

## Compoce<sup>®</sup> H

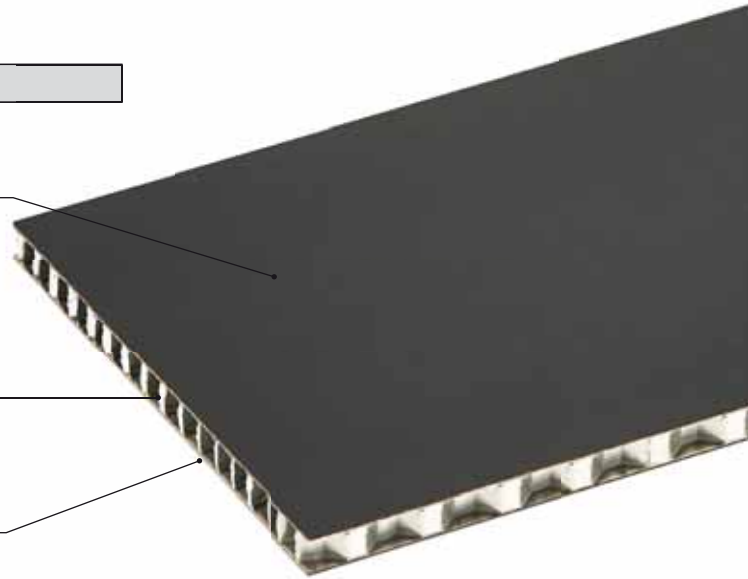
### Panel's composition

#### SKINS OF HIGH PRESSURE LAMINATE

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

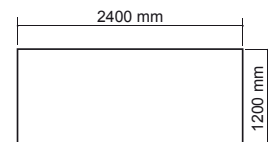
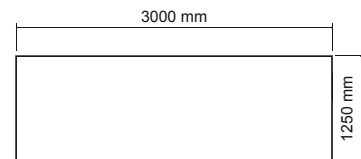
#### CORE

Aluminium honeycomb (Alloy 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 <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> |           |     |      |      |
|                          | 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 <sup>2</sup> | 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 <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