

Pitched Roof Catalogue



BMI

International Sales Edition

bmigroup.com

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BMI Group

BMI Group was established following the coming together of **Braas Monier** and **Icopal Siplast**.

BMI Group is the largest manufacturer of flat and pitched roofing systems in Europe, with over 150 years of experience.



BMI Group is part of Standard Industries, the world's largest roofing and waterproofing manufacturer. A global business specialising in buildings materials for today's and tomorrow's needs.

Bringing together the roof expertise of several leading brands, BMI is a new name, backed up with years of local experience and knowledge – and all united in delivering excellence for our customers.

Our roofs cover all kinds of spaces – from where we live, work and learn, to where we rest, play or heal.

Sharing Standard Industries' commitment to anticipating future needs and unlocking possibilities, we take a truly unique perspective.

We don't see a roof for what it is, but for what it could become and how it can help inspire closer communities, build better businesses and enhance the lives of everyone.

Whether we are creating a hardwearing roof to resist the harshest extremes of weather, or one that actively works towards a more sustainable future, we are committed to providing peace of mind, progress and quality of life.

116	Manufacturing facilities
9.600	Employees
1.9	Millions Eur
40	Countries in the world

Figures as of December 2019



BMI

Covering every pitched roof need

BMI BRAAS

BMI COBERT

BMI MONIER

Our wide range of products allows us fulfilling all customers needs around the world.
We have developed a deep knowledge and an extensive expertise across a variety of markets since 1852.



The sky is the limit

We have activities in more than 80 countries with the most diverse climate conditions. Our logistics expertise allows us to provide best in class service to our customers around the world.



BMI Expert : from design to execution



Understand customer needs

- Work closely with specifiers
- Understand project requirements



Define the best solution

- Offer tailor-made solutions and logistic services
- Define technical specifications



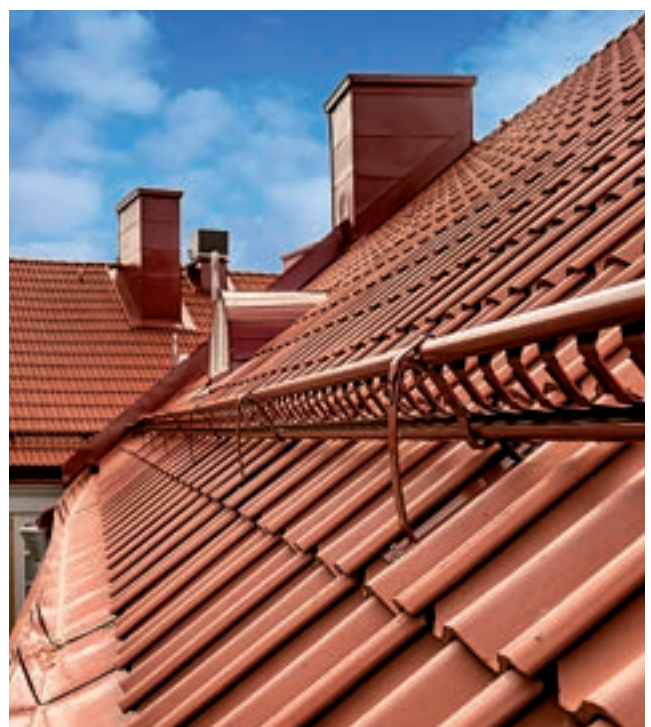
Train the installers

- Technical training
- Certification of installers
- Provide tailored training programs



Provide support

- On-site support
- Projects follow-up



On site technical support

A team of technical experts is committed to find the solutions you need, support the roofers and follow-up every single stage of the project.





BMI Academy

A network of training centres to provide the most up-to-date technical expertise in the roofing industry.

