



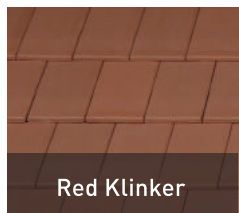
PLANUM PHOTOVOLTAIC SOLAR SYSTEM

*Elegance and energetic efficiency
on your roof*

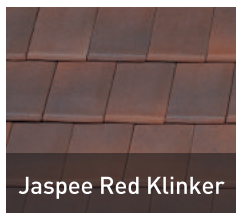
La Escandella
ROOFING THE WORLD



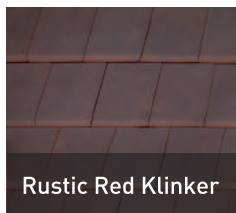
PLANUM CERAMIC COLORS FOR EVERY STYLE



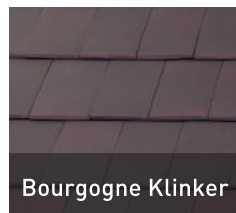
Red Klinker



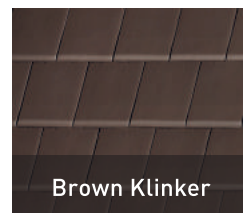
Jaspee Red Klinker



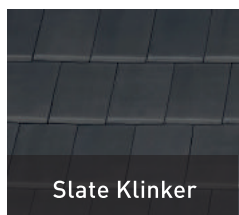
Rustic Red Klinker



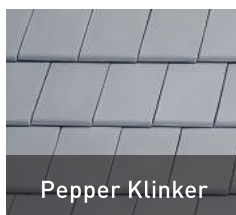
Bourgogne Klinker



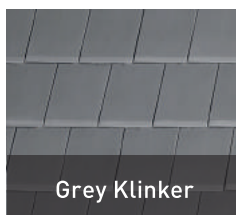
Brown Klinker



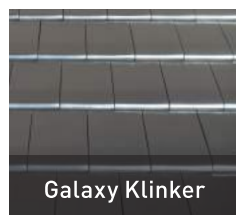
Slate Klinker



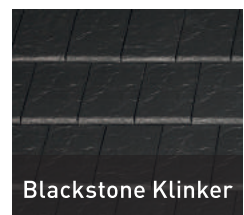
Pepper Klinker



Grey Klinker



Galaxy Klinker



Blackstone Klinker

PLANUM PHOTOVOLTAIC SOLAR TILE

Increase the value of your home

Installing the Planum Photovoltaic Solar System, the value of your property automatically increases because it is an innovative system.

Easy laying

Mechanical interlocking allows a simple and quick, laying with battens like any other clay roof tile. La Escandella laying system results in significant savings compared to others solutions.

Integrated aesthetic and technology

Our Solar tile combines perfectly with our Planum ceramic tile, so the system will be fully integrated with the roof.

Resistance

Planum Solar tiles are made from premium mono crystalline cells and the glass technology that surrounds them is very sturdy and durable in extreme weather conditions.



Energy efficiency

A pitched roof improves the thermal efficiency and Planum Photovoltaic Solar System makes your home self-sufficient by generating your own sustainable energy and reducing your energy bills.

Low-maintenance

The combined solar roof tiles and a battery solution offers an easy-to-use monitoring system so you can track your solar roof system's performance, monitor the amount of energy it stores and how much you're saving on your energy bill

TECHNICAL CHARACTERISTICS

Nº of monocrystalline cells	10 (2 x 5)
Cell Size (mm)	156 x 156
Planum photovoltaic solar tile size (mm)	823 x 340 x 61
Planum photovoltaic solar tile weight (Kg)	11,2
Equal to Planum tiles	3,5
Nº of tiles/m ²	3,2
Laying	Broken bond

Rated Maximum Power (Pmax/W)	47
Power/m ² (W)	148
Maximum efficiency (%)	17
Maximum Power Voltage (Vmp/V)	5,18
Open-circuit Voltage (Voc/V)	6,67
Maximum Power Current (Imp/A)	9,19
Short-circuit Current (Isc/A)	9,68
Nº of solar tiles/kw	21

STC: Irradiance 1000W/M2 Module Temperature: 25°C AM=1.5

LAYING TIPS

The Planum Photovoltaic Solar System has to be installed on a ventilated roof with double battens and waterproof sheet. La Escandella offers all the accessories for a perfect ventilated roof with our 360° Solutions by La Escandella.

Check La Escandella roof tile installation manual for all the information regarding the installation of ceramic tiles. This installation manual and the Planum Photovoltaic Solar System installation manual must be read together.



* La Escandella provides a free integral service of the necessary calculations for your project. Contact us and we will manage the full budget for your roof.

La Escandella

ROOFING THE WORLD



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