

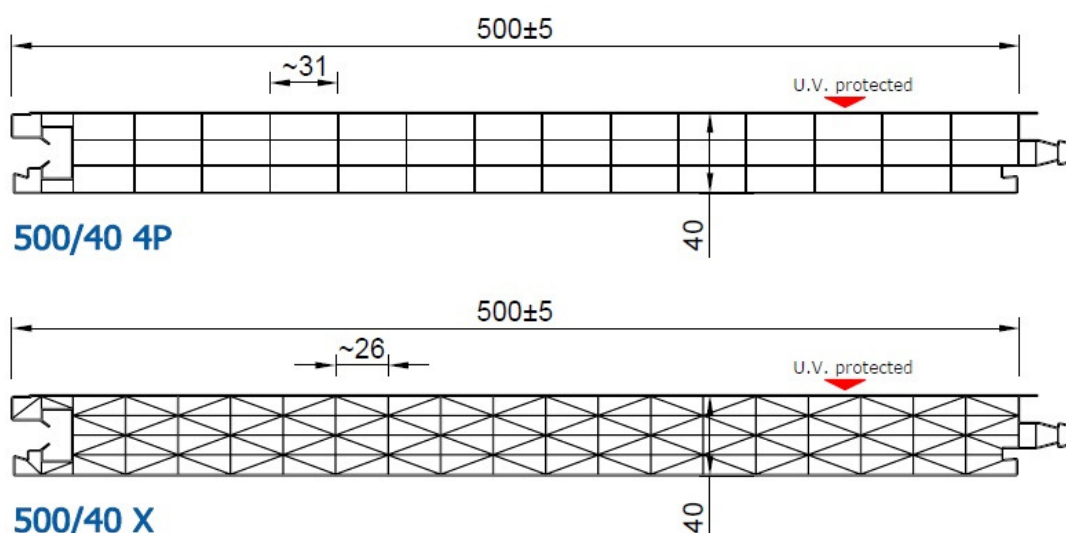
TECHNICAL DATA SHEET no.PA02 - Dec. 2016 (Rev.0)

Product: Panelpiù 500/40

PRODUCT:

PANELPIU 500/40 – 4-wall & 500/40 – double X

CROSS SECTION:



SPECIFICATIONS:

INTERLOCKING MODULAR SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~500mm WIDE (USEFUL WIDTH) AND 40mm THICK, EITHER WITH A 4-WALL OR A DOUBLE 'X' INNER CONSTRUCTION. THE PARTICULAR SECTION ALLOWS FOR THE INSTALLATION WITH NO JOINTING TRIM REQUIRED. SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUESTED, WITH EDGES SEALED WITH AN ALUMINIUM FOIL TAPE; FIRE RATING: EUROCLASS B s2 d0.

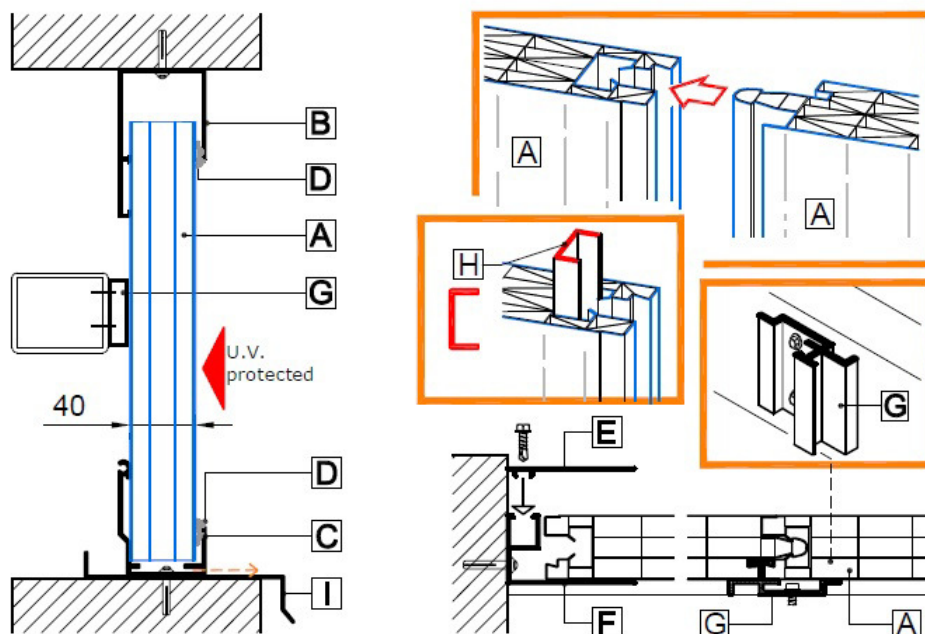
USE:

