

## Compoce<sup>®</sup> H

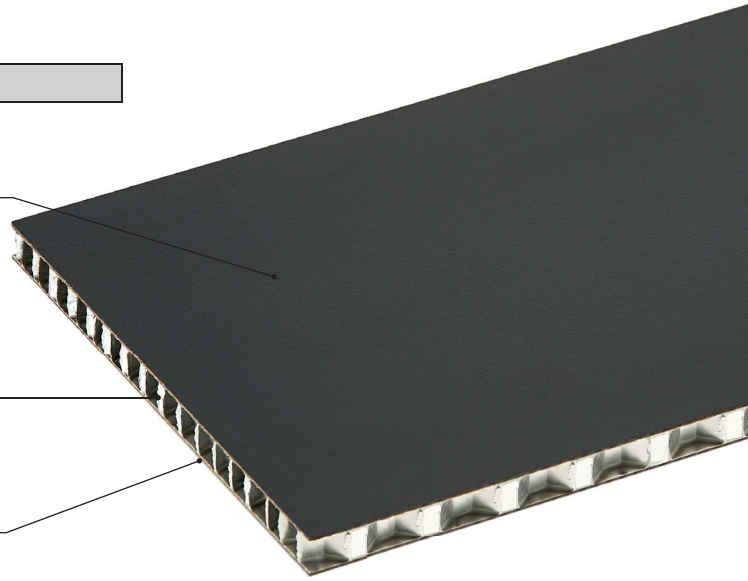
### Panel's composition

#### SKINS OF HIGH PRESSURE LAMINATE

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

#### CORE

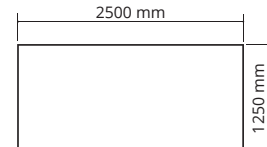
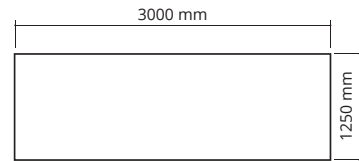
Aluminium honeycomb (Alloy series 3000\*)  
with hexagonal cells  
**Diameter:** Ø 1/4", Ø 3/8", Ø 3/4"  
**Thickness Foil:** from 50 to 70 microns



\* To Aluminium alloy series 3000 belong: Aluminium alloy 3003, Aluminium alloy 3005, Aluminium alloy 3103, Aluminium alloy 3104. Serie 5000 on demand.

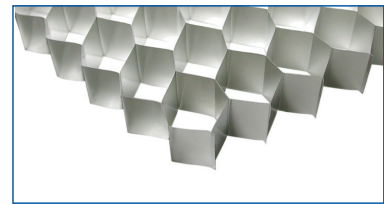
EXAMPLE	Panel's weight Ø6 56kg/m <sup>3</sup> (Ø 1/4")				
	<ul style="list-style-type: none"> <li>Thickness' tolerance ± 0,3 mm</li> <li>Dimension's tolerance ± 30 mm</li> </ul>				
	<b>Total thickness mm</b>	5	10	15	20
	<b>SKINS' thickness mm</b>	0,9 + 0,9			
	<b>CORE'S thickness mm</b>	3,2	8,2	13,2	18,2
<b>Weight kg/m<sup>2</sup></b>	3,42	3,71	4	4,30	

### Standard dimensions Dimension tolerance ±30mm



Honeycomb core's properties		50 Microns			
Type	ALUMINIUM ALLOY 3003/3005/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m <sup>3</sup>	56 - 59	39 - 40	29 - 30	20 - 21	
Compressive stabilised strength MPa	3,0 - 3,5	1,4 - 1,95	0,8 - 0,95	0,4 - 0,6	

Honeycomb core's properties		70 Microns			
Type	ALUMINIUM ALLOY 3003/3005/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m <sup>3</sup>	80 - 83	54	40 - 42	27 - 29	
Compressive stabilised strength MPa	4,3 - 4,6	2,5 - 2,6	1,41 - 1,5	0,85 - 0,9	



Aluminium honeycomb