

CompoCel[®] H

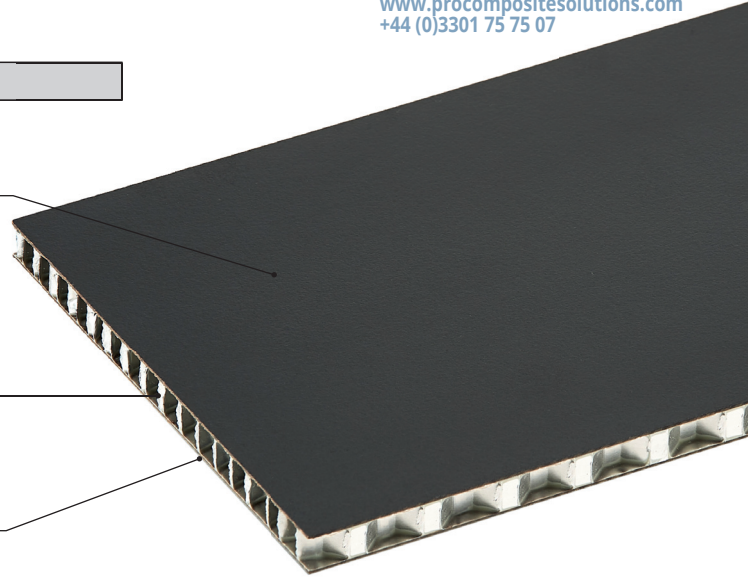
Panel's composition

SKINS OF HIGH PRESSURE LAMINATE

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

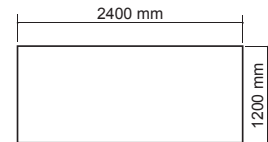
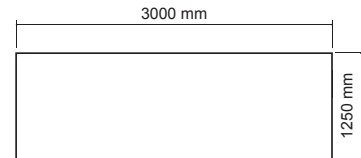
CORE

Aluminium honeycomb (Alloy 3003/3005/3103/3104)
 with hexagonal cells
Diameter: Ø 1/4", Ø 3/8", Ø 3/4"
Thickness Foil: from 50 to 70 microns



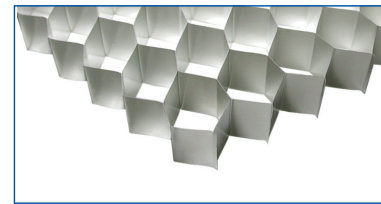
EXAMPLE	Panel's weight Ø6 56kg/m ³ (Ø 1/4")				
	<ul style="list-style-type: none"> Thickness' tolerance ± 0,3 mm Dimension's tolerance ± 30 mm 				
	Total thickness mm	5	10	15	20
	SKINS' thickness mm	0,9 + 0,9			
	CORE'S thickness mm	3,2	8,2	13,2	18,2
Weight kg/m ²	3,42	3,71	4	4,30	

Standard dimensions
 (other dimensions available on request)
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 ³	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 ³	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