

ROOFING TODAY WITH TOMORROW'S MATERIALS!

Sustainable **high-tech**
ceramic products



ABOUT US

Northern Greece Ceramics, (KEBE), with **90 years** of experience and expertise in the ceramics industry, manufactures and supplies -both in the domestic and international markets - a wide range of traditional and modern ceramic building products of high energy value.

KEBE operates the largest production **facility** in Europe, and one of the largest worldwide. The facilities cover a **privately owned area of 235,000 m²**, with 44,000 m² of industrial buildings and 12,000 m² of raw material storage shelters, located in Nea Santa, Kilkis. The company has an annual production capacity of **700,000 tons of clay blocks and 75,000,000 pieces of roof tiles and accessories**.

These state-of-the-art facilities are equipped with advanced mechanical systems and robotic technology, which contribute to a low environmental footprint during production. For many years, the company has consistently used energy from **Renewable Energy Sources (RES)** in its production processes.

These investments have enabled the efficient use of minimal resources to create

high-value, long-lifespan products, characterized by minimal environmental impact across all stages of the production process.

With a strong focus on **Research & Development (R&D)**, KEBEs primary mission is to actively contribute to the sustainable development of the construction sector, by supplying the market with high-quality, aesthetically refined products designed for bio-climatic architecture.

With a steadfast commitment to the values of Quality - Innovation - Sustainability, **KEBE** continues to play a leading role in the construction market in Greece and internationally, with a presence **in more than 40 countries worldwide**.

Laying the foundations of responsible entrepreneurship, **KEBE was the first company in the ceramics industry to publish a Sustainability Report (KEBE ESG Report)**, reinforcing its commitment to a world where construction goes hand in hand with care for people, nature, and corporate governance, staying true to its vision of building a structurally better world.

CERTIFICATIONS

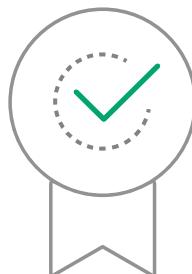


ENVIRONMENTAL PRODUCT DECLARATION (EPD & EPD CLIMATE)

The **first Greek ceramics manufacturer** -and one of the first in Europe- to be certified with an Environmental Product Declaration (EPD & EPD Climate) for projects requiring LEED, BREEAM, WELL, and other green building standards.

CE CONFORMITY CERTIFICATION

Compliance with the applicable requirements of European legislation and compliance of construction products with the declared performance (DoP)



A “green” investment

that leverages the experience of three generations from the largest ceramics group in Greek history, dedicated to the production of clay-based building products a truly eco-friendly material.



ENERGY SAVING



Innovation, Quality, Ecology...

are core values that define

NORTHERN GREECE CERAMICS (KEBE).

The production process is fully automated, utilizing advanced robotic technology. Combined with one of the most precise control systems, this ensures the high quality of products while minimizing energy consumption and greenhouse gas emissions.

The **environment** plays a vital role for KEBE. With deep respect for nature -the source of its raw materials- KEBE actively participates in research programs and seeks alternative energy sources, demonstrating a clear commitment to environmentally conscious construction and living.

The goal is to introduce to the market new clay-based products -a purely ecological material- of high quality, bioclimatic design, and clean construction technologies.

KEBE's vision is to revive traditional bioclimatic architecture using the most modern clay building products.

Bioclimatic Architecture refers to the design and construction of buildings with locally and widely available materials that harness natural ventilation, solar energy, and other renewable sources.