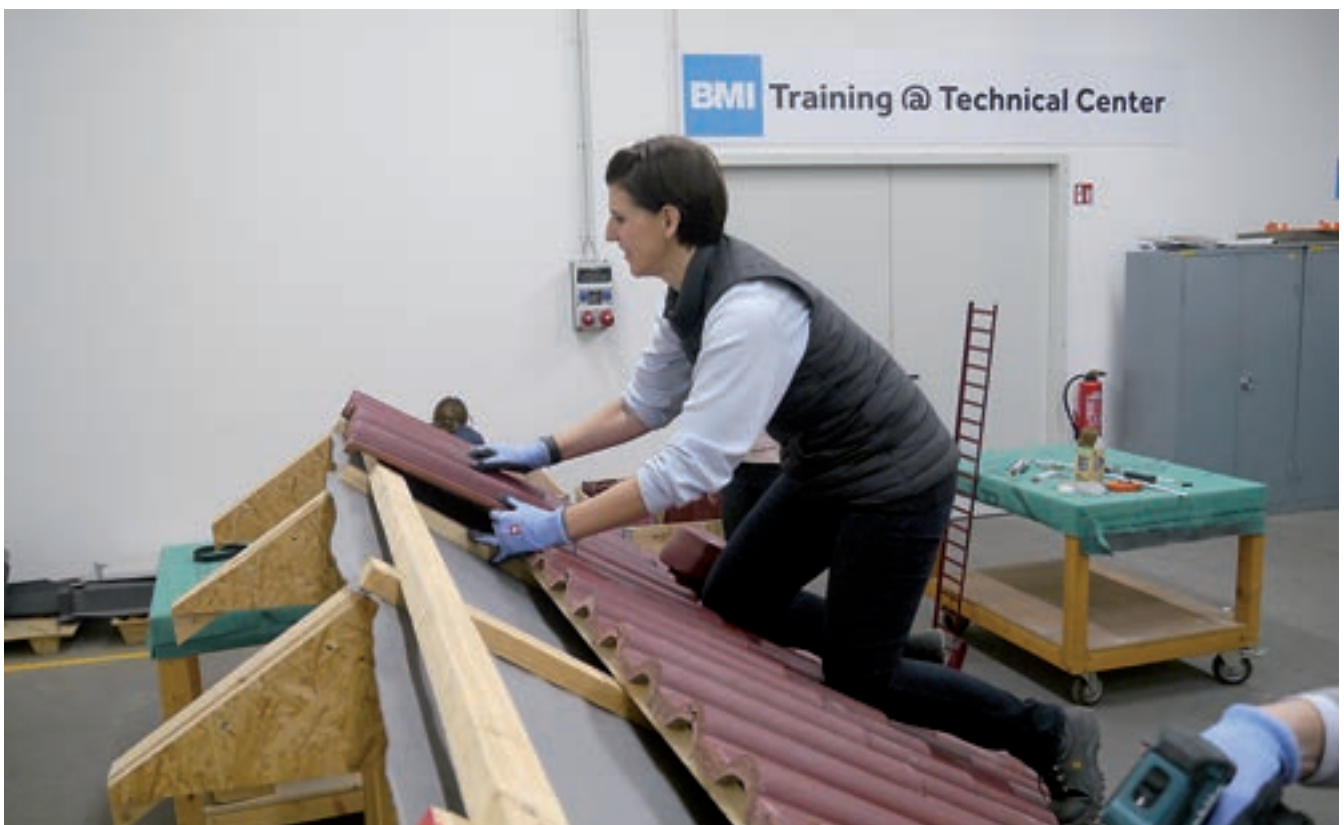


The training you need

Learn about :

- Roofs functionalities
- Product range and solutions
- Technical installation

We provide custom-tailored trainings for architects, engineers, roofers, distributors for a comprehensive knowledge of the roof systems.



Continuous investment in R&D and new product development

BMI tests its roofing products in a wind tunnel unique to the industry.

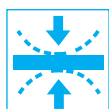
Located at the Technical Centre in Heusenstamm (Germany), the wind tunnel is an important tool for securing the high quality of our products.

The wind tunnel can simulate wind and rain conditions found in a wide range of climate zones worldwide. The simulations in the tunnel even include situations which typically arise only every 50 years.



Tests exceeding the norms....

Our BMI roof tiles satisfy the BMI internal requirements which are more severe than the European applicable norms.



Mechanical strength

Flatness

Acid rain resistance



Frost resistance

UV radiation resistance

Wind uplift



Impermeability

Fire resistance

Wind tunnel test



Roof Tiles Range

Profile		
	FLAT RANGE	MARSEILLE RANGE
10-12 pieces/m ²	 LÓGICA PLANA (p. 16)  SIGNY® (p. 20)	 LÓGICA MARSELHA (p. 34)  KLINKER VIRTUS (p. 38)  MARSELHA MG PLUS (p. 42)  MARSELLA COLLADO (p. 46)  BELMONT® (p. 50)
12-15 pieces/m ²		 MARSEILLE (p. 52)  VARIO 5 (p. 58)  MARSIGLIESE (p. 62)
> 20 pieces/m ²	 FONTENELLE® (p. 24)  PLATE DE PAYS (p. 28)	

