

HPL - ALU

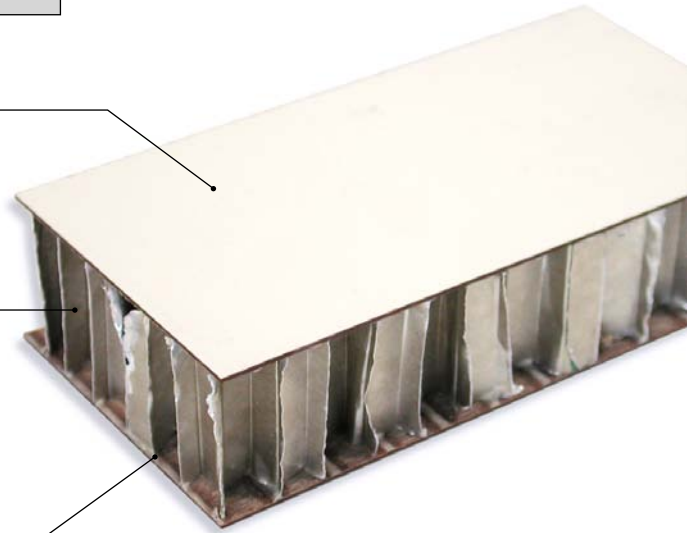
Panel's composition

SKINS OF HIGH PRESSURE LAMINATE

Thickness: from 0,9 to 4 mm
RAL colours
Laminate: F1 - M1 available

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: • high pressure laminate raw finishing HPLG.

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

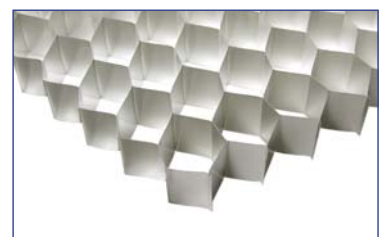
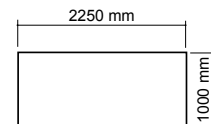
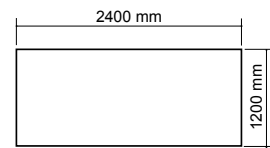
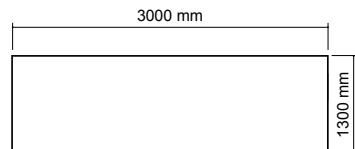
- Available with cores ALU Ø 6 - 9 - 12 mm
- Thickness starting from 6 mm
- Thickness' tolerance ± 0,5 mm
- Dimension's tolerance ± 30 mm

Total thickness mm	10	15	20	25	30
SKINS' thickness mm	0,9 + 0,9				
CORE'S thickness mm	8	13	18	23	28
Weight kg/m²	3,1	3,3	3,5	3,7	3,9

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

Standard dimensions (other dimensions available on request)



Aluminium honeycomb