➤ ADVANTAGES OF KEBE CERAMIC ROOF TILES



SUPERIOR THERMAL INSULATION & HIGHER LEVEL OF THERMAL COMFORT



EXCELENT WATERPROOFING



PROTECTION FROM WEATHER CONDITIONS



HIGH FIRE RESISTANCE



URBAN HEAT ISLAND MITIGATION



ENVIRONMENTAL PRODUCT DECLARATION (EPD) FOR PROJECTS REQUIRING LEED, BREEAM, WELL

Contribution to bioclimatic design & passive building construction



ENVIRONMENTALLY FRIENDLY



SIGNIFICANT IMPROVEMENT OF MICROCLIMATE



VALUABLE ENVIRONMENTAL BENEFITS, REDUCED CO₂ EMISSIONS



VERY LONG LIFESPAN & DURABILITY OVER TIME



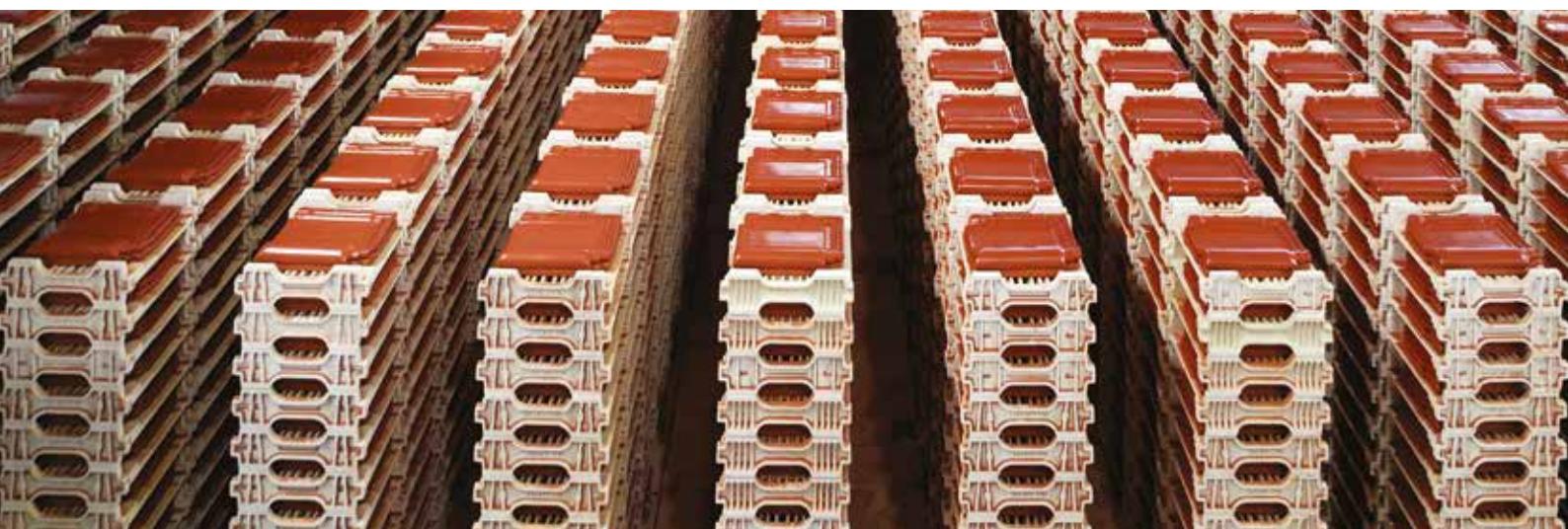
LOW MAINTENANCE COST



QUICK & EASY REPAIR



HIGH AESTHETIC VALUE
(variety of styles & colors), standing out from conventional roofing solutions



PRODUCTS

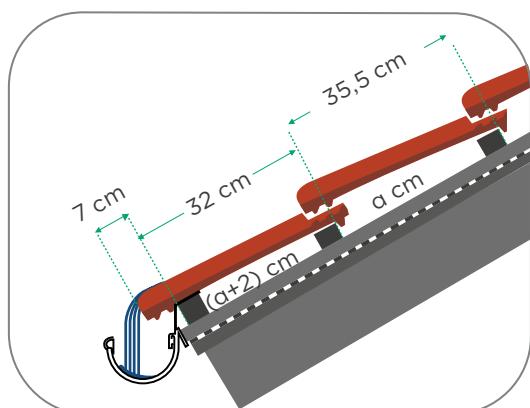




AVAILABLE IN:

-  NATURAL COLOR
-  BASIC KEBE COLORS*
-  COLORS ON DEMAND VALUE*

The “gentle” curve of the **Dutch-type tile**, at the finishing, offers an aesthetically flawless result. It is also available in glazed and in a range of colors.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

*More information on available colors on pages 16-19



New Roman

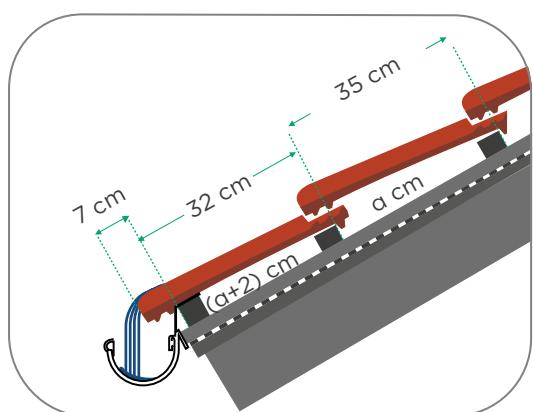
ROOF TILE

A timeless solution for
traditional constructions



The New Roman-style tile,

It is ideal for traditional constructions. It is also available glazed and in a range of colors.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

AVAILABLE IN:



NATURAL COLOR



BASIC KEBE COLORS*



COLORS ON DEMAND
VALUE*

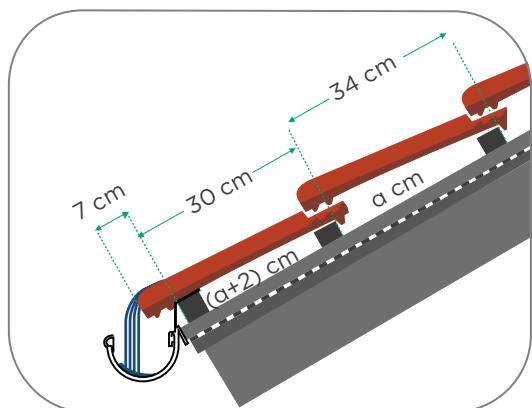
*More information on available colors on pages 16-19



Classic Beauty
Modern Simplicity



With roots in France, it is another option for traditional constructions.