- REALIZATION OF VERTICAL GLAZING

ACCESSORIES:

- THE SYSTEM IS COMPLETED BY FRAMING PROFILES IN NATURAL ANODISED ALUMINIUM.

DETAILS OF INSTALLATION:



ACCESSORIES

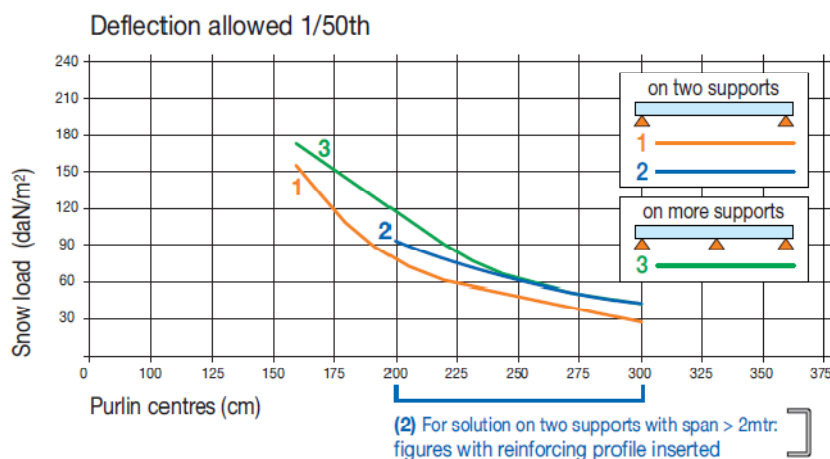
- A. PANELPIU' 500
- B. Upper profile
- C. Lower profile
- D. Gasket
- E. Clip for side profile
- F. Side profile
- G. Fastening clamp
- H. Reinforcing profile

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LOADING TABLE:

LOADING TABLE PANELPIÙ 500/40 XX-wall



TECHNICAL CHARACTERISTICS:

DATA	UNIT	500/40 - 4-wall	500/40 - double X
Thickness	mm	40	40
Sheet width	mm	500 ± 5	
Sheet length		Upon request (max. recommended length is 7,0m)	
Colour		Satinized clear and Opal	
Sealing of sheet edges		Aluminium foil tape	
Inner construction		4-wall	Double X
UV protection		On outer layer	
Fire rating		B s2 d0	B s2 d0
Temperature working range	°C	-40° / +130°	
Linear thermal expansion	mm/mm °C	6.7 x 10 ⁻⁵	
Resistance against chemicals - use & maintenance		See our literature for specifications	
Thermal insulation	W/m²K	U= 1.45 (R=0.68)	U= 0.82 (R=1.219)
Light transmission	CLEAR OPAL	% %	61±2 52±2
Solar factor	CLEAR OPAL	% %	49±2 38±2
Shading coefficient	CLEAR OPAL	% %	60±2 50±2
			0.69±2 0.58±2
Shading coefficient	CLEAR OPAL	% %	49±2 37±2
			0.57±2 0.42±2
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Shading coefficient	CLEAR OPAL	% %	0.57±2 0.42±2
Warranty		10 years – See our Warranty for terms & conditions	

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