

## Compocel<sup>®</sup> HP

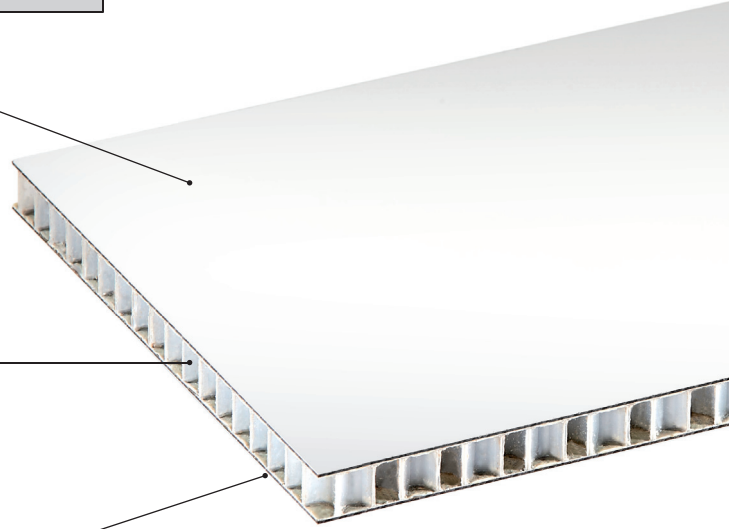
### Panel's composition

#### SKINS OF HIGH PRESSURE LAMINATE

- **Thickness:** from 0,7 to 4 mm
- Other thicknesses on request
- Colors on request

#### CORE

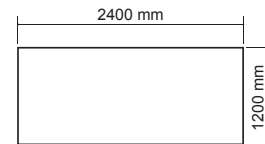
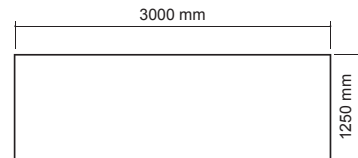
Polypropylene honeycomb



EXAMPLE	Panel's weight Ø8 80kg/m <sup>3</sup> (Ø 1/4")				
		<ul style="list-style-type: none"> <li>• Thickness' tolerance ± 0,3 mm</li> <li>• Dimension's tolerance ± 30 mm</li> </ul>			
	<b>Total thickness mm</b>	10	15	20	25
	<b>SKINS' thickness mm</b>	0,9 + 0,9			
	<b>CORE'S thickness mm</b>	8,2	13,2	18,2	23,2
<b>Weight kg/m<sup>2</sup></b>	3,9	4,3	4,7	5,1	

#### 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	bianco		
Density kg/m <sup>3</sup>	80 <sup>1</sup>		
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 <sup>2</sup>		
Maximum length mm	2950 <sup>2</sup>	-	-
Width tolerance mm	+/- 4		
Tolerance length mm	+/- 4		
CORE'S thickness mm	7 - 100	7 - 65	6 - 65

\* **T30:** - thermowelded foil 30gr/m<sup>3</sup> for adhesion.

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

<sup>1</sup> Density referred to the block dimension

<sup>2</sup> on request

- Other dimensions, core heights and types upon request.

- Minimum order quality for each type: 10 pallets.