

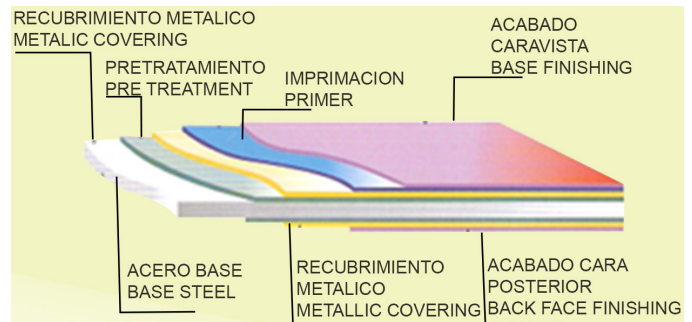
Technical characteristics covering panel(COVERPAP)

This Insulated Panel is specially designed for Construction, COVERPAP panel is used for roof construction with a secret fixing system. Produced by PAP Panels SL, based in MONTALBO (Cuenca) Spain.



- Usable width: 1.130 mm.
- Thicknesses: 30 mm. and 40 mm.
- Maximum length. 15,10 m. (depending on transport)
- Minimum standard length. 2,00 m.
- Density:
 - The density of polyisocyanurate **PIR** is of 40 kg/m³ or 38 kg/m³ ,according to the accredited CE
 - Thermal conductivity of the polyisocyanurate foam $\lambda = 0,020 \pm 0,003$ W/mk.
 - Thermal dimensional stability at 80 °C < to 2% in volume. According to the rule UNE-EN 1604.
 - Thermal dimensional stability at -20 °C < to 2% in volume. According to the rule UNE-EN 1604.
- Panel Insulation:
 - Polyisocyanurate **PIR**. Classification of Fire Reaction: (**B-s1, d0**), According to the rule UNE-EN 13501-1:2007 + A1:2009.

STEEL SHEET CHARACTERISTICS FINISHES/VENEERS



Tratamiento superficial de planchas

Acero galvanizado EN 10142 y 10147. Bajo consulta otros soportes (ZA,AZ,Al). El recubrimiento estándar de la cara posterior es apto para la adherencia de espumas de poliuretano habituales.

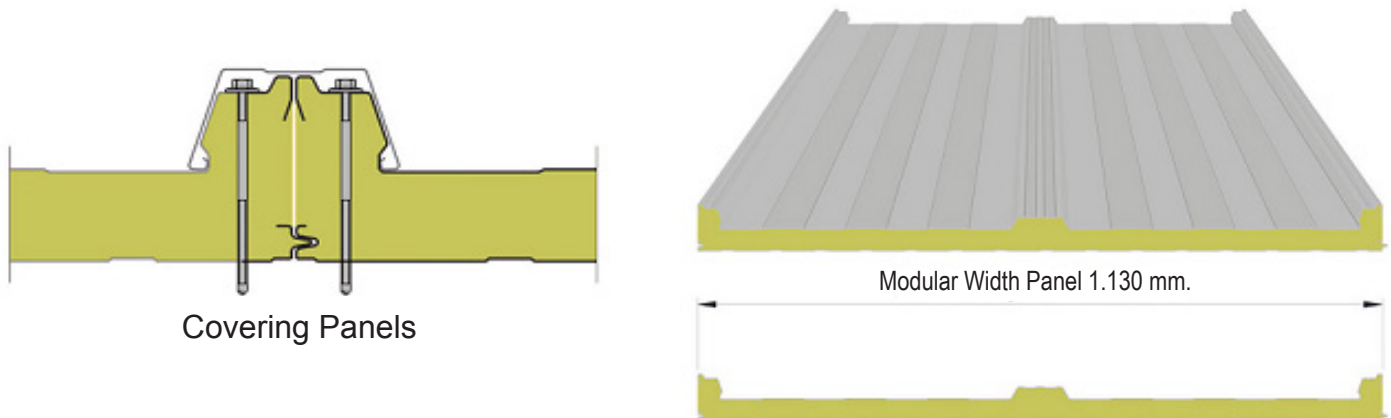
Sheet thicknesses 0,5 mm. or 0,6 mm.

- Galvanized steel coated in ZN = 100-225 g/m², with coloured polyester lacquered coating (rule UNE-EN 10169-1). Thickness of the coating: 25 μ (± 2).
 - Steel used defined in the rule UNE EN 10346 and its dimensional tolerances and this way they are specified in the rule UNE-EN 10143.
 - Elastic limit of the steel sheet: ≥ 220 N/mm²
- ON DEMAND SPECIALLY TREATED SHEET FINISHED CAN BE MANUFACTURED:
- Polyester Lacquering (mínimum quality we offered for the surface treatment of the steel and white color)
 - PVC of 110 micras (certified bs1,d0), PVC of 200 micras, PET....
 - Stainless Steel (Quality 304 and 316)
 - PVDF, HDX,
 - Other finishes and color son request, depending on availability of the steel company

STREAMLINED:

- Smooth
- Striated.
- Corrugated.
- Micro-striated

DETAIL ON THE JOINING POINT BETWEEN PANELS:



LOADING AND TECHNICAL TABLES

K	WEIGHT	PANEL THICKNESS	Load on TWO support points as arrows ≤ L/200 (1kgf-0,98daN) Panel with 0,5/0,5 mm sheet.							
			60	80	100	120	150	180	200	250
U(W/m²k)	Kg./m²	mm.								
0,61	9,88	30	3,70	3,15	2,70	2,35	2,00	1,80	1,65	1,45
0,48	10,31	40	4,00	3,35	2,90	2,50	2,10	2,25	1,75	1,50

K	WEIGHT	PANEL THICKNESS	Load on THREE support points as arrows ≤ L/200 (1kgf-0,98daN) Panel with 0,5/0,5 mm sheet.							
			60	80	100	120	150	180	200	250
U(W/m²k)	Kg./m²	mm.								
0,61	9,88	30	4,05	3,40	3,00	2,65	2,35	2,15	1,95	1,65
0,48	10,31	40	4,50	3,85	3,30	2,95	2,50	2,25	2,05	1,70

