

OKU - ALU

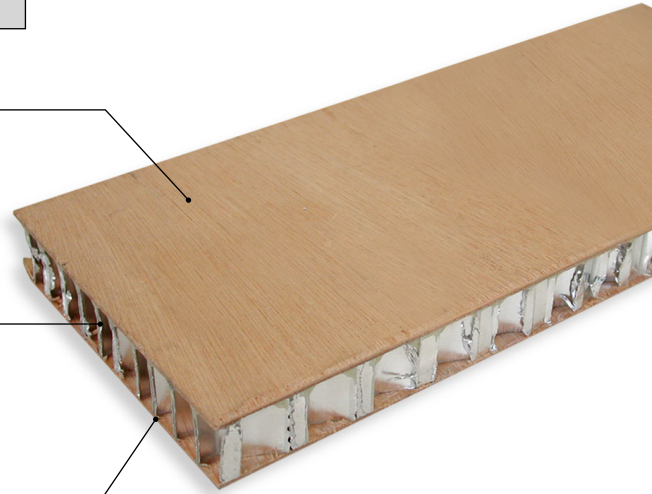
Panel's composition

SKINS OF MARINE PLYWOOD

quality Okoumè
 Thickness: from 1,5 to 8 mm

CORE

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



On request: • other qualities of plywood.

EXAMPLES

Panel's weight (with Honeycomb core ALU Ø 9 mm, density 40 kg/m³) - example

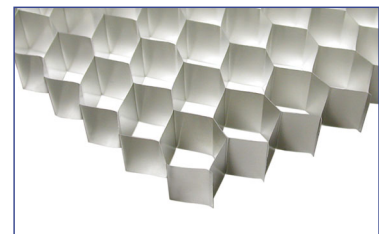
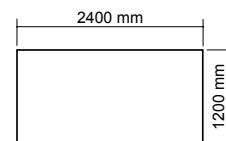
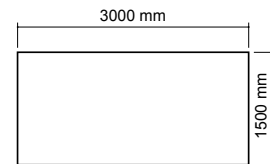
- Available with cores ALU Ø 6 - 9 - 12 mm
- Thickness starting from 14 mm
- Thickness tolerance ± 0,5 mm
- Dimension tolerance ± 30 mm

| Total thickness mm | 14 | 16 | 18 | 20 |
|--------------------------|------|-----|-----|------|
| SKIN thickness mm | 3+3 | 3+3 | 4+4 | 4+4 |
| CORE thickness mm | 8 | 10 | 10 | 12 |
| Weight kg/m ² | 3,38 | 3,5 | 4,4 | 4,42 |

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/m ³ | 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 |

Standard dimensions (other dimensions available on request)



Aluminium honeycomb