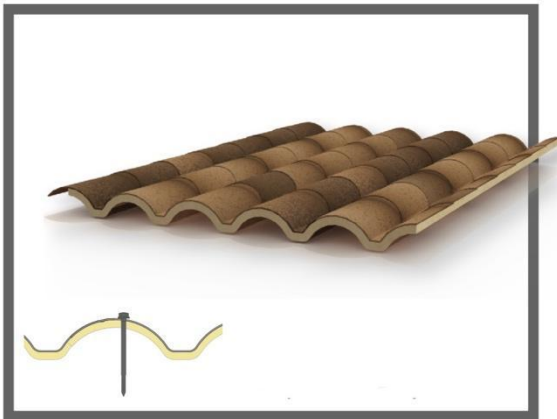




Tile Effect - Slim



These types of panels are made up of a pre-lacquered steel sheet on the upper part and a thin layer of embossed aluminum on the lower part, between them a core of rigid foam injected between the two sheets in a continuous manufacturing process (PUR).



Great lightness



Affordable solution



Great aesthetic

Interior Embossed Aluminum Face

50 $\mu \pm 5\%$ embossed aluminum sheet, with 2 g/m² exterior matt transparent polyester lacquer and 0.3 g/m² PUR primer. The sheet has a breaking load greater than 130 MPa and elongation greater than 2%.

External Metallic Sheet

The outer face, together with the insulating core, offer high insulation, since both faces are adhered to the core and separated on both sides, breaking the thermal bridge between the steel sheets.

Main Specifications

- This type of roof sheeting is the perfect option when good aesthetic is important, ideal for rural, civil and rehabilitation areas as it does not touch the structure, freeing it from any effort.
- Offers maximum performance with minimum weight.
- Great thermal and acoustic insulation.
- Great practicality and safety.
- They are very light pieces that provide great impermeability to ceilings.
- They are fixed directly to the wood/straps providing great security of fixing to the structure.
- In addition to the standard measurements detailed in the table, these panels can be customized depending on the size of the order.

Panel Specifications

Panel Thickness (mm)	25
Panel length (mm)	Standard from 2000 mm to 10000mm
Panel width (mm)	1000 mm
Core density	40 kg/m ³
Thermal conductivity coefficient	PUR 0,023 W/MK
Thermal transmission coefficient	PUR 0,79
R Factor	R1,26
Thermal resistance R Factor	R6,80
Linear meter weight	6,58 Kg/mL

Maximum Load Table

Hypothesis Pressure Load: Sheet thickness 0.4mm
DISTANCE BETWEEN SUPPORTS (m)

Panel thickness (mm)	1,5m	2m	2,5m	3m	3,5m
2 SUPPORTS 25 mm	105,20	56,20	33,50	22,30	15,30

Hypothesis Suction Load: Sheet thickness 0.4mm
DISTANCE BETWEEN SUPPORTS (m)

Panel thickness (mm)	1,5m	2m	2,5m	3m	3,5m
2 SUPPORTS 25 mm	10,10	8,30	4,90	4,40	4,60