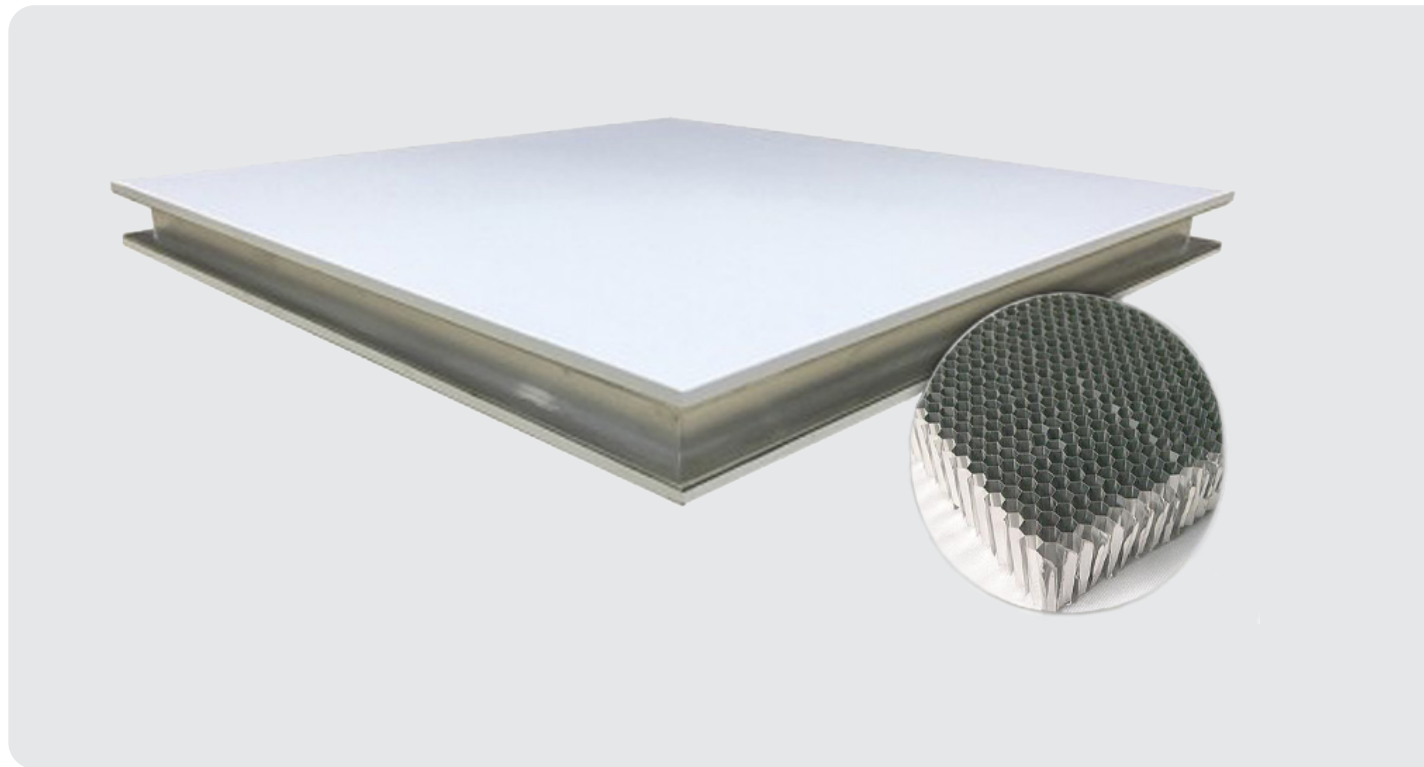


Panel-Lab Honey Alu

Aluminium honeycomb core panel with aluminium profile



- The honeycomb core is made of aluminium, which makes it very lightweight. The Panel-Lab Honey Alu incorporates an aluminium profile in the joints, offering good compressive strength and high durability.
- The high performance of Panel-Lab Honey Alu, such as its lightness, rigidity and durability, make it an ideal panel for the construction of clean room walls and ceilings.



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Panel-Lab Honey Alu

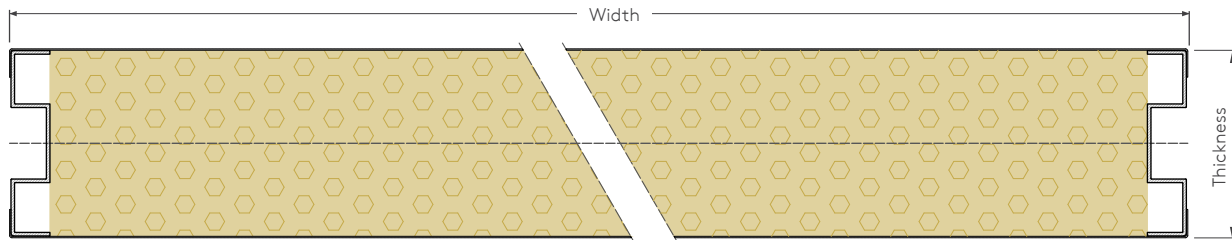


Description and applications

- Sandwich panel with aluminium honeycomb core, 0.6 mm steel faces and available in various thicknesses.
- The panel, which incorporates an aluminium framing profile, has been designed for the construction of walls, ceilings and partitions in clean rooms, laboratories, research centres, the pharmaceutical sector, etc.
- Lightweight panel with very good mechanical strength suitable for use in ceilings with lighting installations.
- Wide range of highly durable coatings, adapted to the environment in which the panel will be installed.



Technical characteristics



Useful width ⁽¹⁾	1,200 o 1,100 mm			
Core	Aluminium honeycomb			
Core density	27 kg/m ³			
Panel thickness (mm)	40	50	60	80
Self weight ⁽²⁾ (kg/m²)	11.93	12.10	12.51	13.34

(1) Other widths are available on request.

(2) Considering sheet thickness 0.6 mm and two-edged profile.

Panel-Lab Honey Alu



Certificates and applicable regulations

Implementing legislation raw material

- Manufacturing standard EN 10346 for hot-dip galvanised sheet metal and EN 10169 for organic coatings.

Panel components

Core

- Aluminium honeycomb density 27 kg/m³.

External faces

- Cold-formed sheet from steel coil, sheet thickness 0.6 mm.

Aluminium profile

- Aluminium profile on all four edges of the panel. The profile can be used to house support profiles for walls and ceilings.

Finishes

Profiling option

- Smooth finish.

Colores

- Standard manufacture: Pyrenean White 1006 in 25 micron lacquer. Consult availability of other colours.

Available coatings

- Pre-lacquering, Inox, PVC, PET.

Company certificates

Kingspan | Invespanel's Quality Management System, according to ISO 9001, and Environmental Management System, according to ISO 14001, are audited by AENOR and IQNet.



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