Roof Tiles Range

Profile		
	PROFILE RANGE	CURVED TILE
10-12 pieces/m ²	 KLINKER HYDRA (p. 68)  KLINKER K2 (p. 72)  LÓGICA LUSA (p. 80)  DUNA (p. 90)  S10 (p. 96)  S12 (p. 100)  GALLEANE® 10 (p. 104)  OCCITANE (p. 110)  GALLEANE® 12 (p. 114)  FÉRIANE® (p. 120)  COPPO DOMUS (p. 130)	 CANAL MIDI (p. 148)
12-15 pieces/m ²	 KLINKER MERIDIONAL (p. 76)  LUSA MG PLUS (p. 86)  GALLO-ROMANE (p. 124)  PORTOGHESE FLEXA (p. 134)  PORTOGHESE (p. 138)	
> 20 pieces/m ²		 CURVA COLLADO (p. 154)  CURVA COBERT (p. 156)  COPPO TRAFILATO 45 (p. 158)



Flat Range

Lógica Plana	16
Signy®	20
Fontenelle®	24
Plate de pays	28



LOGICA PLANA - GLACIAR

Lógica Plana

- Plain and essential design ideal for modern roofing
- Cutting edge technology: H-Cassette and plaster moulds
- Minimum water absorption
- Wide colour range

TECHNICAL CHARACTERISTICS

Production site	Outeiro	Almansa
Number of tiles per m ²	10.5-11	10.5-11
Dimensions (cm)	45.9 x 28.7 (Natural Red) 45.4 x 28.4 (Other colours)	45.4 x 28.2
Cover width (cm)	24.5	24.5
Batten gauge (cm)	37.5 (Natural Red) 37 (Other colours)	32 - 37.5
Linear meter of battens/m ²	2.7	2.7
Unit weight (kg)	4.55	4.10
Weight per m ² (kg)	50	4.5
Weight per pallet (kg)	1292/973	1166/880
Pieces per pallet	280/210	280/210
Laying	Straight bond or broken bond	Straight bond or broken bond
Product standard	NF EN 1304	NF EN 1304
Application standard	UNE136020	UNE136020
Minimum roof pitch	37% (20°)-47% (25°)	37% (20°)-47% (25°)

These values are given for information purposes only and may be subject to change.