Recommended minimum pitch with the use of vapour permeable membrane:

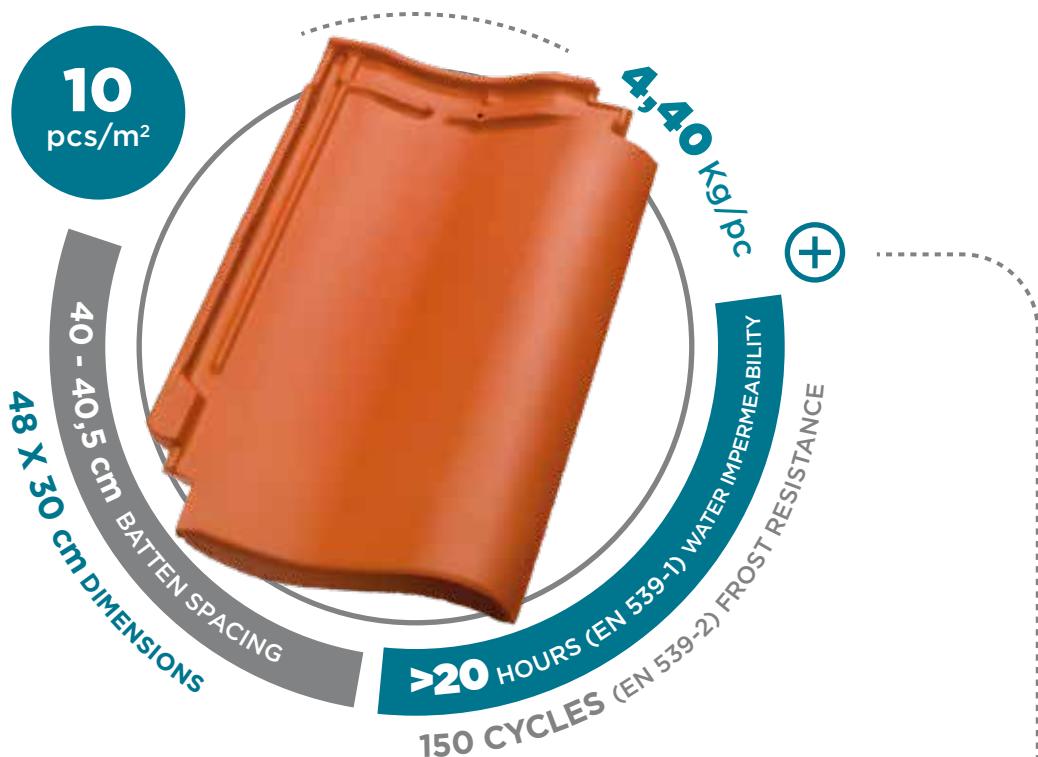
30% (17°)



Mediterranean

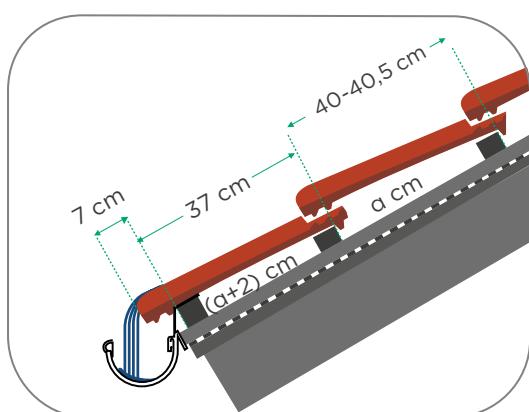
ROOF TILE

With curves for a sense of harmonious **wave-like flow**



Its **perfectly harmonic curve** gives an impression of gently rolling waves, creating new architectural possibilities.

