



AluPano

the bonded aluminium laminate insulation panel

Short description

The AluPano insulation panels are provided with white coloured aluminium sheets.

They boast an excellent thermal insulation and result in aesthetic insulated constructions.

Laminates factory painted white aluminium skin (0,8mm or 1,2mm),
protected with PVC film.
colour : white \pm RAL 9010
available in a height of 2.570mm!

Core : PU insulation core 33, 40 or 50 kg/m³



Dimensions – weights – mechanical characteristics

	AluPano 0,8mm – 0,8mm	AluPano 1,2mm – 1,2mm	AluPano 0,8mm – 1,2mm
Maximum Lpa (ext. length)	15.300mm	15.300mm	15.300mm
Maximum Hpa (ext. height)	2.570mm	2.570mm	2.570mm
Weight (Tpa 30mm PU 30 kg/m ²)	6 kg/m ²	8,2 kg/m ²	6,9 kg/m ²
Compression strength	0,35 MPa	0,35 MPa	0,35 MPa
Compression modulus	8 MPa	8 MPa	8 MPa
Shear strength	0,5 MPa	0,5 MPa	0,5 MPa
Shear modulus	12 MPa	12 MPa	12 MPa
Impact strength	In testing procedure		
Maximum panel thickness (Tpa)	120mm	120mm	120mm

Why choose for the AluPano panels?

- AluPano panels are ideal for the construction of ultra-aesthetic insulated vehicle bodies
- AluPano panels guarantee excellent insulation values and very good mechanical characteristics
- AluPano panels are functional, light and they allow an easy and quick assembly
- AluPano panels are delivered tailor-made with many available options

Application fields

- Insulated bodies for trucks and trailers
- Aircraft support vehicles, mobile shops, mobile cool shops and relocatable cold stores
- AluPano panels are particularly suitable for being used in the transport and storing of non-packed foods

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.