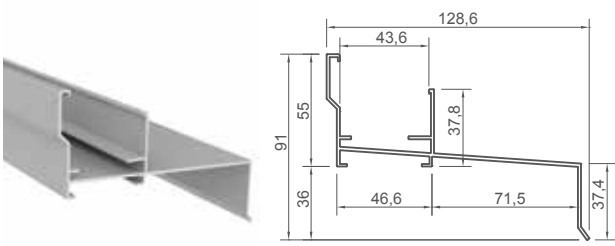
ALUMINIUM FIXING HOOK



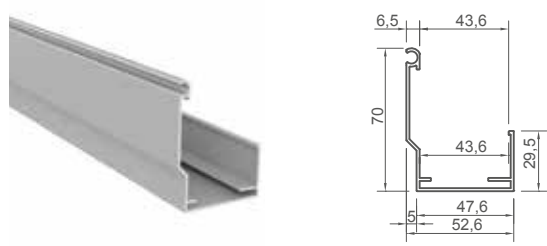
STEEL FIXING HOOK



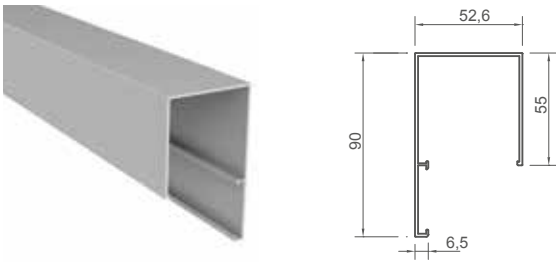
EPDM GASKET



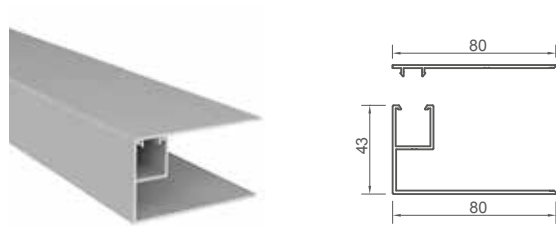
ALUMINIUM LOWER PROFILE WITH SILL



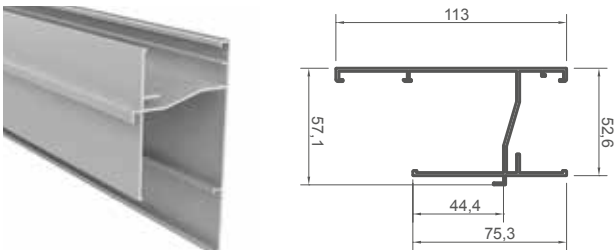
ALUMINIUM LOWER PROFILE



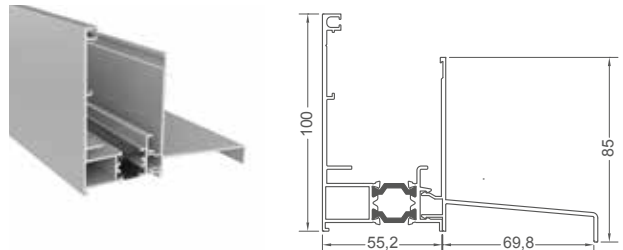
ALUMINIUM UPPER PROFILE



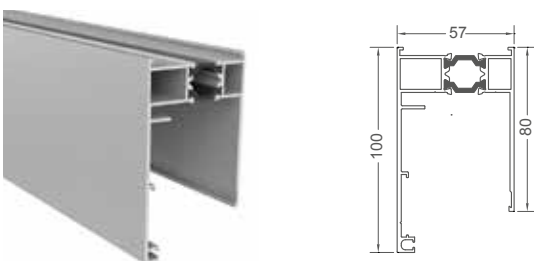
ALUMINIUM SIDE PROFILE



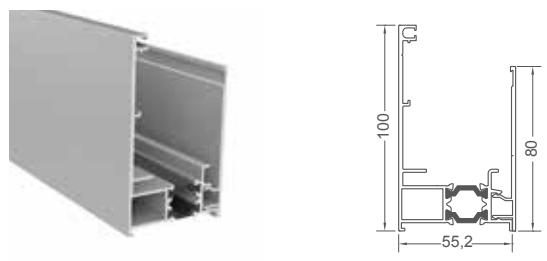
ALUMINIUM HALFWAY PROFILE



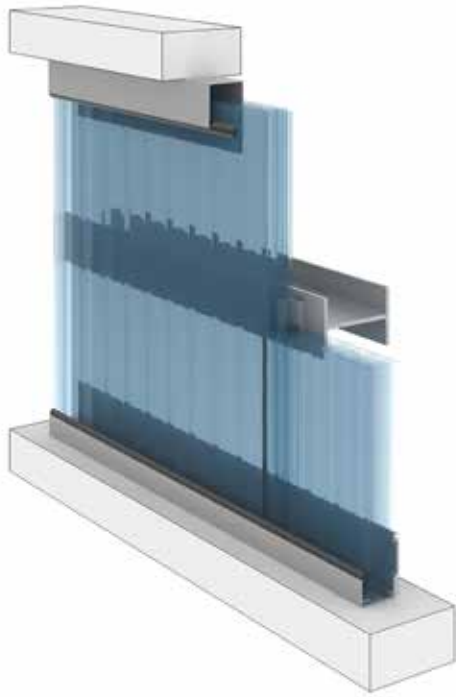
ALUMINIUM THERMAL BREAK LOWER PROFILE WITH SILL



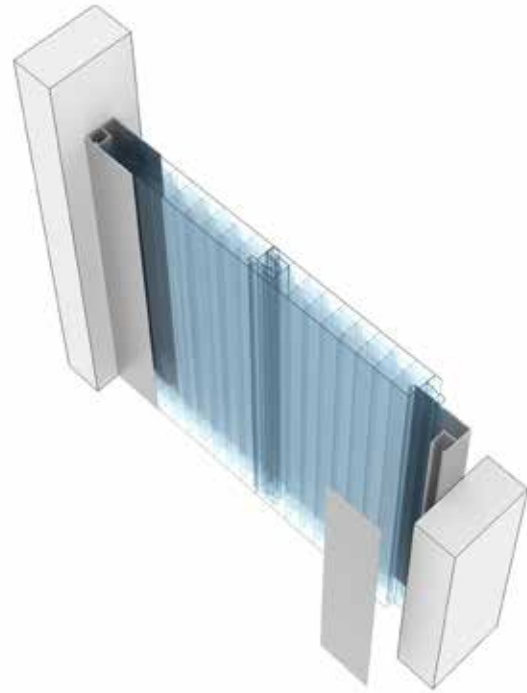
ALUMINIUM THERMAL BREAK UPPER PROFILE



LOWER/SIDE ALUMINIUM PROFILE WITH THERMAL CUT



APPLICATION WITH MIDDLE SUPPORT



SIDE DETAIL



APPLICATION WITH LOWER PROFILE WITH SILL



APPLICATION WITH SIMPLE LOWER PROFILE

