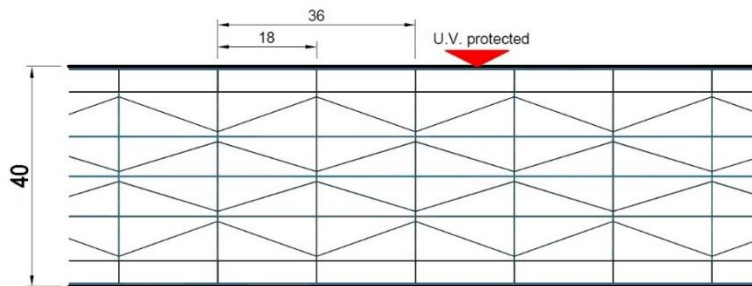


TECHNICAL DATA SHEET n°CARBO13 - Jan. 2020 (Rev.0) Product: Carbopiù double "X" structure

PRODUCT:

CARBOPIU DOUBLE "X" STRUCTURE th. 40 mm
11 WALLS

CROSS SECTION:



SPECIFICATIONS:

FLAT SHEET IN EXTRUDED MULTIWALL POLYCARBONATE, ~2100mm WIDE and 40 mm thick, with 11 walls DOUBLE X STRUCTURE.

THE 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 s2 d0.

- **USE** :REALIZATION OF **PITCHED ROOFING, 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):

FLAT APPLICATION

CARBOPIU' 40 mm	Sheet height (H)			
	1,50 m	2,00 m	2,50 m	3,00 m
	Max uniformly distributed load daN/m²			
Width (B) 1,00 m	205 daN/m ²	175 daN/m ²	160 daN/m ²	155 daN/m ²
Width (B) 1,20 m	175 daN/m ²	140 daN/m ²	110 daN/m ²	100 daN/m ²

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

TECHNICAL DATA SHEET n°CARBO13 - Jan. 2020 (Rev.0) Product: Carbopiù double "X" structure

SPECIFICATIONS:

DATA	Unit	40 mm
Thickness	mm	40
Sheet width	mm	2100 ± 5
Sheet length	m	Standard 6,0 m – to length on request (Max advised length: 7,00 m)
Minimum cold curving radius	(R) m	NON CURVABILE
Weight	Kg/m ²	---
Colour		Clear - <u>Opal</u>
Sealing of sheet edges		Taped with aluminium foil tape
Inner construction		11 walls "double X" structure
U.V. protection		Protected 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 & maintainance		See our literature for specifications
Thermal insulation	W/m ² K	U= 1,00
Light transmission	CLEAR	43±2
	OPAL	28±2
Solar factor	CLEAR	50±2
	OPAL	36±2
Shading coefficient	CLEAR	0,57±0,02
	OPAL	0,41±0,02
Warranty		10 years – See our warranty for terms and 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.