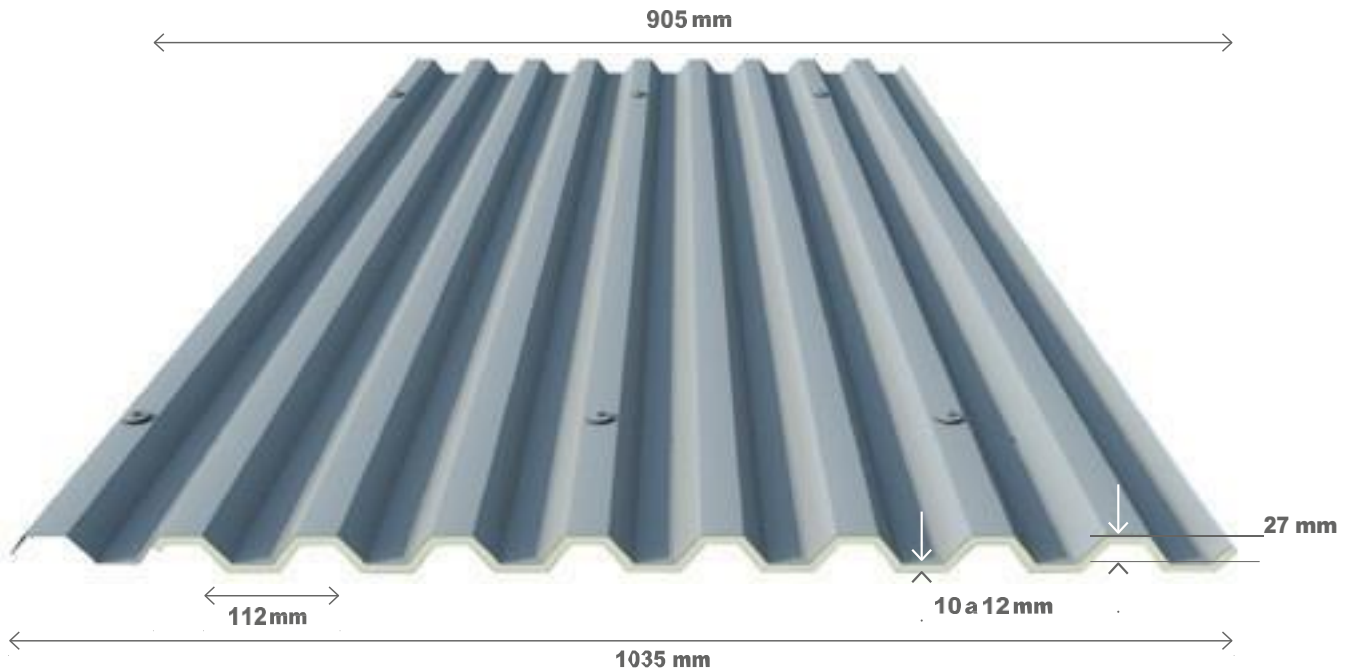




ISOTEC27
ROOF AND FAÇADE THERMAL PANELS



Isotec27



Roof and façade insulation panels. High-density polyurethane insulation (60 kg / m³) and aluminum foil on the inside.

The Isotec27 Panel is a solution for industrial and residential roofs and façades.

Its characteristics make it easy to assemble and handle in places with limited accessibility, adapting to arched roofs.

Using a secondary structure, the Isotec 27 Panel can be applied to façades and self-supporting, fiber cement and metal roofs.



Thermal control

Polyurethane insulation and aluminum foil.



Non-condensing roofs

No need for pre-insulation.



Acoustic control

Soundproofing for new and existing roofs. Noise reduction during precipitation.



Reaction to Fire Class B s₂ d₀

According to EC fire performance regulations EN 13501-1:2007+A1:2009).



Easy to assemble

Easy handling thanks to the panels' low weight.

Geometric and mass characteristics of composite sheets

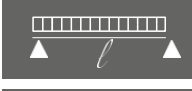

Profile	Trapezoidal
Length	2,0 m a 13,5 m
Total Width	1035 mm
Useful width	905 mm
Variable thickness	10 a 12 mm
Mass per surface unit	5 kg/m
Thermal conductivity, aged value, λ_a , ($\lambda_{(13/23/50) 90/90}$) (EN12667; EN16165)	0,034 W/m. ⁰ C

Classification of reaction to fire performance

Outdoor fire	B-s ₂ ,d ₀	With embossed aluminum coating on the inside
Inner fire	B-s ₂ ,d ₀	With embossed aluminum coating on the inside

λ_a , ($\lambda_{(13/23/50) 90/90}$) (EN12667; EN16165)

Technical characteristics

ESP mm	K W m ² .C ⁰	PANEL WEIGHT Kg/m ²	U.M		
10	0,034	5	KN/m ²	0,98	1,56

Isotec27



PACKAGING

Quantity: max. 30 panels per package



CARGO IN A COMMERCIAL VEHICLE

Easy loading in small standard sizes.



