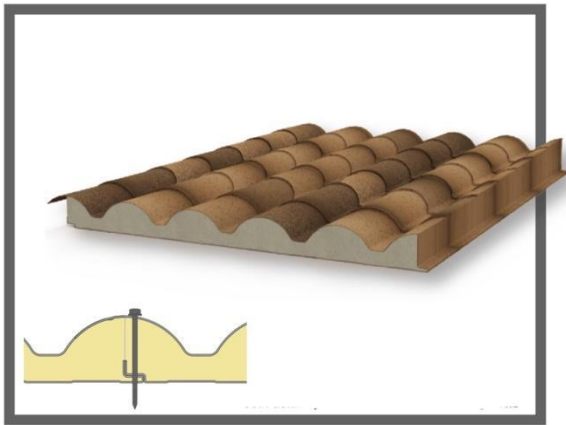




## Tile Effect - Standard



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 solution

## Core

There are different types of insulating core according to customer requirements, “PUR,” “PIR,” with a density of 40 Kg/m<sup>3</sup>.

## Metallic Sheets

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

<b>Panel Thickness (mm)</b>	<b>65</b>
Panel thickness on thinner point	30 mm y 40 mm
Panel thickness on peak point	80 mm y 90 mm
Panel length	Standard from 2000 mm to 16000mm
Panel width	1000 mm
Core density	40 kg/m <sup>3</sup>
Thermal conductivity coefficient	PUR 0,023 W/MK / PIR 0.022 W/mK
Thermal transmission coefficient PUR	0,35 2/m <sup>2</sup> L
Linear meter weight (per panel)	10,21 Kg/m <sup>2</sup>
Tensile strength	0,10 Mpa
Flexural strength	1,28 KNm/m
Air permeability	1,75 m <sup>3</sup> /h/m <sup>2</sup>
Water permeability	Class A
SBI fire classification (PUR)	F

## 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 Peak 80 mm Trough 30 mm	175,90	103	69	56,30	43,60

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

Panel thickness (mm)	1,5m	2m	2,5m	3m	3,5m
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2 SUPPORTS Peak 80 mm Trough 30 mm	178,20	124,10	95,90	65,30	49,80
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