

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)**, KEBE's 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 bioclimatic 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

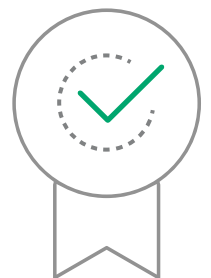


ENVIRONMENTAL PRODUCT DECLARATION (EPD & EPD CLIMATE)

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**



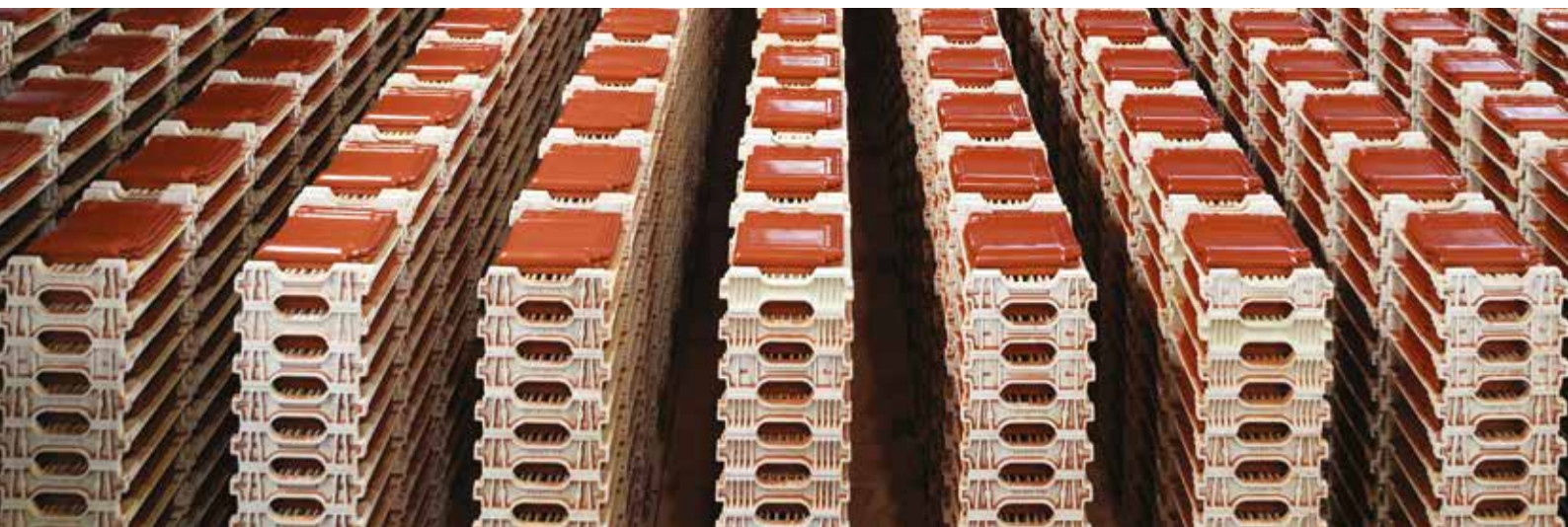
**LOW
MAINTENANCE
COST**



**QUICK & EASY
REPAIR**



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



PRODUCTS





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.

AVAILABLE IN:



