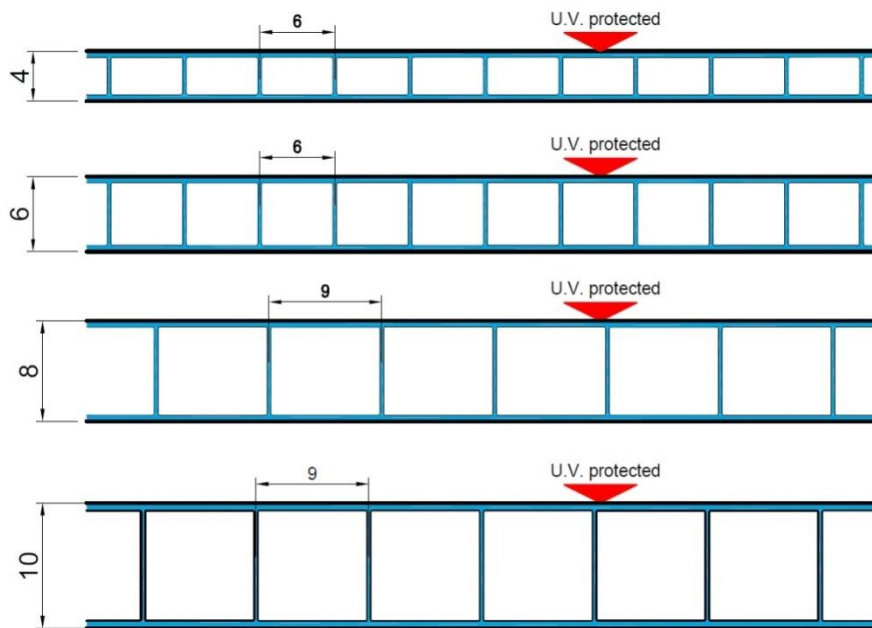


PRODUCT:

CARBOPIU TWINWALL 4 – 6 – 8 – 10mm

CROSS SECTION:



SPECIFICATIONS:

FLAT SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~2100mm WIDE and 4-6-8-10mm THICK, with TWINWALL 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).

LOADING TABLE (Flat Application):

TWINWALL SHEET 6 mm

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

TWINWALL SHEET 8 mm

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

TWINWALL SHEET 10 mm

Snow load in daN/m ²	50	75	100	125	Width in mm
Height in mtr	3,1	2,1	1,7	1,2	1050
	2,1	1,8	1,6	1,2	2100

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

TECHNICAL DATA SHEET no.CARBO02 - Dec. 2016 (Rev.0)

Product: Carbopiù Twinwall

TECHNICAL CHARACTERISTICS:

DATA		UNIT	4mm	6mm	8mm	10mm
Thickness		mm	4	6	8	10
Sheet width		mm	2100 ± 5			
Sheet length		m	Standard 6,0m – length to size upon request (max. recommended length is 7,0m)			
Minimum curvature radius for cold curving		(R) mm	750	1000	1500	1700
Colour		-	Clear – Opal – Bronze			
Sealing of sheet edges		-	Thermosealed or Sealed with aluminium foil tape			
Inner construction		-	Twinwall			
UV protection		-	On outer layer			
Fire rating		-	B s1 d0			
Temperature working range		°C	-40° / + 130°			
Linear thermal expansion		mm/mm°C	6,7 x10 ⁻⁵			
Resistance against chemicals use and maintenance		-	See our literature for specifications			
Thermal insulation		W/m ² K	U= 3,90	U= 3,50	U= 3,20	U= 3,00
Light transmission	CLEAR	%	82±2	80±2	81±2	81±2
	OPAL	%	64±2	60±2	60±2	54±2
Solar factor	CLEAR	%	77±2	75±2	74±2	74±2
	OPAL	%	61±2	61±2	45±2	41±2
Shading coefficient	CLEAR	%	0,89±0,02	0,87±0,02	0,86±0,02	0,86±0,02
	OPAL	%	0,70±0,02	0,70±0,02	0,52±0,02	0,47±0,02
Warranty			10 years – See our Warranty for terms & conditions			

Responsibility clause: all technical information and recommendations are given in good faith and according our best knowledge. Nevertheless, not having any control over the end use of its materials, PolyPiù S.r.l. declines any responsibility for their application. The recommendations given do not relief the Buyer to perform its own controls to determine the suitability of the materials to its own needs and to the regulations in force. PolyPiù S.r.l. reserves the right to amend products and specifications without prior notice.