



MAIN CHARACTERISTICS

- Panel with great aesthetics intended for housing
- Great impermeability and mechanical resistance
- Easy installation
- Superior thermal and acoustic insulation
- Maximum performance with minimum weight

COLORS



RED TILE



SLATE GRAY



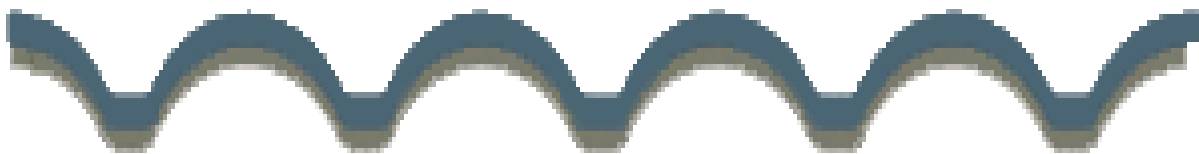
AGED ALBERO

DESCRIPTION

Roof panel with an exterior sheet in imitation Castilian tile and **high-density PUR foam insulating core**. It is a sandwich panel with an **outstanding aesthetic finish**, as well as great mechanical resistance and high thermal insulation.

Installation is very simple, as one panel **overlaps** the next and **is screwed directly to the structure** (wood, concrete, metal) which makes them passable, providing great fixation. Thus, costs are reduced to obtain a spectacular result.

PANEL GEOMETRY



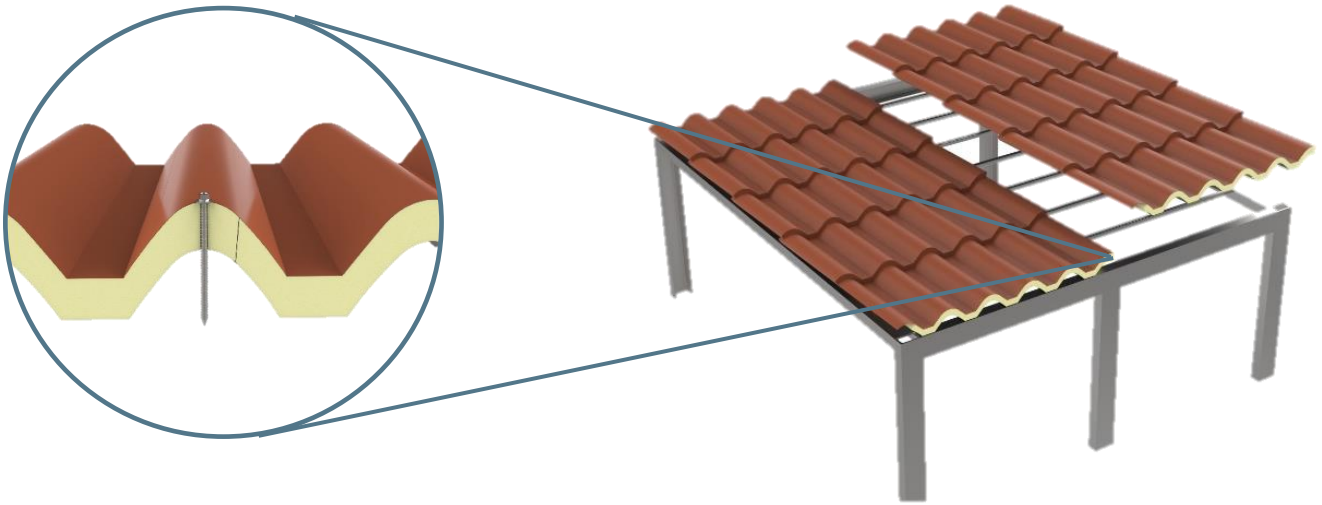
INNER ALUMINUM FACE

Embossed aluminum of 50 μ (\pm 5%) with external lacquer of 2g/m² and adherent to PUR of 0.3 g/m².
Breaking load of 130 MPa and elongation greater than 2%.

EXTERNAL METAL FACE

Sheet thickness of 0.5 mm (according to order). The dimensional and shape tolerances are given by the **UNE-EN 10169-1.2 standard**.

ASSEMBLY DETAIL



PROPERTIES

Panel thickness (mm)	25
Panel length (mm)	Standard 2000 mm to 16000 mm
Panel Width	1000 mm
Density of the insulating core (Kg/m ³)	40 Kg/m ³ (+ 4 mm)
Coefficient of thermal conductivity (λ)	0,023 W/mK (PUR)
Thermal transmission coefficient (W/m ² K)	0,79 (PUR)
R-factor (m ² K/W)	R1,26
Thermal resistance (Hr-ft ² -°F)/BTU	R6,80
Panel weight per linear meter	6,58 Kg/mL

*The values shown are approximate. For more information, please contact our sales representatives.

MAXIMUM ALLOWABLE LOADS (1 SPAN)

- **MAXIMUM PRESSURE LOAD (Kg/m²)**

Sheet thickness (mm)	DISTANCE BETWEEN BELTS (m)				
	1.5 m	2 m	2,5 m	3 m	3,5 m
0,4	105,20	56,20	33,50	22,30	15,30

*Data for a panel with a thickness of 25 mm. The values shown are approximate. For more information, please contact our sales representatives.

- **MAXIMUM SUCTION LOAD (Kg/m²)**

Sheet thickness (mm)	DISTANCE BETWEEN BELTS (m)				
	1.5 m	2 m	2,5 m	3 m	3,5 m
0,4	10,10	8,30	4,90	4,40	4,60

*Data for a panel with a thickness of 25 mm. The values shown are approximate. For more information, please contact our sales representatives.