Quick installation (only 10 pcs/m²), **adjustability to the distance between battens**, **cost-effectiveness per m²**, are its major advantages.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

10

AVAILABLE IN:



NATURAL COLOR



BASIC KEBE COLORS*



COLORS ON DEMAND
VALUE*

*More information on available colors on pages 16-19



Macedonian

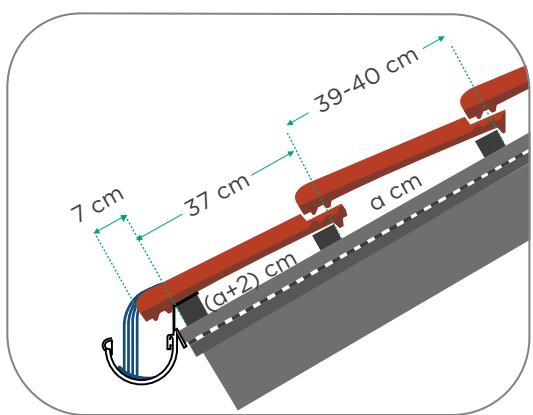
ROOF TILE

Byzantine Beauty,
Modern Convenience



Designed to aesthetically resemble the traditional Byzantine roof tile, it has all the safety and convenient installation advantages of modern large roof tiles.

Quick installation (only 10 pcs/m²), **adjustability to the distance between attens**, **cost-effectiveness per m²** are its major advantages.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

AVAILABLE IN:

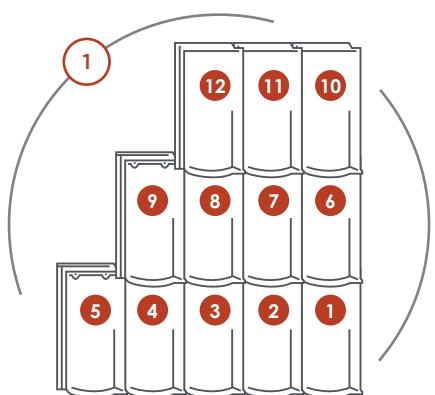
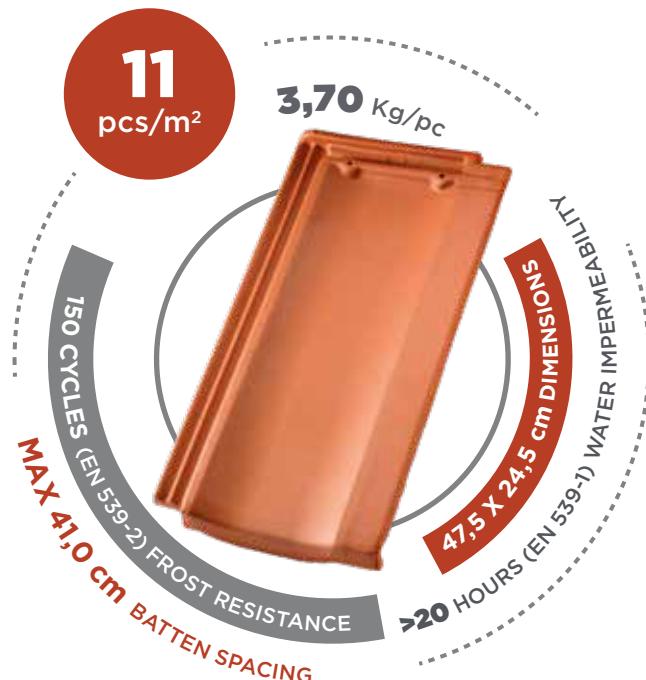
-  NATURAL COLOR
-  BASIC KEBE COLORS*
-  COLORS ON DEMAND VALUE*

*More information on available colors on pages 16-19

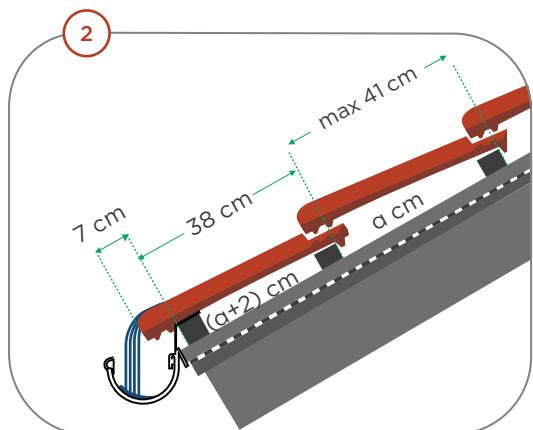
Ideal choice for
flat roof form

The architectural choice for modern constructions that require an almost **flat roof surface**.

Their **overlapping surface** may be increased or decreased depending on the technical requirements of the roof (we can interlock the roof tiles so no roof tiles need to be cut at the finishing).