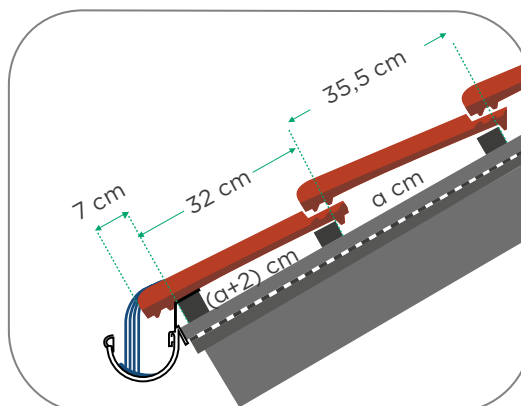
NATURAL COLOR



BASIC KEBE COLORS*



COLORS
ON DEMAND VALUE*



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

*More information on available colors on pages 16-19

New Roman

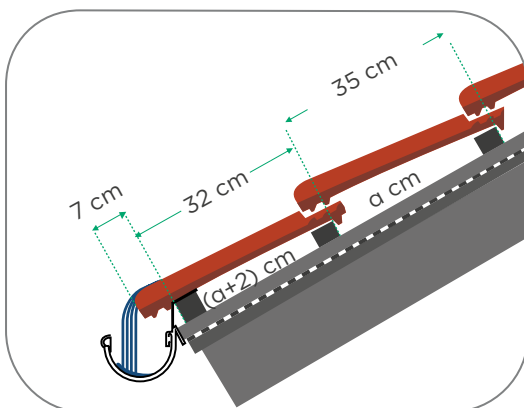
ROOF TILE

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*

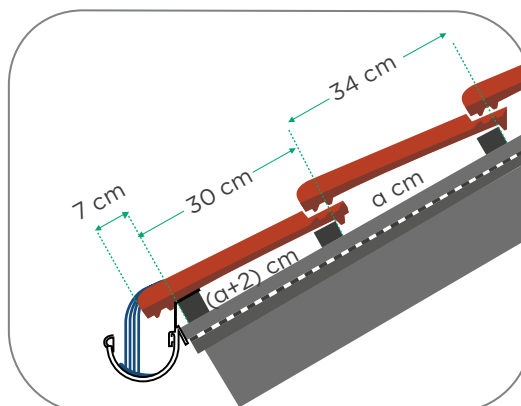
*More information on available colors on pages 16-19



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



AVAILABLE
ONLY IN
NATURAL
COLOR



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)

Mediterranean

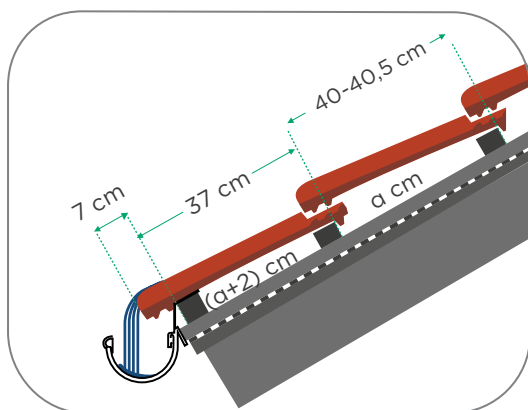
ROOF TILE

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°)

AVAILABLE IN:



NATURAL COLOR



BASIC KEBE COLORS*



COLORS ON DEMAND
VALUE*

*More information on available colors on pages 16-19

Macedonian

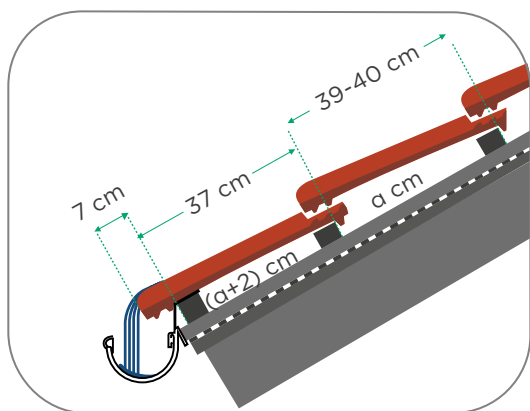
ROOF TILE

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

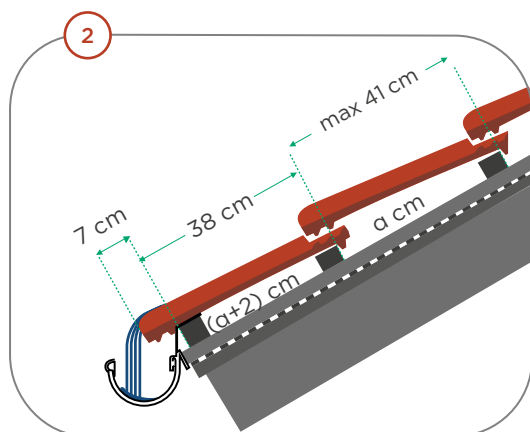
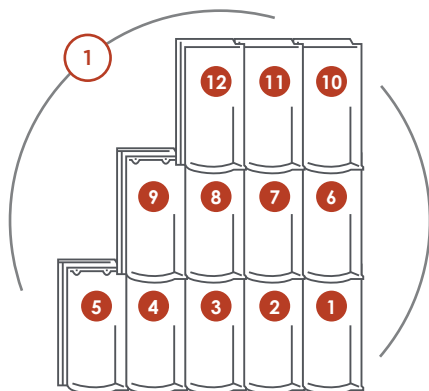
Novel

