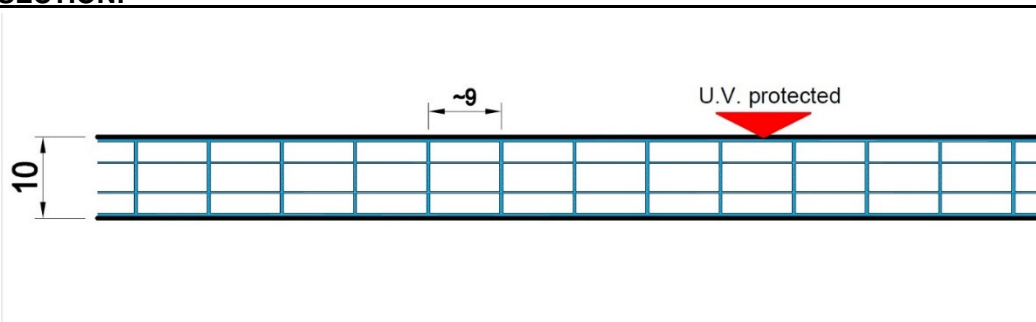


PRODUCT:

CARBOPIU FOURWALL 10mm thick

CROSS SECTION:



SPECIFICATIONS:

FLAT SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~2100mm WIDE and 10mm THICK, with FOURWALL STRUCTURE.

SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUESTED (STANDARD LENGTH IS 6,0m), WITH EDGES EITHER THERMOSEALED OR SEALED WITH AN ALUMINIUM FOIL TAPE; FIRE RATING: EUROCLASS B s1 d0.

- **USE:** REALIZATION OF **PITCHED ROOFING, CURVED CANOPY, VERTICAL GLAZING AND NORTHLIGHT.** FOR CURVED CANOPY APPLICATION, THE SHEET IS COLD CURVED ON SITE ACCORDING TO THE MINIMUM CURVATURE RADIUS SHOWN IN THIS DATA SHEET.
- **ACCESSORIES:** THE SYSTEM IS COMPLETED BY ACCESSORIES (FOR MORE DETAILS ON THE ACCESSORIES PLEASE CONTACT THE MANUFACTURER).

TECHNICAL CHARACTERISTICS:

DATA		UNIT	10mm Carbopiù – Fourwall
Thickness		mm	10
Sheet width		mm	2100 ± 5
Sheet length		m	Standard 6,0 m – length to size upon request (max. recommended length is 7,0m)
Minimum curvature radius for cold curving		(R) mm	2000
Colour			Clear and Opal
Sealing of sheet edges			Thermoesaled or Sealed with aluminium foil tape
Inner construction			Fourwall
UV protection			On outer layer
Fire rating			B s1 d0
Temperature working range		°C	-40° / + 130°
Linear thermal expansion		mm/mm°C	6,7 x 10 ⁻⁵
Resistance against chemicals use and maintenance			See our literature for specifications
Thermal insulation		W/m²K	U= 2,50 (R=0.4)
Light transmission	CLEAR	%	79±2
	OPAL	%	42±2
Solar factor	CLEAR	%	74±2
	OPAL	%	41±2
Shading coefficient	CLEAR		0,86±0,02
	OPAL		0,47±0,02
Warranty			10 years – See our Warranty for terms & conditions

LOADING TABLE (Flat Application):

FOURWALL SHEET 10 mm

Snow load in daN/m ²	50	75	100	125	150	Width in mm
Height in mtr	3,0	2,1	1,8	1,6	1,4	1050
	2,4	1,9	1,7	1,5	1,3	1200
	2,1	1,8	1,6	1,4	1,2	2100

NOTE: ABOVE FIGURES ARE REFERRED TO SHEET FIXED ON 4 SIDES

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