- For easier installation follow the numerical sequence in **(Image 1)**.
- The first batten should be **2cm** higher than all the other battens, to achieve a symmetric installation **(Image 2)**.
- The distance between the edge of the first tile and the first batten should be **7cm (Image 2)**.
- The distance between battens should be max **41cm (Image 2)**.
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behaviour and preservation of the roof structure.
- A vapour permeable, waterproof membrane should be applied under the roof tiles, ensuring maximum water resistance.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

AVAILABLE IN:

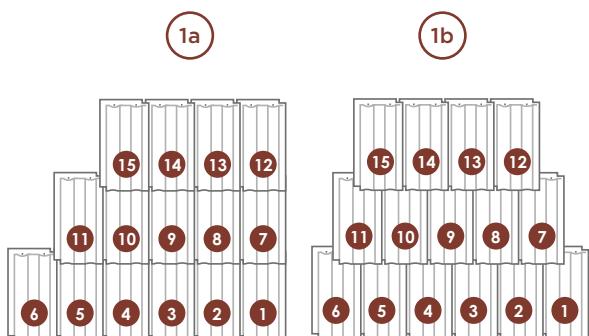


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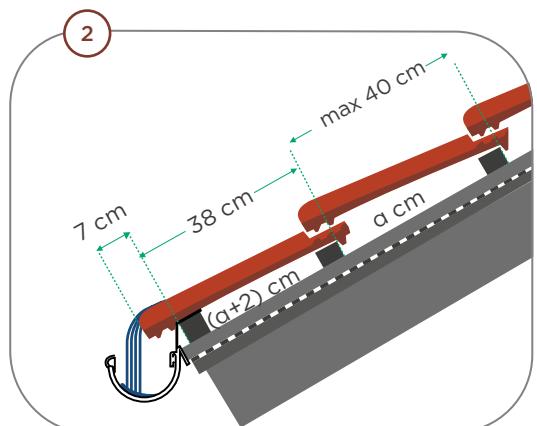
French Elegance,
Modern Line

Modern lines, combining the traditional component of the classic French tile with a **flatter and more contemporary surface**.

Their **overlapping surface** may be increased or decreased depending on the technical requirements of the roof (we can interlock the tiles so no tiles need to be cut at the finishing).



- For proper installation follow the numerical sequence shown on Image **1a** or **1b**.
- The first batten should be **2cm** higher than all the other battens, to achieve a symmetric installation (**Image 2**).
- The distance between the edge of the first tile and the first batten should be **7cm (Image 2)**.
- The distance between battens should be max **40cm (Image 2)**.
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behaviour and preservation of the roof structure.
- A vapour permeable, waterproof membrane should be applied under the roof tiles, ensuring maximum water resistance.



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

AVAILABLE IN:



*More information on available colors on pages 16-19

SPECIAL ROOF ACCESSORIES

for all roof tile types

High quality clay roof tiles on a ventilated wooden frame offer the **highest energy savings** - especially during the summer months - and the **longest service life**, while requiring minimum maintenance.



VENTILATION

- Efficient roof ventilation and avoidance of vapour saturation and interior erosion of roof



LEFT LATERAL VERGE



LEFT OVER EAVE

High aesthetics and prevention of damage to the roof by strong lateral winds



BIRD STOPPER



RIDGE END TILE

Ridge and lateral verge connection



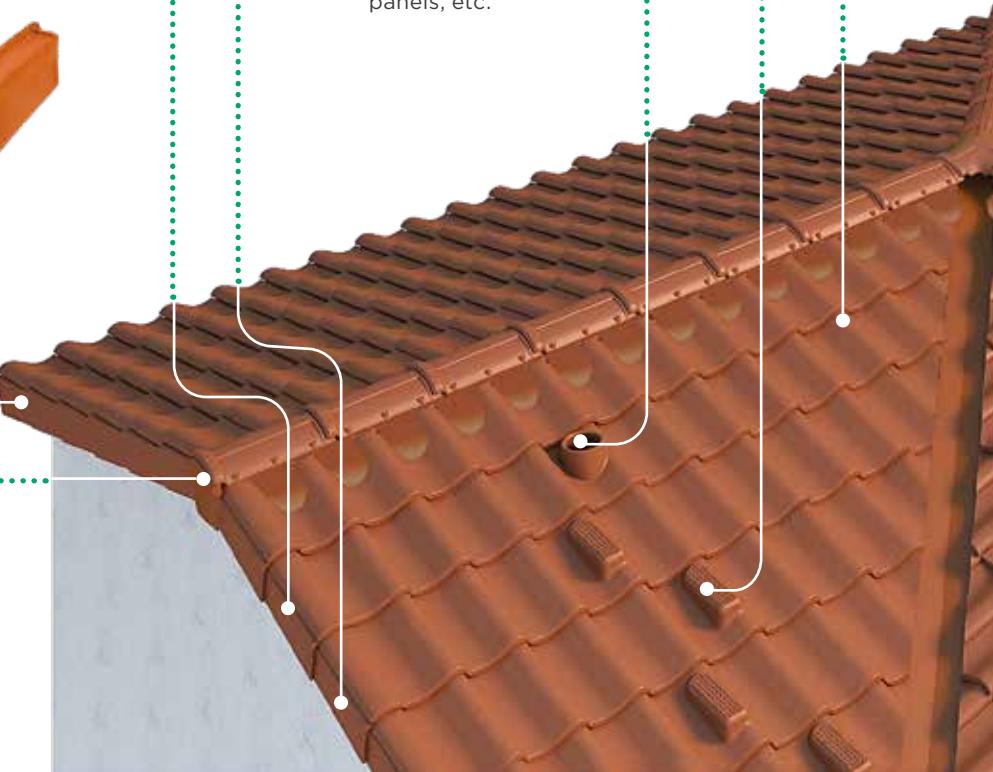
STAIR CARPET

- Easy access for installation of equipment, e.g. antenna, solar panels, etc.



