CARBO PIU®

CARBO 12 X-shaped walls	11.11.2025

POLYPIU' SRL

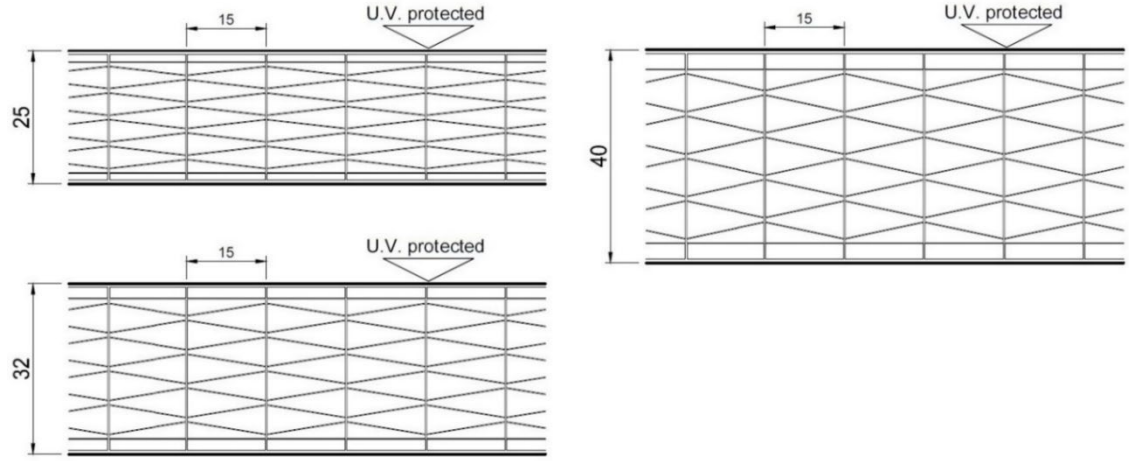
Via A. da Giussano, 15
20011 Corbetta (MI), Italy

Telephone +39 02 9748371
polypiuinfo@polypiu.it

PRODUCT: CARBOPIU' Carbo 12 X-shaped walls

THK. 25-32-40

SHEET SECTION



TECHNICAL SPECIFICATIONS:

DATA	UNIT	SPECIFICATIONS		
Thickness	mm	25±5%	32±5%	40±5%
Sheet width	mm	2100 ±5		
Sheet length	m	Standard: 6.0 m; made to measure on request		
Maximum recommended length	m	7.00		
Compliant with the reference standard	-	UNI EN 16153:2015		
Colour	-	Clear - Opal		
Structure	-	12 "X"-shaped walls		
Closure at the ends		Sealing with aluminium tape		
U.V. protection	-	UV-protected on the external side		
Fire Classification	-	B s1 d0		
Operating temperature	°C	-40° / + 130°		
Linear Thermal Expansion	mm/mm °C	6.7×10^{-5}		
Resistance to chemical agents and use and maintenance	-	Refer to the catalogue for the specifications		
Thermal Transmittance	W/m^{2}K	U= 1.30	U= 1.10	U= 0.94
Light transmission				
Clear	%	49 ±2	47 ±2	47 ±2
Opal	%	24 ±2	24 ±2	18 ±2

Special treatments

U.V. protection **Bi-colouring** **Matt treatment** **IR treatment**

For information on resistance to chemical agents, frame the QR Code:

POLYPIU

LIABILITY CLAUSE: all information and technical guidance provided is given in good faith and according to the best of our knowledge. However, as we have no control over how our materials are used, we accept no responsibility for their application. The instructions do not exempt the purchaser from carrying out their own checks to ensure that the materials comply with their own needs and the current regulations. Polypiù S.r.l. reserves the right to modify its products and the content of its documentation at any time without prior notice.

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Warranty	-	10 years - Refer to our Warranty for the terms and conditions

LOAD TABLES:

CARBOPIU' THK. 25 mm- 12 X-shaped walls

LOAD daN/m2	75	90	125	150	200	Sheet width mm
Height in metres	**3.00**	**2.50**	**2.05**	**1.70**	**1.35**	**1050**

CARBOPIU' THK. 32 mm- 12 X-shaped walls

LOAD daN/m2	75	110	125	150	200	Sheet width mm
Height in metres	**3.20**	**3.00**	**2.45**	**2.00**	**1.45**	**1050**

CARBOPIU' THK. 40 mm- 12 X-shaped walls

LOAD daN/m2	75	110	150	175	200	Sheet width mm
Height in metres	**3.35**	**3.05**	**2.70**	**2.00**	**1.50**	**1050**

NOTE: LOADS RELATED TO A SHEET FIXED ON 4 SIDES

Special treatments

U.V. protection | **Bi-colouring** | **Matt treatment** | **IR treatment**

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