

## Compocel® ALP

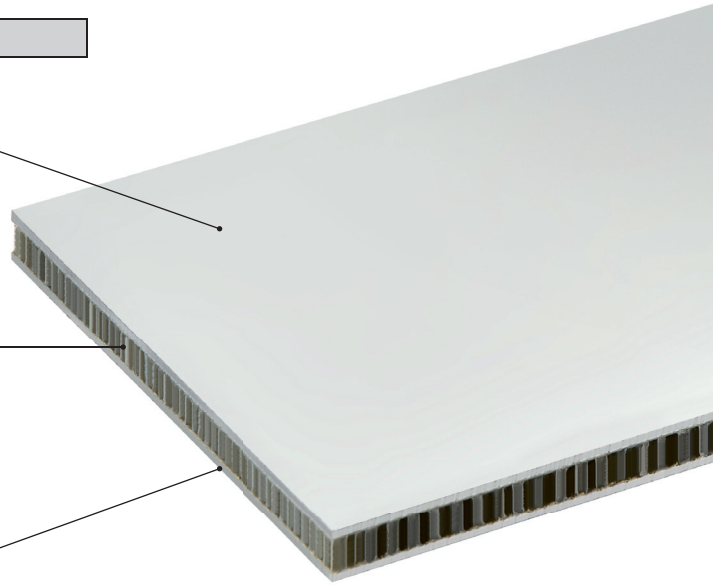
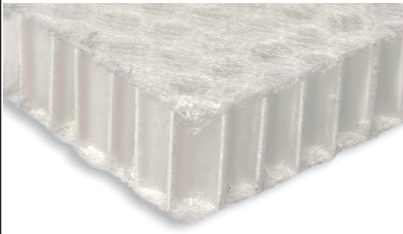
### Panel's composition

#### ALUMINIUM SKINS

Thickness mm: 0,5 - 0,8 - 1 (standard)

#### CORE

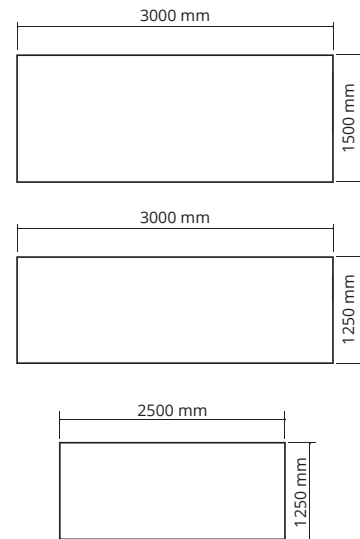
Polypropylene honeycomb



On request: • other thicknesses,  
• special alloys, treatments and pre paint with ral colors

EXAMPLE	Panel's weight Ø8 80kg/m <sup>3</sup>				
	• Thickness' tolerance ± 0,3 mm • Dimension's tolerance ± 30 mm				
	Total thickness mm	10	15	20	25
	SKINS' thickness mm	1 + 1			
	CORE'S thickness mm	8	13	18	23
Weight kg/m <sup>2</sup>	6,8	7,3	7,7	8,1	

### Standard dimensions 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 <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	from -30 to +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.

### PROCESSING METHODS



Cutting to size



Milling



Drilling



Joining



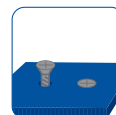
Cut to shape



Panel folding



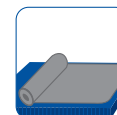
Panel edgings



Inserts



Painting



Veneering