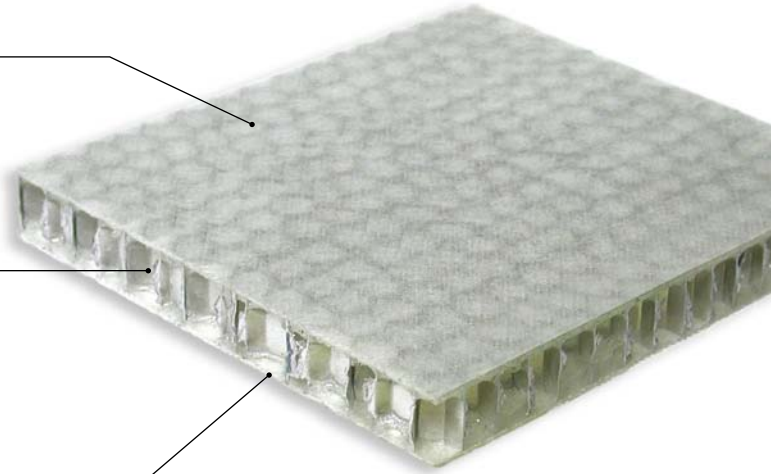


ALUSTEP

Panel's composition

SKINS IN BIDIRECTIONAL GLASSFIBER FABRIC
 impregnated with epoxy resin
Thickness mm: 0,5

CORE
 Aluminium honeycomb (Alloy 3003)
 with hexagonal cells
Diameter: Ø 6, Ø 9, Ø 12, Ø 19
Density: from 20 to 80 Kg/m³



On request:

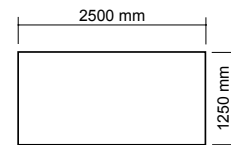
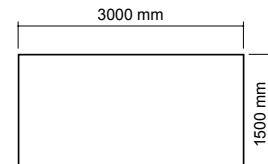
- other weight and type of fabric,
- peel-ply for stone-gluing.

Panel's weight (with honeycomb core ALU Ø 6 mm, density 54 kg/m³)

- Available with cores ALU Ø 9 - 12 - 19 mm
- Thickness starting from 6 mm
- Thickness' tolerance ± 0,5 mm
- Dimension's tolerance ± 30 mm

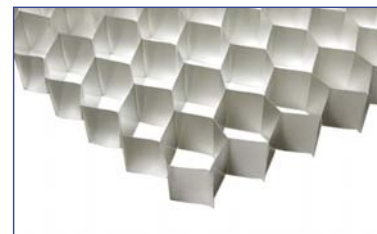
| | | | | | |
|--------------------------------|-----------|-----|-----|-----|-----|
| Total thickness mm | 10 | 15 | 20 | 25 | 30 |
| SKINS' thickness mm | 0,5 + 0,5 | | | | |
| CORE'S thickness mm | 9 | 14 | 19 | 24 | 29 |
| Weight kg/m² | 4,1 | 4,4 | 4,7 | 4,9 | 5,2 |

Standard dimensions (other dimensions available on request)



Honeycomb core's properties

| Type | ALUMINIUM ALLOY 3003 | | | |
|---------------------------------------|----------------------|-----------|-----------|-----------|
| Effective temperature range °C | from - 50 to + 175 | | | |
| Cell size mm | Ø 6 | Ø 9 | Ø 12 | Ø 19 |
| Density kg/m³ | 54 ÷ 80 | 40 ÷ 53 | 29 ÷ 40 | 20 ÷ 27 |
| Compressive stabilized MPa | 3,2 ÷ 5,0 | 1,6 ÷ 3,0 | 0,8 ÷ 1,6 | 0,3 ÷ 0,6 |



Aluminium honeycomb