ROOF TILE

Ideal choice for
flat roof form

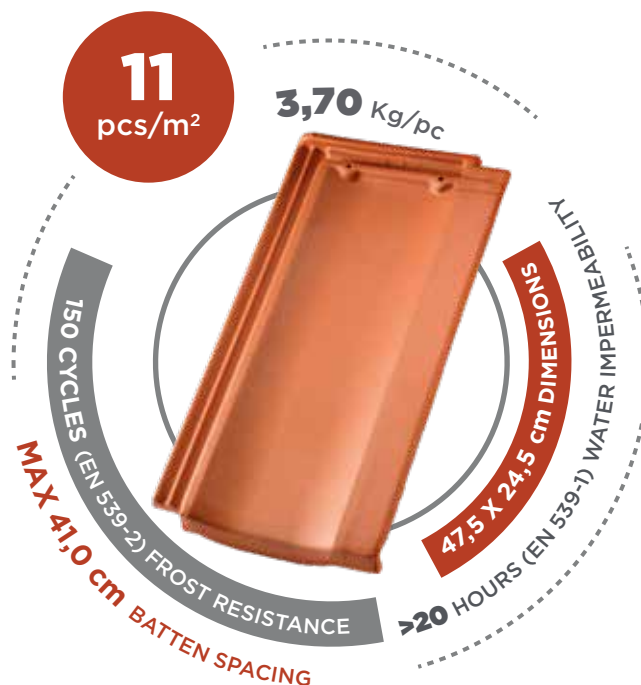
The architectural choice for modern constructions that require an almost **flat roof surface**.

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).



Recommended minimum pitch with the use of vapour permeable membrane:

30% (17°)



- > For easier installation follow the numerical sequence in **(Image1)**.
- > 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.

AVAILABLE IN:



NATURAL COLOR



BASIC KEBE COLORS*



COLORS ON DEMAND
VALUE*

*More information on available colors on pages 16-19

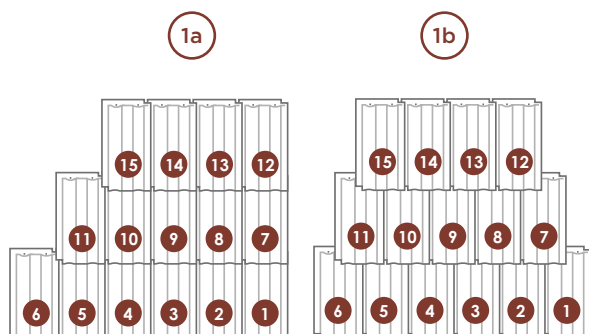
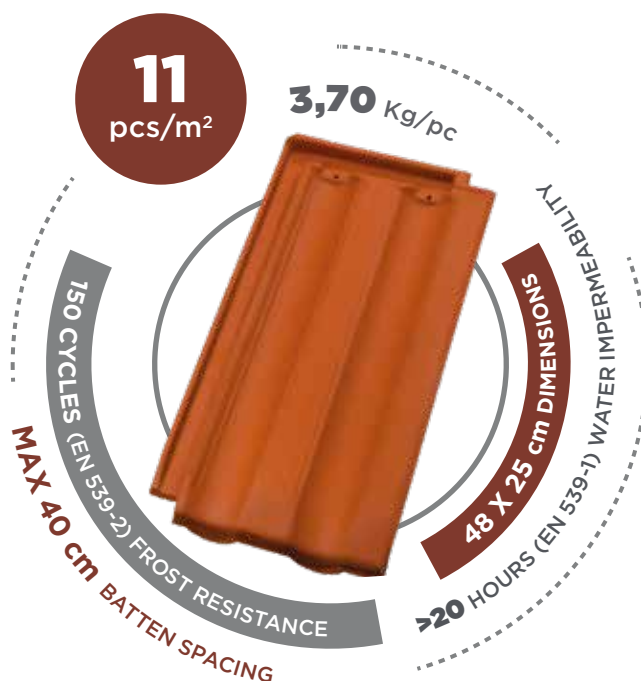
Ideal