ROUND BASE

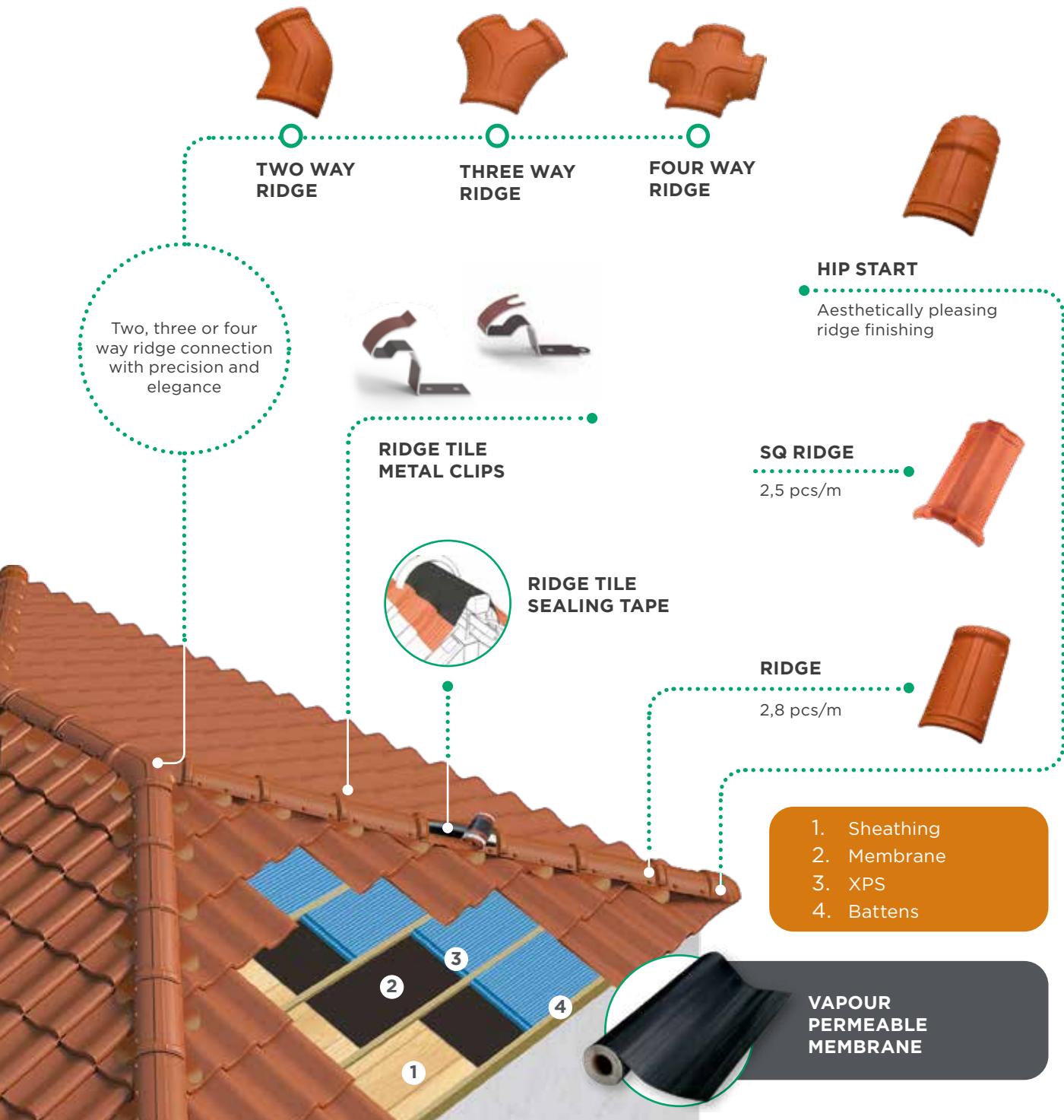
- Easy installation of household equipment, antennas, solar panels, etc.

