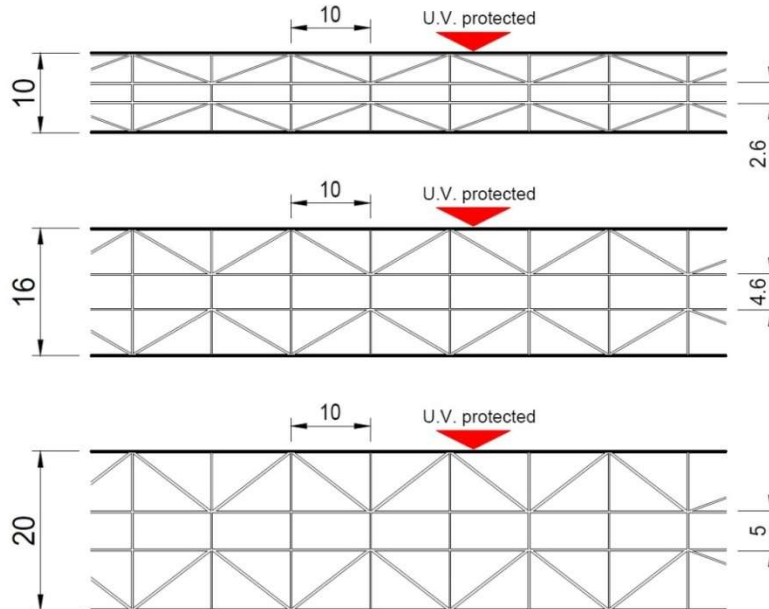


**PRODUCT:**

**CARBOPIU** X-STRUCTURE 6 Walls 10 – 16 – 20mm thick

**CROSS SECTION:**



**SPECIFICATIONS:**

**FLAT SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~2100mm WIDE and 10-16-20mm THICK, X-STRUCTURED with 6 Walls.** SHEETS ARE SUPPLIED TO THE EXACT LENGTH REQUIRED (STANDARD LENGTH IS 6,0m), WITH EDGES SEALED WITH AN ALUMINIUM FOIL TAPE; FIRE RATING: EUROCLASS B s1 d0.

- **USE:** REALIZATION OF **PITCHED ROOFING, CURVED CANOPY, VERTICAL GLAZING** and **NORTHLIGHT.**
- **ACCESSORIES:** THE SYSTEM IS COMPLETED BY ACCESSORIES (FOR MORE DETAILS ON THE ACCESSORIES PLEASE CONTACT THE MANUFACTURER).

**LOADING TABLE (Flat Application):**

10mm SHEET - X-STRUCTURED 6 WALLS						
Snow load in daN/m <sup>2</sup>	50	75	100	125	150	width in mm
Height in mtr	3,0	2,1	1,8	1,6	1,4	1050
	2,1	1,8	1,6	1,4	1,2	2100

16mm SHEET - X-STRUCTURED 6 WALLS						
Snow load in daN/m <sup>2</sup>	75	100	125	150	200	width in mm
Height in mtr	3,5	2,8	2,4	2,0	1,6	1050
	2,8	2,3	2,0	1,8	1,5	2100

20mm SHEET - X-STRUCTURED 6 WALLS						
Snow load in daN/m <sup>2</sup>	75	100	125	150	200	width in mm
Height in mtr	∞	4,0	3,0	2,5	2,0	1050
	2,8	2,2	2,0	1,9	1,6	2100

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

**TECHNICAL CHARACTERISTICS:**

DATA	Unit	10mm x 6W	16mm x 6W	20mm x 6W	
Thickness	mm	10	16	20	
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) m	2000	3000	4000	
Weight	Kg/m <sup>2</sup>	---	---	---	
Colour		<u>Neutro - Opalino - Fumè</u>			
Sealing of sheet edges		Thermosealed or Sealed with aluminium foil tape			
Inner construction		X-structure 6 walls			
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 <sup>-5</sup>			
Resistance against chemicals use & maintenance		See our literature for specifications			
Thermal insulation	W/m <sup>2</sup> K	U=2,20	U= 1,90	U= 1,80	
Light transmission	%	CLEAR	68±2	60±2	60±2
		OPAL	43±2	37±2	40±2
		BRONZE	28±2	20±2	--
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 relieve 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.