

COMPOCEL® INOX

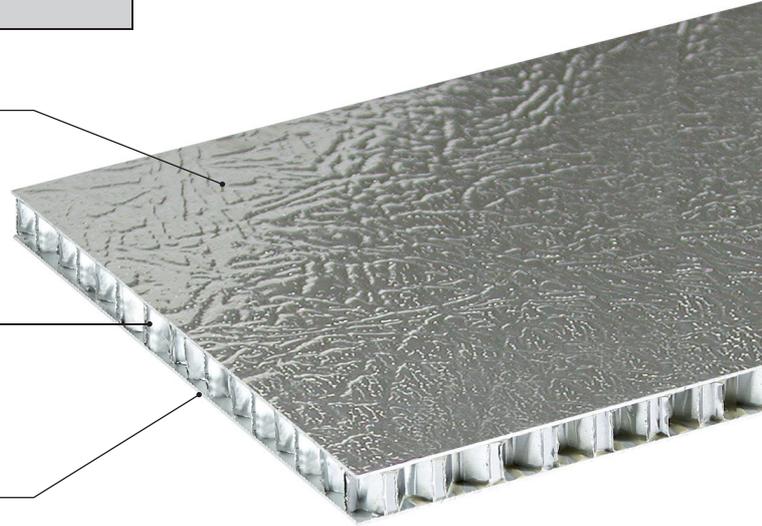
Panel's composition

STAINLESS STEEL SKINS

Thickness mm: 0,5 - 1 (standard) ALLOY AISI 304 and AISI 316
Finition on request
Glue: 400 gr/m²

CORE

Aluminium honeycomb (Alloy series 3000*) with hexagonal cells
Diameter: Ø1/4", Ø3/8", Ø1/2", Ø3/4"
Thickness Foil: from 50 to 70 microns

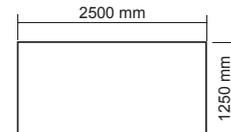
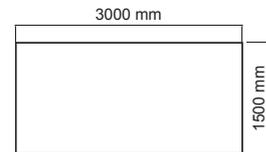


Thickness starting from 3 mm to 300 mm

* To Aluminium alloy series 3000 belong: Aluminium alloy 3003, Aluminium alloy 3005, Aluminium alloy 3103, Aluminium alloy 3104.

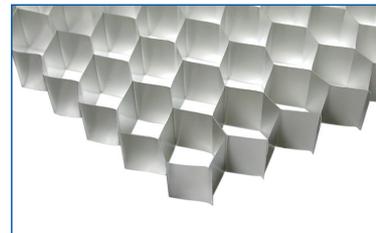
EXAMPLE	Panel's weight Ø6 56kg/m ³ (Ø 1/4")						
	<ul style="list-style-type: none"> Thickness' tolerance ± 0,3 mm Dimension's tolerance ± 30 mm 						
	Total thickness mm	6	15	10	15	20	25
	SKINS' thickness mm	0,5 + 0,5		1 + 1			
	CORE'S thickness mm	5	14	8	13	18	23
Weight kg/m ²	9,1	9,6	17,3	17,6	17,8	18,1	

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