ROOF TILE

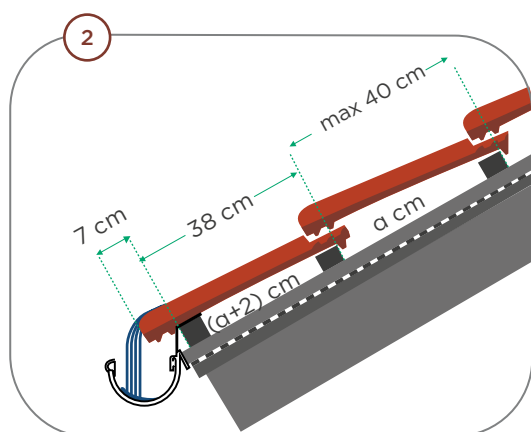
French Elegance, Modern Line

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:



NATURAL COLOR



BASIC KEBE COLORS*



COLORS ON DEMAND
VALUE*

*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

RIGHT LATERAL VERGE



STAIR CARPET

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



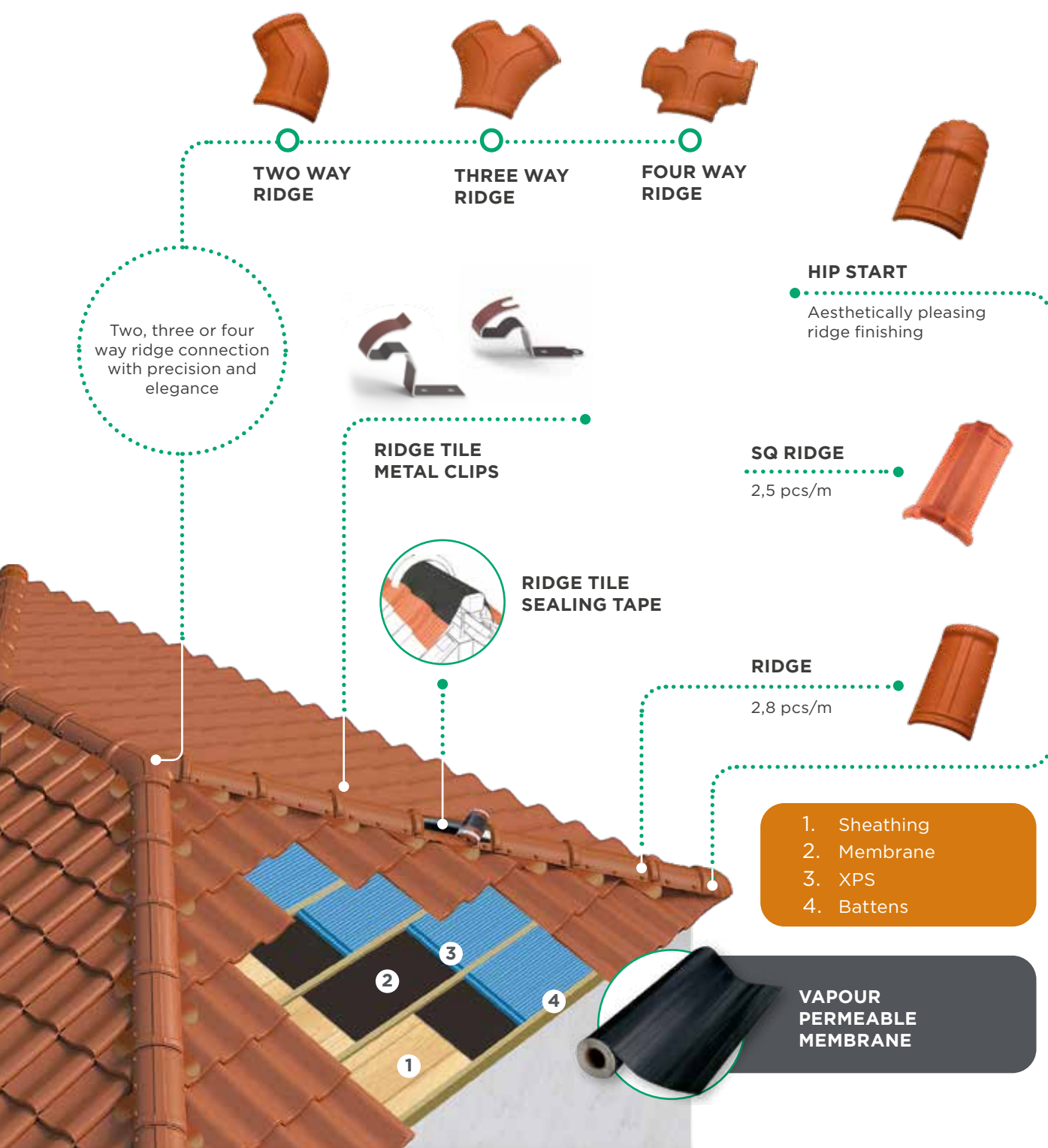
ROUND BASE

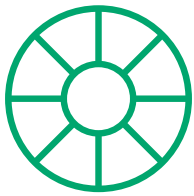
