

POLISTEP

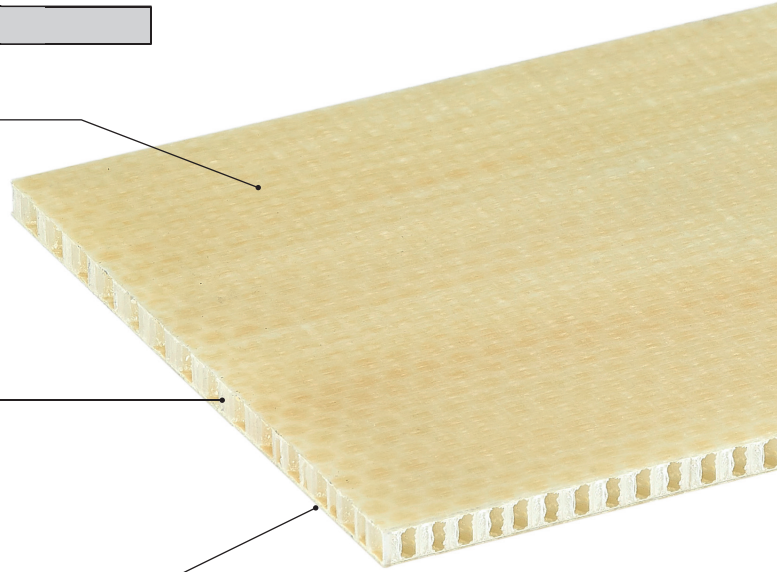
Panel's composition

SKINS IN GLASSFIBER FABRIC

Impregnated with epoxy resin - Thickness mm: 0,5

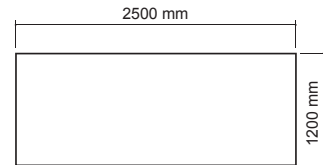
CORE

Polypropylene honeycomb



EXAMPLE	Panel's weight Ø8 80kg/m ³				
		<ul style="list-style-type: none"> Thickness' tolerance ± 0,3 mm Dimension's tolerance ± 30 mm 			
	Total thickness mm	10	15	20	25
	SKINS' thickness mm	0,5 + 0,5			
	CORE'S thickness mm	9	14	19	24
Weight kg/m ²	3,5	3,9	4,3	4,7	

Standard dimensions (other dimensions available on request) Dimension tolerance ±30mm



Characteristics of the polypropylene honeycomb

Honeycomb core's properties			
Type	8.80	T30*	T30F75**
Cell size mm	8		
Colour	white		
Density kg/m ³	80 ¹		
Compressive strength MPa	1,50	1,60	1,60
Compressive modulus MPa	70		
Shear strength MPa	-	0,50	0,50
Shear modulus MPa	-	12	13
Effective temperature range °C	da -30 a +80		
Maximum width mm	1400	1500	1500
Minimum width mm	100 ²		
Maximum length mm	2950 ²	-	-
Width tolerance mm	+/- 4		
Tolerance length mm	+/- 4		
CORE'S thickness mm	7 - 100	7 - 65	6 - 65

*T30: - thermowelded foil 30gr/m³ for adhesion.

** T30F75: thermo-welded tissue for wet lay-up.

1 Density referred to the block dimension

2 on request

- Other dimensions, core heights and types upon request.

- Minimum order quantity for each type: 10 pallets.