11/m²

GUARANTEE

50
YEARS

CE



H-TECHNOLOGY



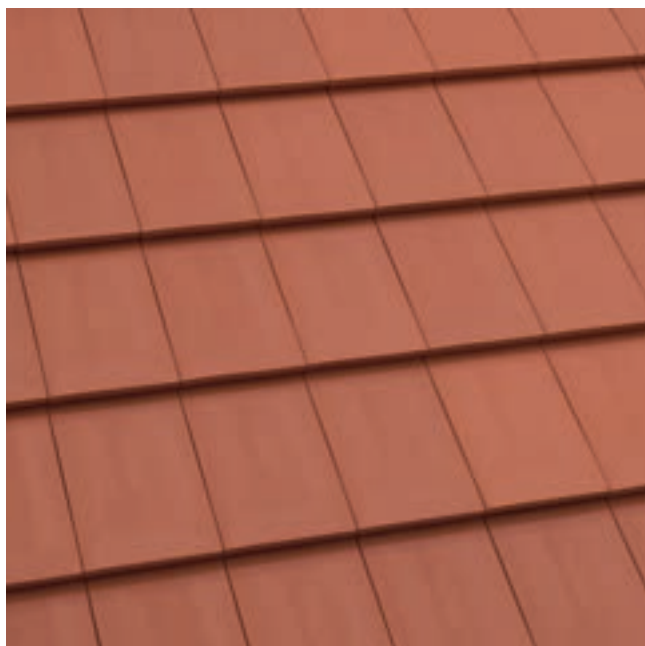
MADE
IN SPAIN



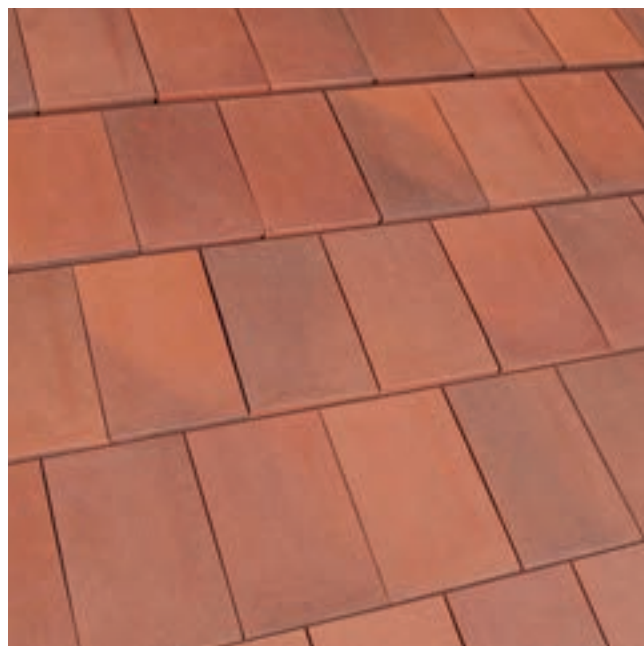
MADE
IN PORTUGAL



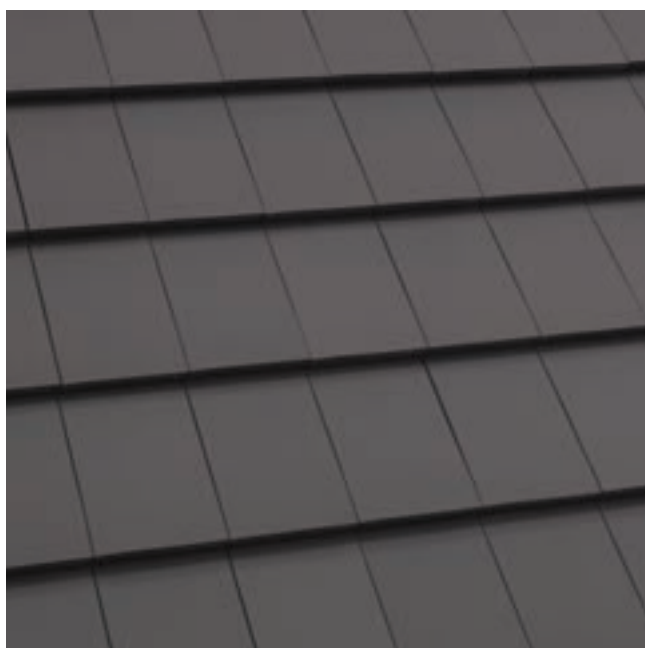
COLOUR RANGE



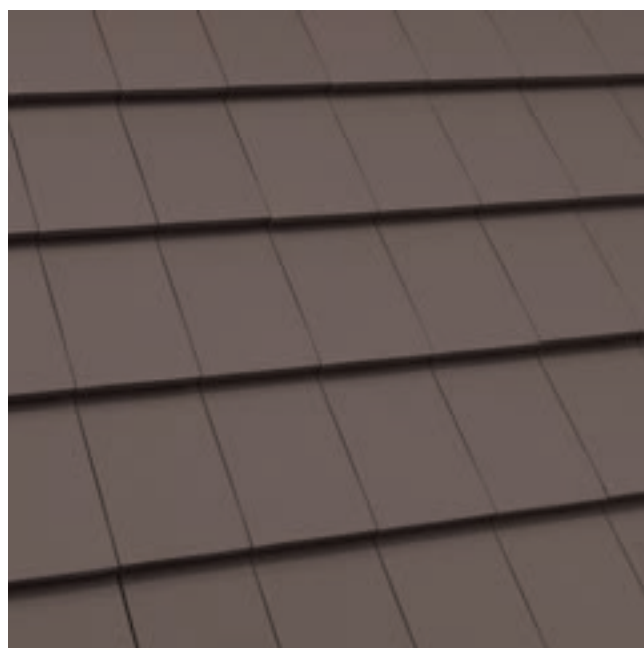
NATURAL RED



MAGMA



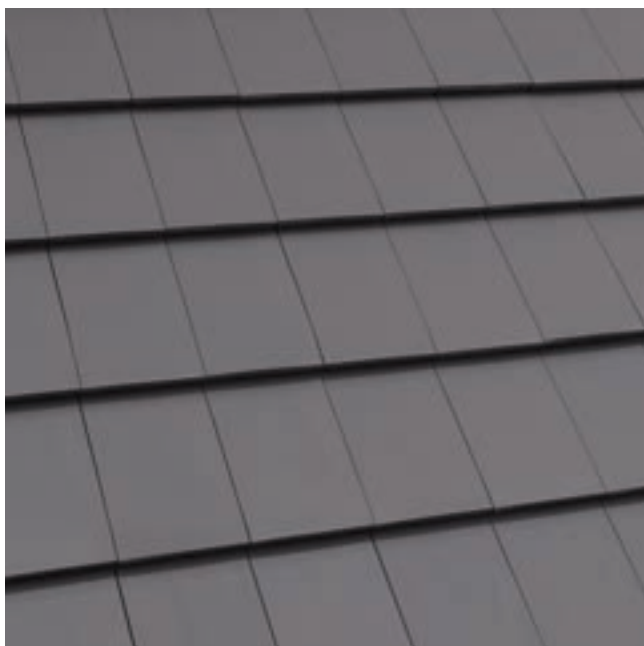
EBANO



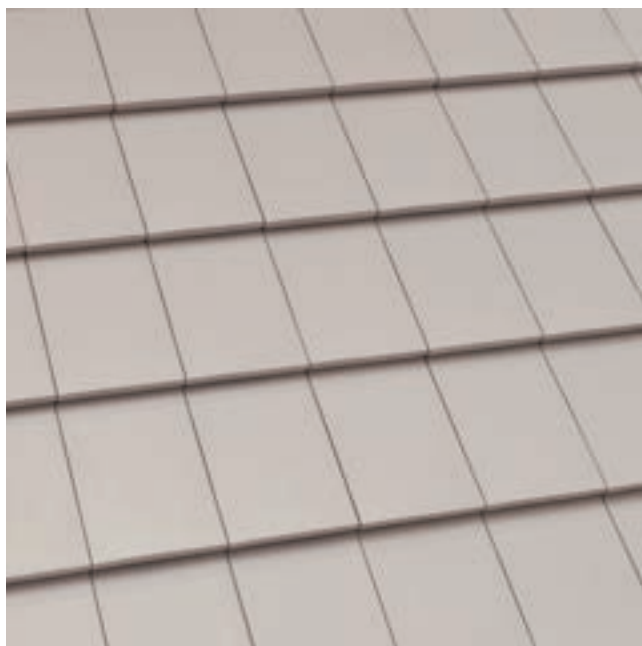
TOBACCO BROWN

Lógica Plana

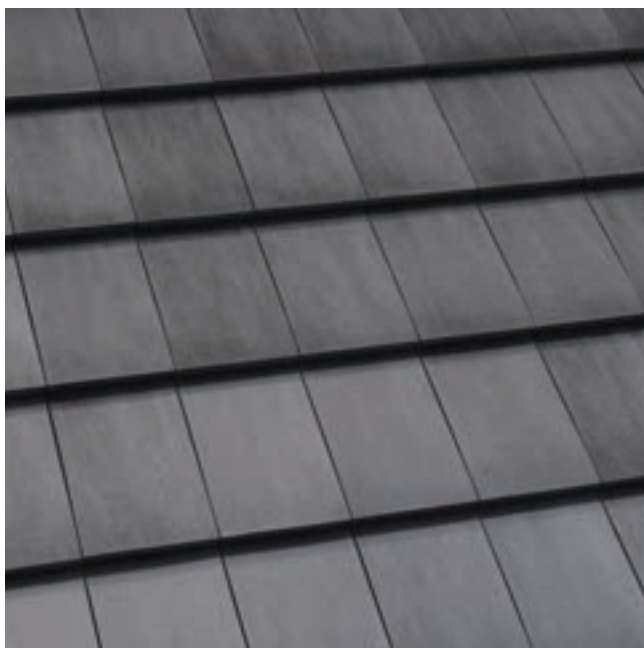
COLOUR RANGE



GALENA



GLACIAR



GLAZED J37LUNA

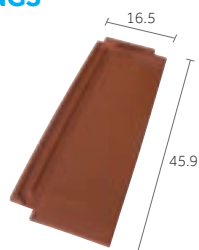
MADE
IN SPAIN



MADE
IN PORTUGAL

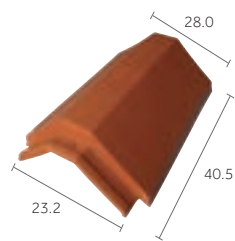


FITTINGS



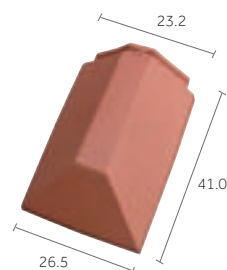
Half-tile

2.4 kg each - Pallet of 210 pieces



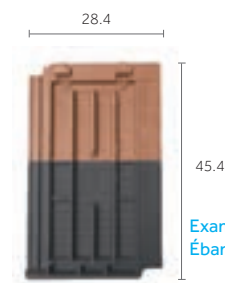
Flat ridge

5 kg each - Pallet of 144 pieces