Easy installation of household equipment, antennas, solar panels, etc.

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

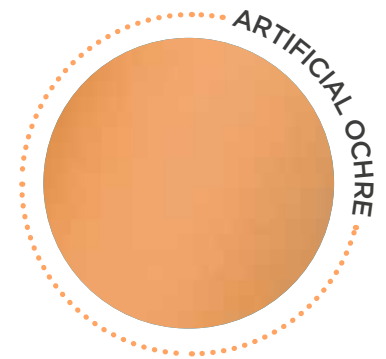
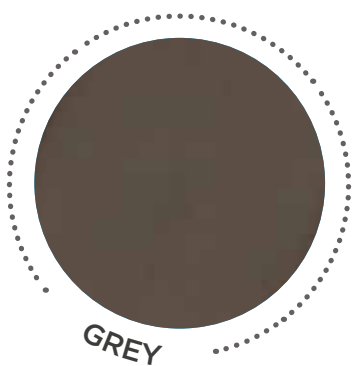
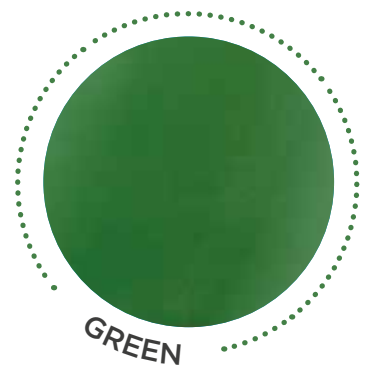
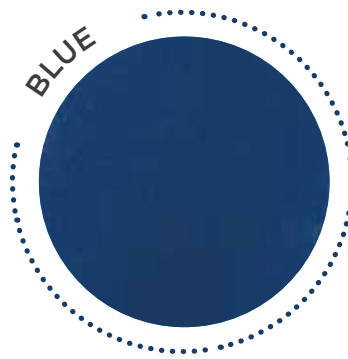
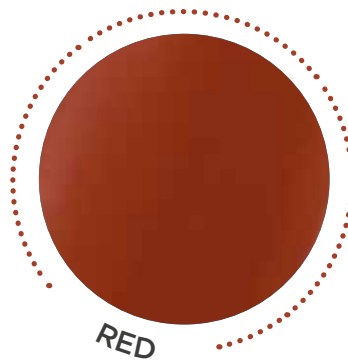
- > are excellent passive heat exchange systems

- > 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.



