

ALU - PP

Panel's composition

SKINS 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

Polypropylene honeycomb type PP 8.0 T30

Density: 80 Kg/m³



On request: • other thicknesses,
• alloys and RAL-colours available.

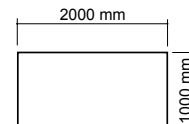
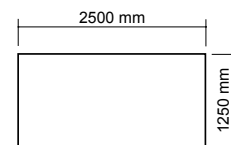
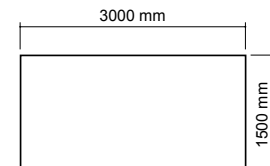
Panel's weight

- Honeycomb core PP 8.0 T30
- Thickness starting from 10 mm
- Thickness' tolerance $\pm 0,5$ mm
- Dimension's tolerance ± 30 mm

Total thickness mm	10	15	20	25	30	40
SKINS' thickness mm	1,0 + 1,0					
CORE'S thickness mm	8	13	18	23	28	38
Weight kg/m ²	6,5	6,9	7,3	7,8	8,1	8,5

Standard dimensions

(other dimensions available on request)



Polypropylene honeycomb

Honeycomb core's properties	
Type	PP 8.0 T30
Cell size mm	8.0
Colour	white
Density kg/m ³	80
Compressive strength MPa DIN 53421	2.0
Compressive modulus MPa DIN 53421	97
Shear strength MPa DIN 53294	0,55
Shear modulus MPa DIN 53294	12.8
Effective temperature range °C	from - 30 to + 80
Thermal conductivity W/mK 10°C	0,102
Sound reduction factor 50 - 4.000 Hz	22 dB
Water absorption max	0,10%
Water absorption 24H	0,10%
Flammability	normal

Note:

- T30: thermo-welded (30 gr/m²) tissue for glueing.