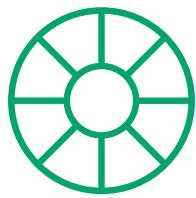


Ventilated roofs using **KEBE** thermal mass roof tiles and the full range of roof accessories:

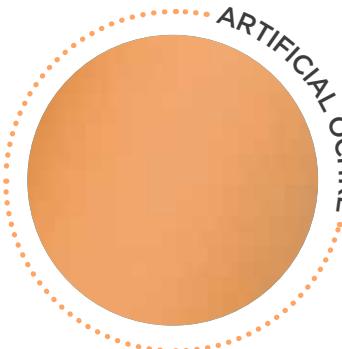
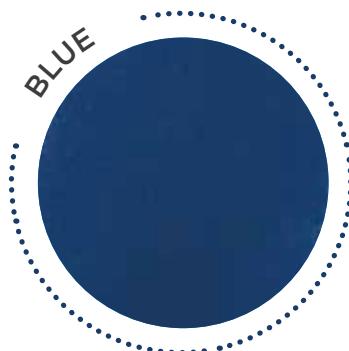
- are excellent passive heat exchange systems

- make optimum use of solar energy and natural ventilation
- achieve perfect thermal comfort indoors, with minimum energy consumption and zero maintenance, for an unlimited number of years





BASIC KEBE COLORS



*The colors in this publication may vary due to printing.
You can find them in physical samples in our partner stores.

GLAZED



BROWN



ARTIFICIAL OCHRE



BLACK



NATURAL



GREY



RED



GREEN



BLUE





COLORS ON DEMAND — VALUE —

KEBE offers a rich range of colors for all roof tile types (Dutch, Roman, Mediterranean, Macedonian, Novel & Ideal Marseille) and the respective roof accessories.

However, KEBE's new product R&D department, holding a key role in the company's strategic growth, does not stop here!

Colors on Demand Value
is a personalised service
offered to **KEBE's** customers.

Work with R&D and the sales department and ask us to tailor our products to your wishes, with no limitation to style and color, to satisfy even the most demanding aesthetic approach.

Imagining something more?
Just ask for it!

● ANTIQUE RANGE

Roof tiles giving the impression of the natural wear and tear of time, in complete harmony with the natural environment.



ANTIQUE CLASSIC



GOTHIC



FANTAISIE



REVIVAL

● INDICATIVE RANGES (Upon special request)



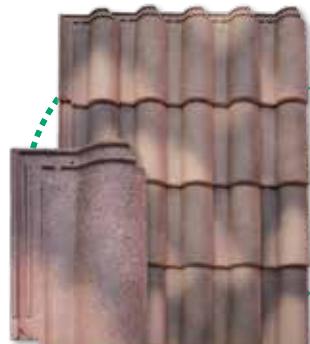
ANTIQUE BRONZE



ANTIQUE BROWN



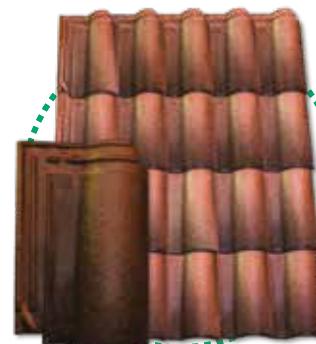
AEGEAN



MEDIEVAL



ANTIQUE BLACK - OCHRE



ANTIQUE NATURAL AGEING



ANTIQUE OCHRE

*The shades in this publication may vary due to printing. You can find them in physical samples in our partner stores

KEBE AROUND THE WORLD!