● **INDICATIVE RANGES** (Upon special request)



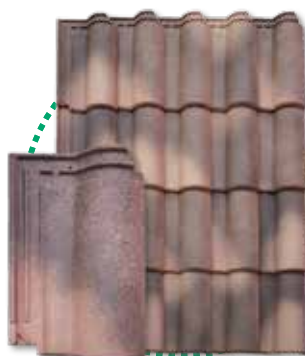
ANTIQUE BRONZE



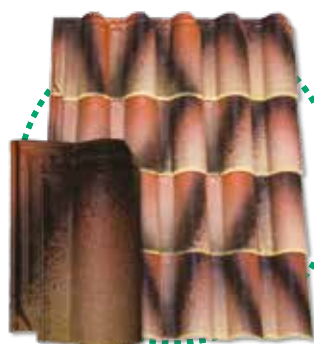
ANTIQUE BROWN



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!

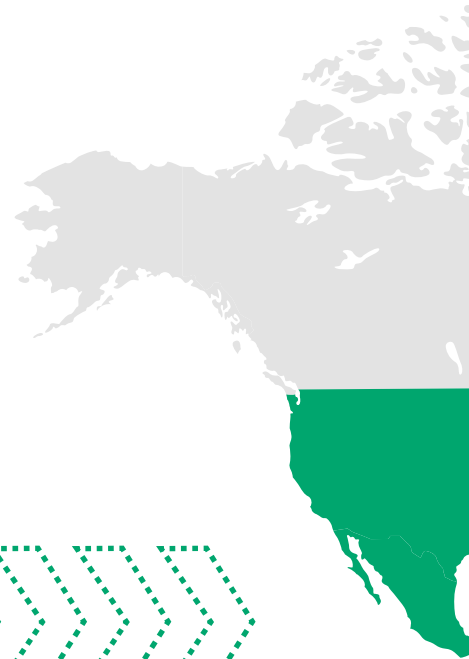
With a fully organised exports division, **KEBE** is constantly expanding in the **international market** with a significant presence in more than 40 countries.

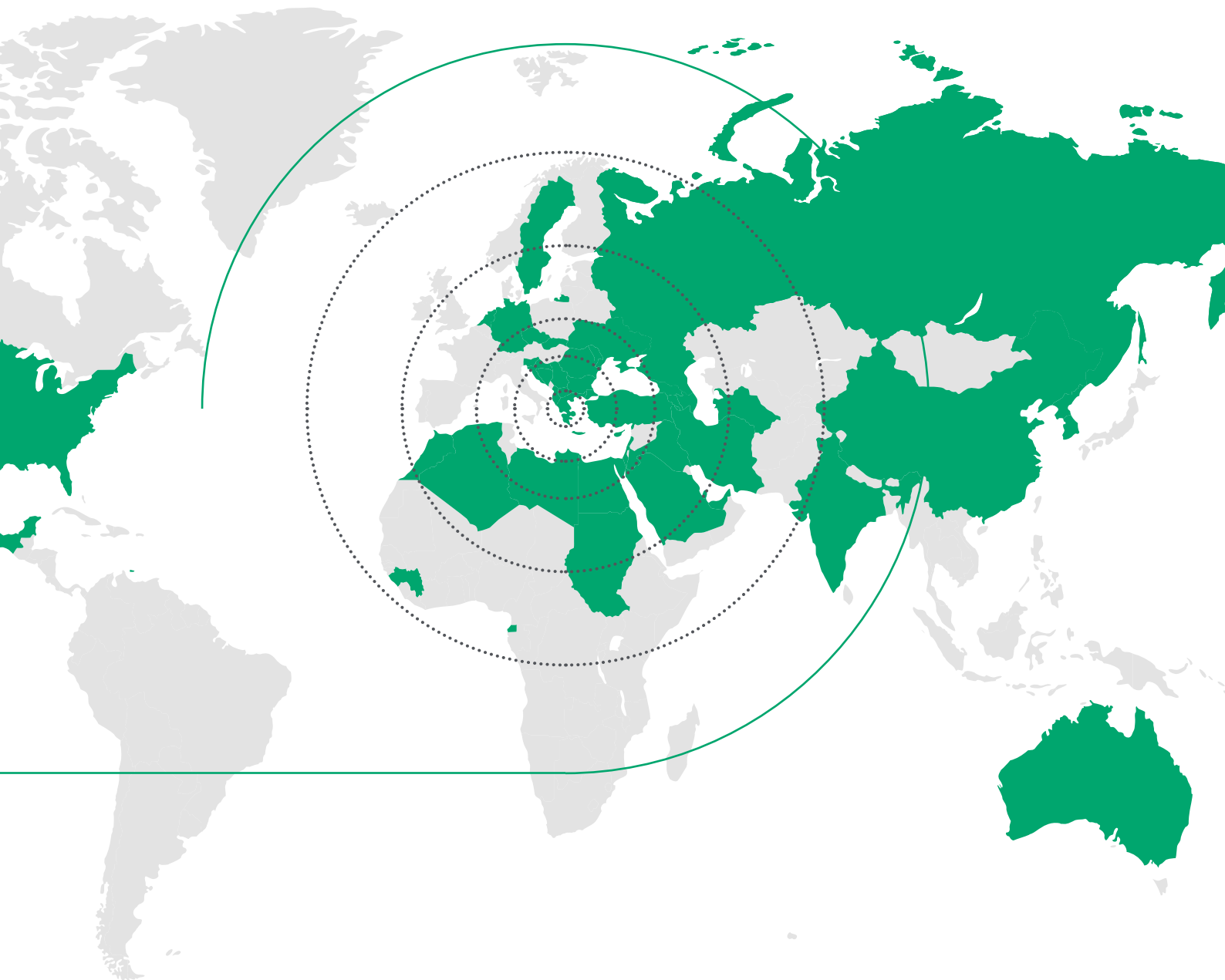
The company's export activities, in combination with its top-quality products, have led to the international recognition of KEBE and the establishment of a strong brand name.

