

More Sustainable Roofs

Instituto Superior Técnico
de Lisboa



50 Years
warranty



ADVANCE[®] LUSA[®] ADVANCE[®] MARSEILLE[®] ADVANCE[®] DINAMIC[®]

Ⓜ FLAT-10

UM LUSA[®] UM DINAMIC[®]

UM CANUDO[®] UM ROMANA[®]



NEW



NEW



NEW



LIGHTNESS, RESISTANCE and **SOLAR REFLECTANCE** are synonyms of **SUSTAINABILITY**.

The excellent mechanical and frost resistance allow **ADVANCE PREMIUM** tiles to have a durability of over **50 years**. Different and revolutionary, these tiles have earned the trust of even the most demanding consumers.

Manufactured with the finest raw materials, including high-quality clay and plaster molds, the ADVANCE PREMIUM tile is a reference product that ensures excellent **resistance, durability** and **performance**.

With the **lowest water absorption of any ceramic tile on the market**, it offers superior durability of over **50 years**, longer cleaning intervals—reducing maintenance and water costs—and the potential for reuse, supporting the principles of a circular economy.



Widest range of shades and finishes on the market, featuring natural, Mediterranean, matte and glazed colors.

ADVANCE^{premium} LUSA®



ADVANCE^{premium} MARSEILLE®



ADVANCE^{premium} DINAMIC®



The Solar Reflectance Index (SRI) plays a crucial role in selecting roof tiles, as those with a high SRI help reduce overheating and save energy.

Reflective roofs, known as “**COOL ROOFS**” are surfaces that strongly reflect solar radiation. They can reflect visible, infrared, and ultraviolet wavelengths from the sun, reducing heat transfer to both the surface and the interior of the building.

The **Glaciar Glazed**, **Sand Glazed** and **Natural White** finishes from **UMBELINO MONTEIRO** stand out not only for their elegance but also for their reflective properties, which help keep the roof cooler during peak summer heat.



Lighter weight and lower carbon dioxide emissions

38.1% of carbon dioxide (CO₂) emissions from transportation in the EU come from heavy and light trucks.

With **ADVANCE PREMIUM** tiles, we can transport **over 30% more tiles per shipment** compared to direct competitors, ensuring lower CO₂ emissions into the atmosphere.



Flat Tiles

 **FLAT-10**

**THE PERFECTION
OF THE FLAT TILE**



LONGITUDINAL
OVERLAP

35 mm

 **FLAT-5XL**

**THE LARGEST
CERAMIC TILE**



LONGITUDINAL
OVERLAP

45 mm

Digital Inkjet Printing

Fusion of natural materials
with the technical properties
of ceramic tiles.