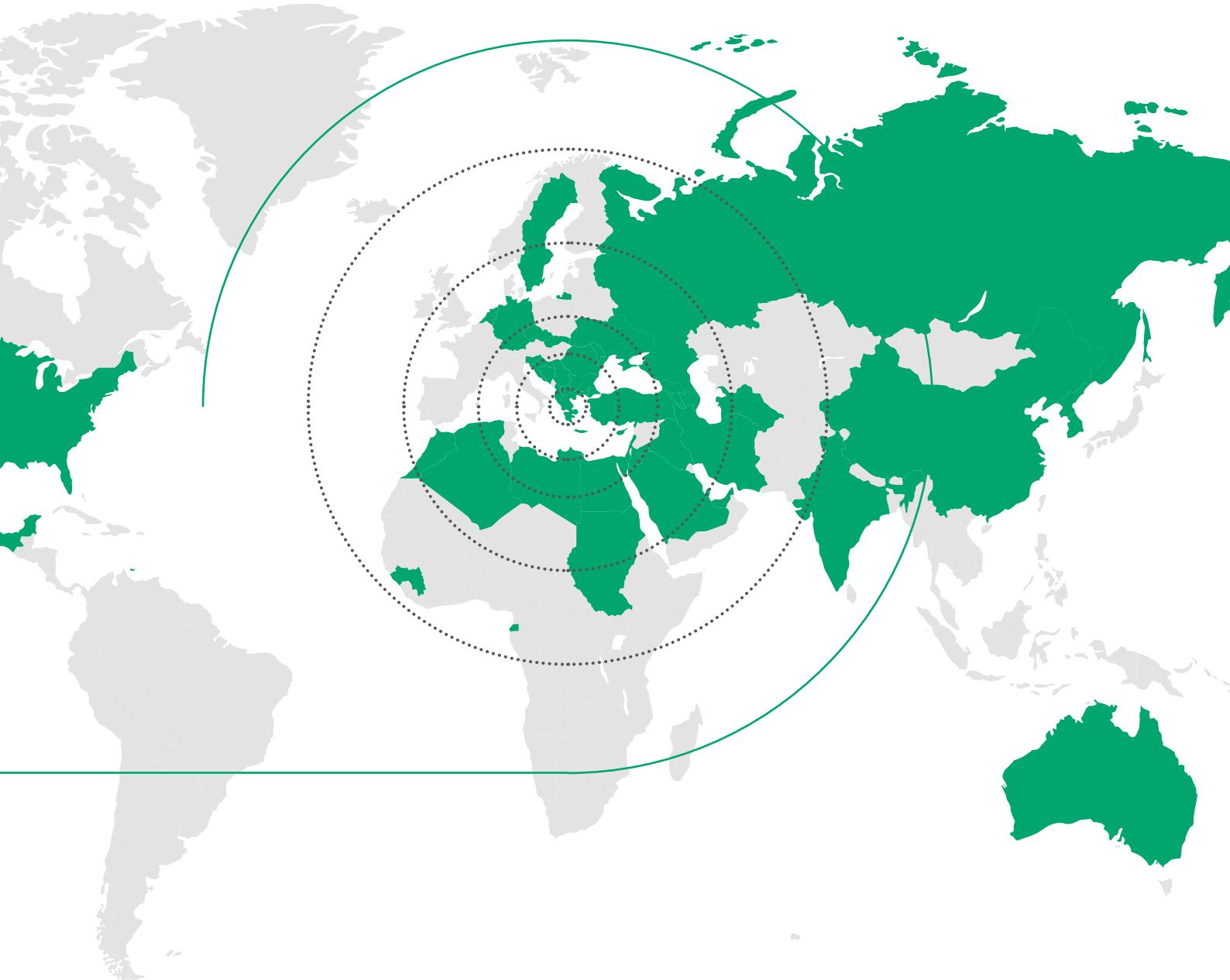
With a fully organised exports division, **KEBE** is constantly expanding in the **international market** with a significant presence in more than 40 countries.

The company's export activities, in combination with its top-quality products, have led to the international recognition of KEBE and the establishment of a strong brand name.

Its products are currently exported to the following countries:



ALBANIA	IRAN	S. KOREA
ALGERIA	IRAQ	SAUDI ARABIA
ARMENIA	ISRAEL	SERBIA
AUSTRALIA	JORDAN	SLOVAKIA
AZERBAIJAN	KOSOVO	SLOVENIA
BOSNIA	LEBANON	SUDAN
BULGARIA	LIBYA	SWEDEN
CHINA	MOLDOVA	SYRIA
CROATIA	MOROCCO	THE NETHERLANDS
CURACAO	N. MACEDONIA	TURKEY
CYPRUS	N. ZEALAND	TURKMENISTAN
CZECH REPUBLIC	QATAR	U.A.E
EGYPT	REPUBLIC OF EQUATORIAL GUINEA	U.S.A.
GEORGIA	ROMANIA	UK
GERMANY	RUSSIA	UKRAINE
INDIA		



The scientifically and technically qualified personnel of **KEBE** offer full support to customers, providing all the information required on the products, as well as technical advice for their use.

KEBE is in close cooperation with its customers, offering both in-person and over-the-phone support and it also participates in business delegations and international trade fairs. Throughout the year, an open invitation is extended to all our foreign customers to visit our premises and attend a presentation of our entire range of innovative products and to exchange views and ideas.





 BANIYAS SCHOOL, UAE
MACEDONIAN NATURAL



 MONO TERAS EVLERİ (ÇEŞME), TURKEY
ROMAN GREY



 RESIDENTIAL COMPLEX, UAE
NEW ROMAN ANTIQUE



 RESIDENTIAL COMPLEX, CORFU
ROMAN FANTAISIE



 RESIDENTIAL COMPLEX, GREECE
NOVEL BROWN





● KERALA SHOPPPING CENTER, INDIA
MACEDONIAN BROWN



● RESIDENTIAL COMPLEX, HALKIDIKI
IDEAL BLACK



● VILLA, UAE
DUTCH BLUE



● COUNTRY HOUSE, LEBANON
DUTCH GREEN



● PRIVATE VILLA, BOSPORUS, TURKEY
MEDITERRANEAN GREY





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