

## Compocel® Floor Aluris - Compocel® Floor Aluman

### Panel's composition

**ALUMINIUM SKINS**  
with anti-slippery coating from 2mm

**ALUMINIUM HONEYCOMB CORE**  
(Alloy series 3000\*) with hexagonal cells  
**Foil Thickness: 70 microns**

**ALUMINIUM SKINS**  
Raw aluminium from 1mm thickness



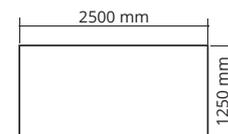
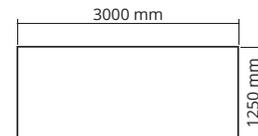
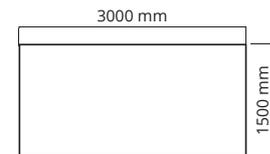
### On request:

- Other thicknesses,
- Special alloys and coating and RAL colours.

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

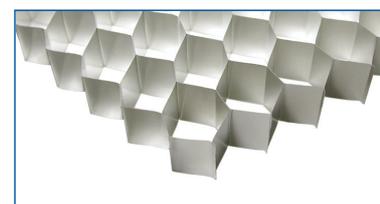
EXAMPLE	Panel's weight Ø6 84kg/m <sup>3</sup> (Ø 1/4")				
		<ul style="list-style-type: none"> <li>• Thickness' tolerance ± 0,3 mm</li> <li>• Dimension's tolerance ± 30 mm</li> </ul>			
	<b>Total thickness mm</b>	10	15	20	25
	<b>SKINS' thickness mm</b>	1 + 2			
	<b>CORE'S thickness mm</b>	7	12	17	22
<b>Weight kg/m<sup>2</sup></b>	9,5	9,9	10,3	10,7	

**Standard dimensions**  
(other dimensions available on request)  
**Dimension tolerance ± 30mm**



Honeycomb core properties		70 Microns			
Aluminum alloy series 3000*	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	

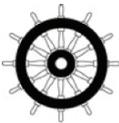
\* To Aluminium alloy series 3000 belong: Aluminium alloy 3003, Aluminium alloy 3005, Aluminium alloy 3103, Aluminium alloy 3104



Aluminium honeycomb

1/2

Certified version COMPOCEL FLOOR ALURIS - ALUMAN must be required while asking for a quotation.  
Certified products must be required in advance and might have a price surcharge due to certified materials.

CLASSES FOR FIRE REACTION			
SHIPBUILDING	MED, IMO  0407	<b>MOD. B.</b> Certification Nr.: MED- 150 (IG-038-2014)  <b>MOD. D.</b> Certification Nr.: MED- 154 (IG-178-2014)	<b>COMPOCEL AL FR</b> - aluminum honeycomb panel complying with the MED directive for the application in ships registered or applied in the European Union. Item N. MED / 3.18a, IMO 2010 FTP Code, Annex 1
	 U.S. Coast Guard	<b>MOD. B.</b> USCG N. Approval Nr.: 164.112/0407  <b>MOD. D.</b> N. Approval: 164.112/0407/ MED000154 (for MED/3.18)	<b>COMPOCEL AL FR</b> Aluminium honeycomb sandwich panel
BUILDING COUNTERTOPS	UNI EN 13501-1	<b>A2 s1 d0</b>  <b>COMPOCEL AL FR</b> Classification, non-combustible Class Certification Nr. 322406/8949/ CPR, 369385/13094/CPR  <b>COMPOCEL AL FLOOR, ALURIS, ALUMAN</b> Class certification n. 370429	<b>COMPOCEL AL FR, FLOOR, ALURIS, ALUMAN</b> Aluminium honeycomb panel  <b>A2</b> - Incombustible <b>s1</b> - Smoke emission and quantity absent <b>d0</b> - no dripping
BUILDING VENTILATED FACADES	UNI EN 13501-1	<b>A2 s1 d0</b>  Classification, non-combustible Class Certification Nr. 361288	<b>COMPOCEL AL FR</b> Aluminium honeycomb panel only 20mm  <b>A2</b> - Incombustible <b>s1</b> - Smoke emission and quantity absent <b>d0</b> - no dripping
BUILDING FLOORS	UNI EN 13501-1	<b>A2fl s1 d0</b>  <b>COMPOCEL AL FR</b> Classification, non-combustible Class Certification Nr. 322406/8949/ CPR, 369385/13094/CPR  <b>COMPOCEL AL FLOOR, ALURIS, ALUMAN</b> Class certification n. 370493	<b>COMPOCEL AL FR, FLOOR, ALURIS, ALUMAN</b> Aluminium honeycomb panel  <b>A2</b> - Incombustible <b>s1</b> - Smoke emission and quantity absent <b>d0</b> - no dripping
BUILDING	UNI EN 13501-1	<b>B s1 d0</b>  Classification, low flame spread Class Certification Nr IN-02513/2017-E	<b>COMPOCEL AL FR</b> Aluminium honeycomb panel  <b>B</b> - Low flame spread <b>s1</b> - Smoke emission and quantity absent <b>d0</b> - no dripping
BUILDING FLOORS	UNI EN 13501-1	<b>Bfl s1 d0</b>  <b>COMPOCEL AL FR</b> Classification, low flame spread Class Certification Nr. 354617  <b>COMPOCEL AL FLOOR, ALURIS, ALUMAN</b> Class certification n. 368596	<b>COMPOCEL AL FR, FLOOR, ALURIS, ALUMAN</b> Aluminium honeycomb panel  <b>Bfl</b> - low flame spread <b>s1</b> - Smoke emission and quantity absent <b>d0</b> - no dripping
RAILWAY VEHICLES	UNI EN 45545	<b>HL3 (HAZARD LEVEL)</b> Class certification n. 347927, 353207, 347921, 353209	<b>COMPOCEL AL FR</b> Aluminium honeycomb panel  Meets requirements for applications: <b>R2</b> , suspended ceilings, countertop <b>R1</b> , partitions <b>R10</b> , floors, floors, floor