

ALU - ALU

Panel's composition

SKIN OF ALUMINIUM

Alloy: 5754 H 32, 99.5 H 24

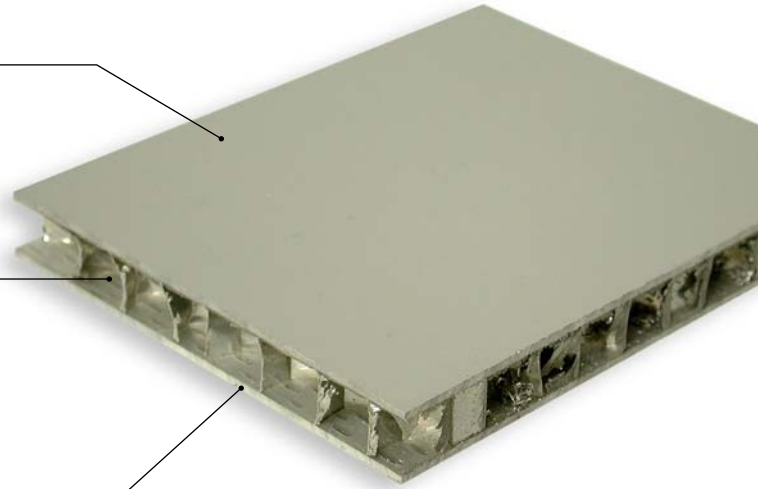
Thickness mm: 1,0 - 1,2 - 1,5 - 2,0 - 2,5 - 3,0

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 thicknesses,
 - alloys and RAL-colours,
 - ESD dissipant painting,
 - stainless steel skins.

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

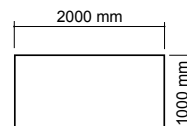
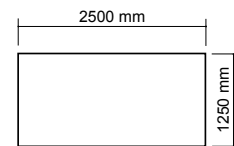
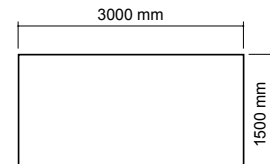
- Available with cores ALU Ø 6 - 12 - 19 mm
- Thickness starting from 6 mm
- Thickness' tolerance ± 0,5 mm
- Dimension's tolerance ± 30 mm

Total thickness mm	10	15	20	25	30
SKINS' thickness mm	1,0 + 1,0				
CORE'S thickness mm	8	13	18	23	28
Weight kg/m ²	6,1	6,3	6,5	6,7	6,9

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/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