CONTAINERIZED CARGO

**Quantity 20' : 1250m²
Quantity 40' : 2500m²**



TRUCK CARGO

Quantity: 2200 m²



Composition

- 1. **Sheet metal with lacquered finish 0,5 mm.**
- 2. **Polyurethane insulation B2.**
- 3. **Aluminum foil (optional).**

Colors

White - RAL 9010

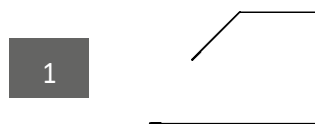
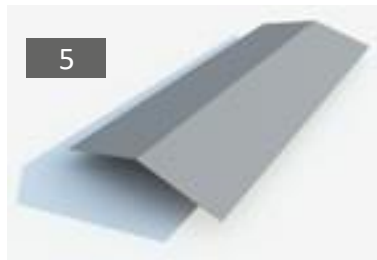
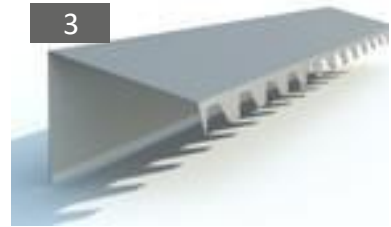
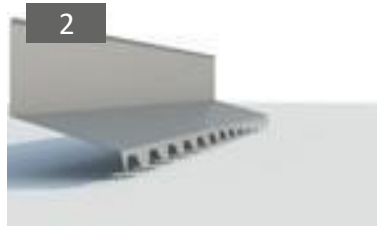
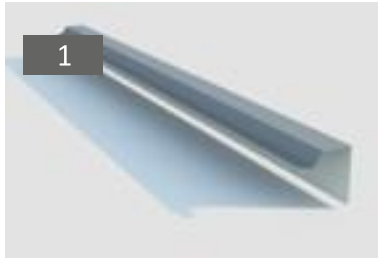
Grey - RAL 9006

Clay - RAL 3009

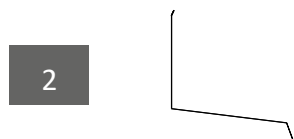
Measures

*2500mm, 3000mm, 3500mm, 4000mm,
4500mm, 5000mm*

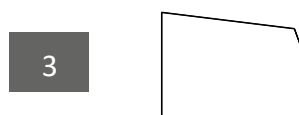
Finishing profiles and trims - ISOTEC27



Side kick



Ruffle with cut-out option



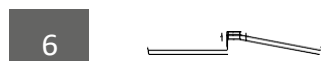
Ridge cap/trim for backrest on wall, with cut-out option



Gable ridge and single ridge, with cut-out option

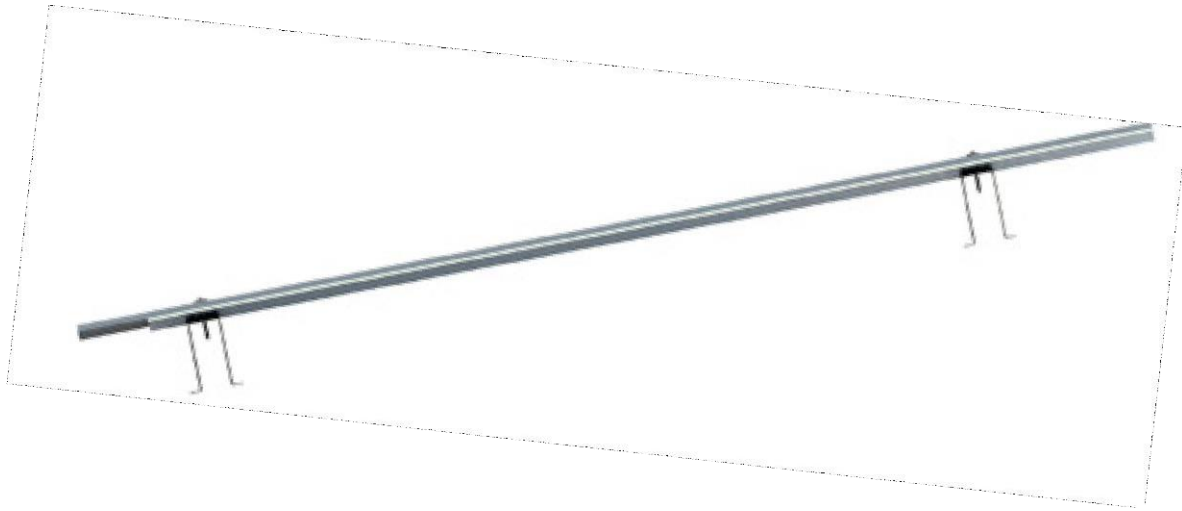


Simple ridge



Profile corrugated ridge ISOTEC 27

Application and Fixings - ISOTEC27



LONGITUDINAL OVERLAP 200 MM

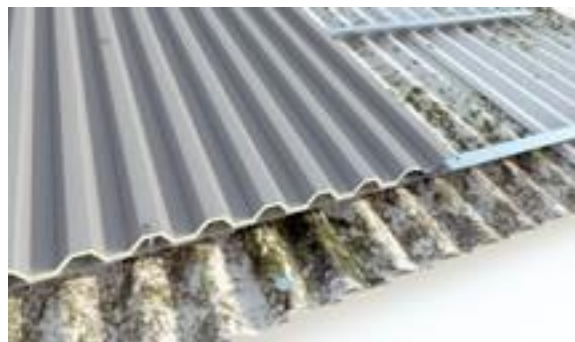
MAXIMUM DISTANCE BETWEEN SUPPORTS 1500 MM

MINIMUM INCLINATION WITH OVERLAP 8%

MINIMUM INCLINATION WITHOUT OVERLAP 5%



Face of application



Application on fiber cement roofs