Flat hip end

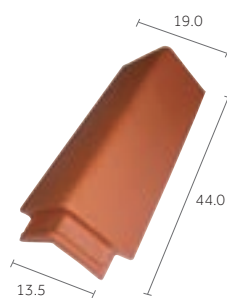
5 kg each - Pallet of 90 pieces



Eave tile

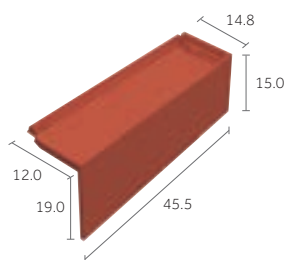
4/ml
4.55 kg each - Visible area: 24.0 x 37.5

Example:
Ébano



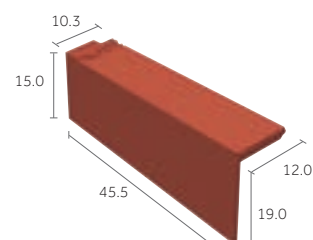
Universal verge

3/ml
3 kg each - Pallet of 284 pieces



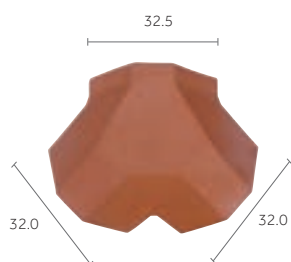
Right verge

2.6/ml
4.50 kg each - Pallet of 100 pieces



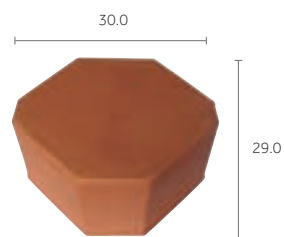
Left verge

2.6/ml
4 kg each - Pallet of 100 pieces



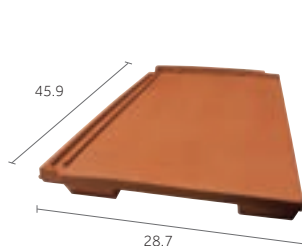
Angular 3 ridge junction

7 kg each - Pallet of 16 pieces



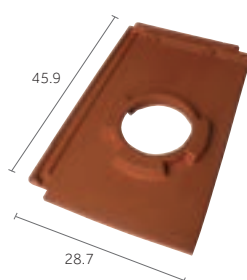
Ridge end cap

3.7 kg each - Pallet of 64 pieces



Ventilation tile

4.55 kg each



Vent cap

4.55 kg each - Ø 120 mm



Thruvent tile

1 kg each

Signy®

- Excellent watertightness: Signy® tiles can be laid on lower slopes than those recommended by the DTU.
- Large economical format: very high coverage rate.
- Aesthetic: very thin nose for a stylish and harmonious appearance on the roof.

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 9.5 to 11.8
Dimensions (cm)	48.3 x 32.9
Cover width (cm)	28.3
Batten gauge (cm)	30 to 37.5
Linear meter of battens/m ²	2.7 to 3.3 ml
Unit weight (kg)	≈ 4.9
Weight per m ² (kg)	46.5 to 57.8
Weight per pallet (kg)	1030
Pieces per pallet	210
Production site	Signy-L'Abbaye
Laying	Laid with staggered joints right to left
Product standard	NF EN 1304
Application standard	NF P 31-203 [DTU 40.211]
Minimum roof pitch	40% /(21°80')

These values are given for information purposes only and may be subject to change.



