

## COMPOCEL<sup>®</sup> INOX

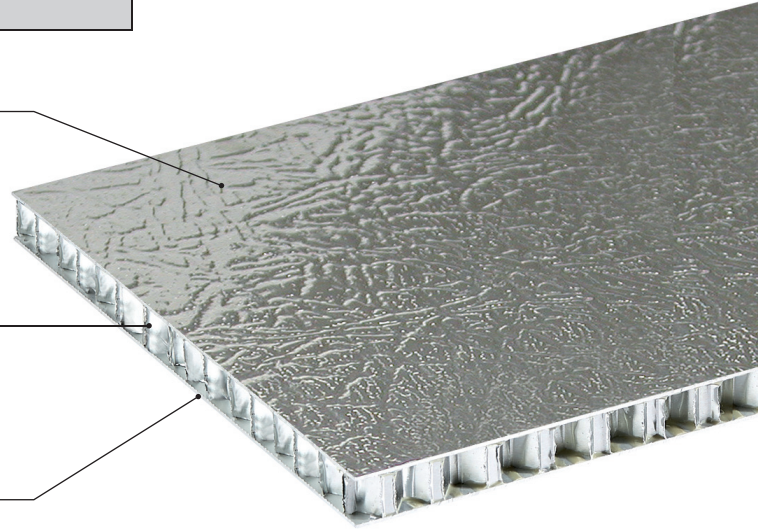
### Panel's composition

#### STAINLESS STEEL SKINS

**Thickness mm:** 0,5 - 1 (standard) ALLOY AISI 304 and AISI 316  
**Finition on request**  
**Glue:** 400 gr/m<sup>2</sup>

#### 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

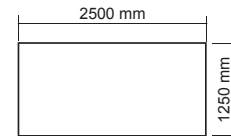
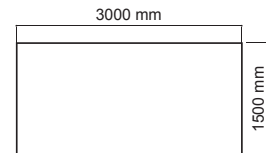


Thickness starting from 3 mm to 300 mm

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

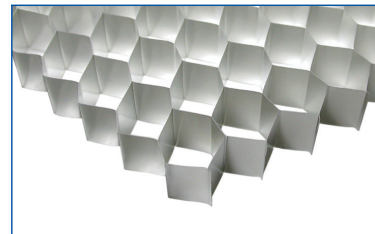
EXAMPLE	Panel's weight Ø6 56kg/m <sup>3</sup> (Ø 1/4")						
	<ul style="list-style-type: none"> <li>Thickness' tolerance ± 0,3 mm</li> <li>Dimension's tolerance ± 30 mm</li> </ul>						
	<b>Total thickness mm</b>	6	15	10	15	20	25
	<b>SKINS' thickness mm</b>	0,5 + 0,5		1 + 1			
	<b>CORE'S thickness mm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