



## HexaPano

Aluminium laminate honeycomb panel

### Short description

HexaPano panels are completely made of aluminium: aluminium honeycomb core and aluminium skin

HexaPano panels combine lightness and strength.

**Laminate :** Factory painted white aluminium skin (0,8mm or 1,2mm)  
Protected with a PVC film  
Colour : white ± RAL 9010  
Available with a height of 2.570mm!

**Core :** Aluminium core  
An industrial grade aluminium hexagonal honeycomb with foil treatment against corrosion.  
Cell size ¼" (6,3mm)



### Dimensions – weights – mechanical characteristics

	Tpa 25mm	Tpa 25,8mm	Tpa 25,4mm
Maximum Lpa (ext. length)	8.125mm	8.125mm	8.125mm
Maximum Hpa (ext. height)	2.570mm	2.570mm	2.570mm
Weight (+/- 5%)	6,3kg/m <sup>2</sup>	8,5kg/m <sup>2</sup>	7,4kg/m <sup>2</sup>
Compression strength	1,5 MPa	1,5 MPa	1,5 MPa
Compression modulus	250 MPa	250 MPa	250 MPa
Shear strength	1,0 MPa	1,0 MPa	1,0 MPa
Shear modulus	150 Mpa	150 Mpa	150 Mpa
Impact strength	In Testphase		

Tpa = panel thickness

### Why choose the HexaPano panels?

- HexaPano panels combine lightness and strength
- HexaPano panels are extremely resistant against humidity and corrosion. The industrial grade aluminium hexagonal honeycomb has effectively been treated against corrosion
- HexaPano panels are functional and they allow an easy and quick assembly

### Application fields

- For mobile and special applications like bodies for commercial vehicles, market trader flaps, mobile shops, aircraft support vehicles, lift cages and engine rooms, decks, floors and roofs, bodies for horse transport, ...
- in short for all applications where lightness and stiffness are of utmost importance

### Some references



Edition September 2010 – subject to modifications

All figures in this PolyPan flyer are the result of average values obtained in our laboratories. They are given for your information and have therefore no binding effect.