Color Durability

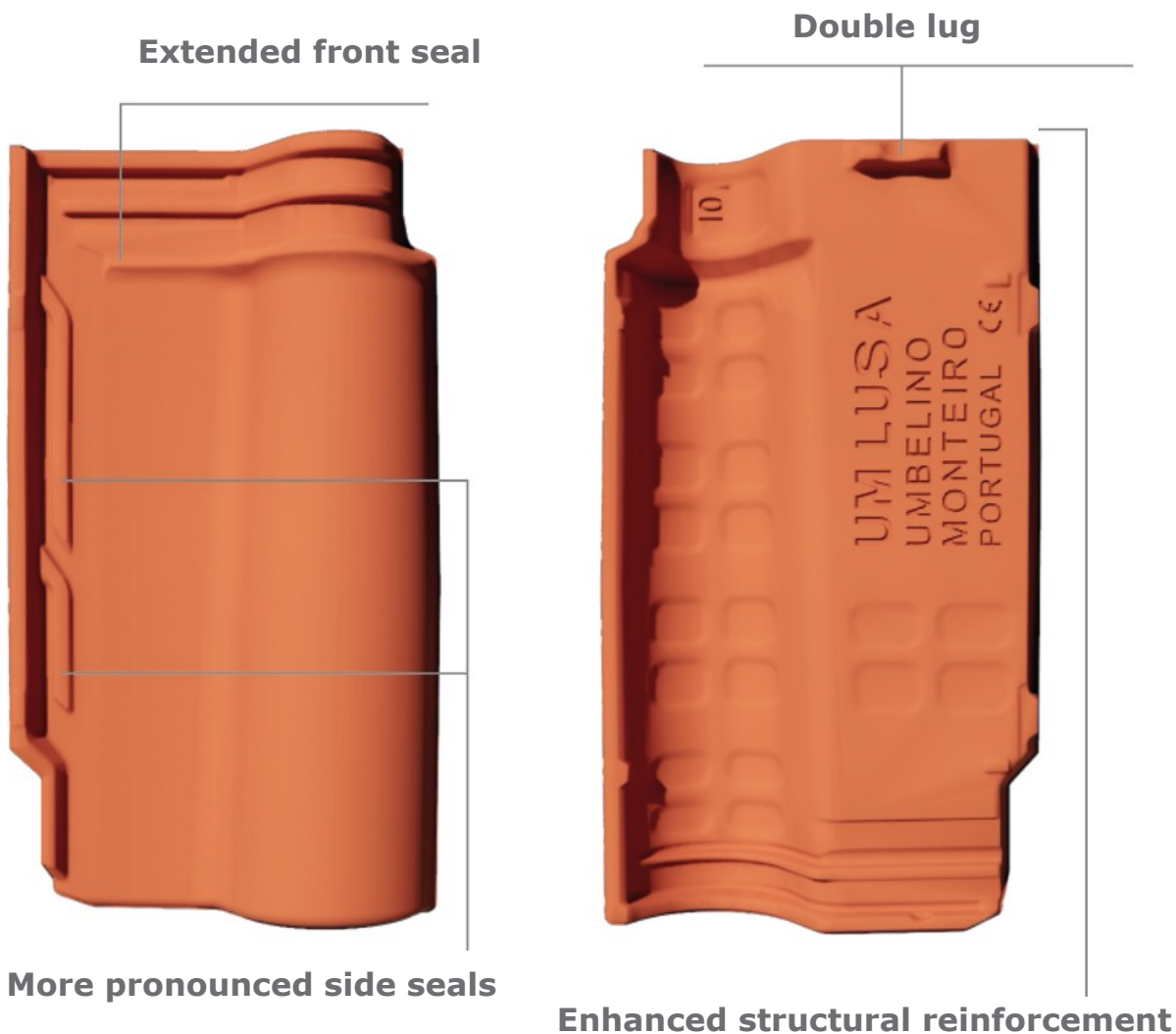
Unique Finishes

INKJET TECHNOLOGY

UM LUSA TILE EVOLVED

UM LUSA®





UM LUSA®

WITH YOU IN BUILDING YOUR DREAM PROJECT

The new **UM LUSA** transforms the ordinary into something truly attractive. **UM LUSA** is different; it is no longer just functional—it is now an expression of style and personality, designed to captivate at first sight, with an excellent quality-price ratio.

ALSO UM RANGE: UM DINAMIC

The UM DINAMIC tile is a modern, practical and bold solution with a unique design and contemporary lines that gives the roof fluidity and harmony.

Cost-effectiveness with above average results.

Great flexibility between battens (from 33cm to 40cm).



HISTORICAL INSPIRATION

Inspired by the traditional Arabic tile, this genuine tile stays true to its origins.

- A perfect aesthetic fit for a rustic finish.
- Designed for excellent water drainage and proper roof ventilation.
- Easily and effectively adapts to any roof geometry.
- Wider variety of finishes and shades, combining different tones of undertile and covertile.

 **ROMANA** undertile



Environmental Product Declaration (EPD)

The **Environmental Product Declaration (EPD)** provides information on a material's carbon footprint, as well as a range of other impacts, such as ozone layer depletion potential, acidification potential, eutrophication potential, tropospheric ozone formation potential, and the depletion of abiotic resources. This document formalizes a manufacturer's commitment to making its products increasingly sustainable.



Environmental
Product
Declaration



Check here

Umbelino Monteiro already provides **EPDs** for its products. It has become essential to document what we have long communicated: the need to reduce the consumption of natural resources such as water, clay, and gas, as well as other materials like the plastic used in pallet wraps, now incorporating recycled content.



TECHNICAL SUPPORT

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Thank you for your attention!

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