Its products are currently exported to the following countries:



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





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



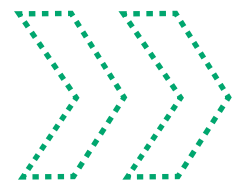
 RESIDENTIAL COMPLEX, UAE
NEW ROMAN ANTIQUE



 RESIDENTIAL COMPLEX, CORFU
ROMAN FANTAISIE



 RESIDENTIAL COMPLEX, GREECE
NOVEL BROWN

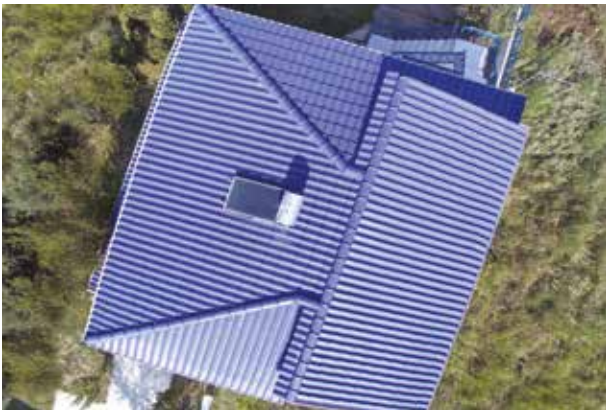




KERALA SHOPPPING CENTER, INDIA
MACEDONIAN BROWN



RESIDENTIAL COMPLEX, HALKIDIKI
IDEAL BLACK



VILLA, UAE
DUTCH BLUE



COUNTRY HOUSE, LEBANON
DUTCH GREEN



PRIVATE VILLA, BOSPORUS, TURKEY
MEDITERRANEAN GREY



HEAD OFFICES / FACTORY:

NEA SANTA, KILKIS, 611 00
T +30 23410 75570

THESSALONIKI OFFICE:

12TH KM THESSALONIKI - MOUDANIA, 570 01
T +30 2310 474100

LARISSA FACTORY

5TH KM LARISSA - SYKOURIO, 410 04
T +30 2410 575300

 **KEBE S.A.**

 **KEBE S.A. - Heavy Clay Building Materials**

 **kebe_gr**

 **KEBE S.A.**



CERTIFIED COMPANY

0925



Visit our
website



KEBE-SA.GR