≈ 10/m²

GUARANTEE
30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



ANTHRACITE MAT (3G)



MOKA (9K)



ROUGE NATUREL (2N)



ROUGE VIEILLI (7E)

Signy®

VERGE TILE

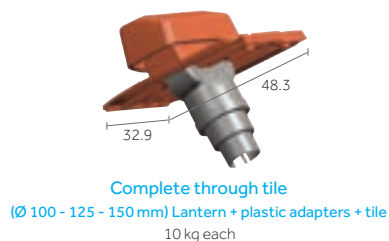
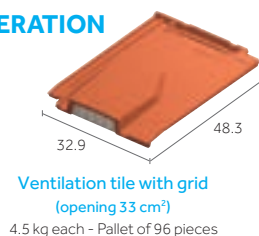
<p>Half-tile 1.4/ml 2.6 kg each - Pallet of 192 pieces</p>	<p>Half left starter tile 1.4/ml 2 kg each - Pallet of 128 pieces</p>	<p>Left starter tile 1.4/ml 3.9 kg each - Pallet of 120 pieces</p>	<p>Europanneton® PAC Box of 250 pieces 2.4 kg</p>	<p>Screw 50 Box of 250 pieces 1.5 kg</p>	<p>Screw 70 Box of 250 pieces 1.5 kg</p>
<p>Left cloaked verge 2.7 to 3.3/ml 3.7 kg each - Pallet of 90 pieces</p>	<p>Right cloaked verge 2.7 to 3.3/ml 3.7 kg each - Pallet of 90 pieces</p>	<p>Left verge tile 1.4 to 1.7/ml 5.8 kg each - Pallet of 48 pieces</p>	<p>Right verge tile 1.4 to 1.7/ml 6.2 kg each - Pallet of 48 pieces</p>	<p>Half left verge tile 1.4 to 1.7/ml 3.6 kg each - Pallet of 84 pieces</p>	<p>Half right verge tile 1.4 to 1.7/ml 3.9 kg each - Pallet of 84 pieces</p>
<p>Left universal verge tile 33* 3/ml 3.4 kg each - Pallet of 190 pieces</p>	<p>Right universal verge tile 33* 3/ml 3.4 kg each - Pallet of 190 pieces</p>	<p>Left end verge 33* 3.2 kg each</p>	<p>Right end verge 33* 3.2 kg each</p>		

RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw.

<p>Ventilated angular ridge 40 2.5/ml 6 kg each - Pallet of 45 pieces</p>	<p>Angular hip 40 2.5/ml 4.6 kg each - Pallet of 45 pieces</p>	<p>Hip end angular 3.8 kg each</p>	<p>Ridge end cap for angular ridge 3.6 kg each</p>	<p>N clip for angular hip/ridge 2.5/ml Bag of 50 pieces / 3 kg</p>	
<p>Angular 4 way apex 7.9 kg each</p>	<p>Angular 3 way apex 6.4 kg each</p>	<p>4 way apex 4.9 kg each</p>	<p>3 way apex 6.4 kg each</p>	<p>End ridge for cloaked verge* 3 kg each</p>	<p>End ridge n°1* 3.8 kg each</p>
<p>Ventilated half-round ridge 40 2.5/ml 4 kg each - Pallet of 144 pieces</p>	<p>Half-round hip end 3.7 kg each</p>	<p>Half-round ridge starter 5.2 kg each</p>	<p>Half-round ridge end 5.8 kg each</p>	<p>Ornamental hip 40 2.3/ml 3.5 kg each - Pallet of 160 pieces</p>	<p>Ornamental hip end 3.7 kg each</p>

VENTILATION & AERATION



*Accessories available in Antique Red color only



ANTHRACITE MAT

Fontenelle®

- Excellent watertightness: Fontenelle® tiles can be laid on lower slopes than those recommended by the DTU.
- Variable gauge: 1.5 cm.
- The thinnest appearance.

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 19.7 to 20.8
Dimensions (cm)	35 x 24.4
Cover width (cm)	≈ 20
Batten gauge (cm)	24 to 25.5
Linear meter of battens/m ²	4 to 4.2 ml
Unit weight (kg)	≈ 2.6
Weight per m ² (kg)	51.2 to 54.1
Weight per pallet (kg)	1100
Pieces per pallet	420
Production site	Signy-L'Abbaye
Laying	Laid with staggered joints right to left
Product standard	NF EN 1304
Application standard	NF P 31-203 [DTU 40.211]
Minimum roof pitch	45% /(24°23')

These values are given for information purposes only and may be subject to change.



≈20/m²

GUARANTEE

30
YEARS



CE

FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



H-TECHNOLOGY



MADE
IN FRANCE



COLOUR RANGE



ANTHRACITE (3G)



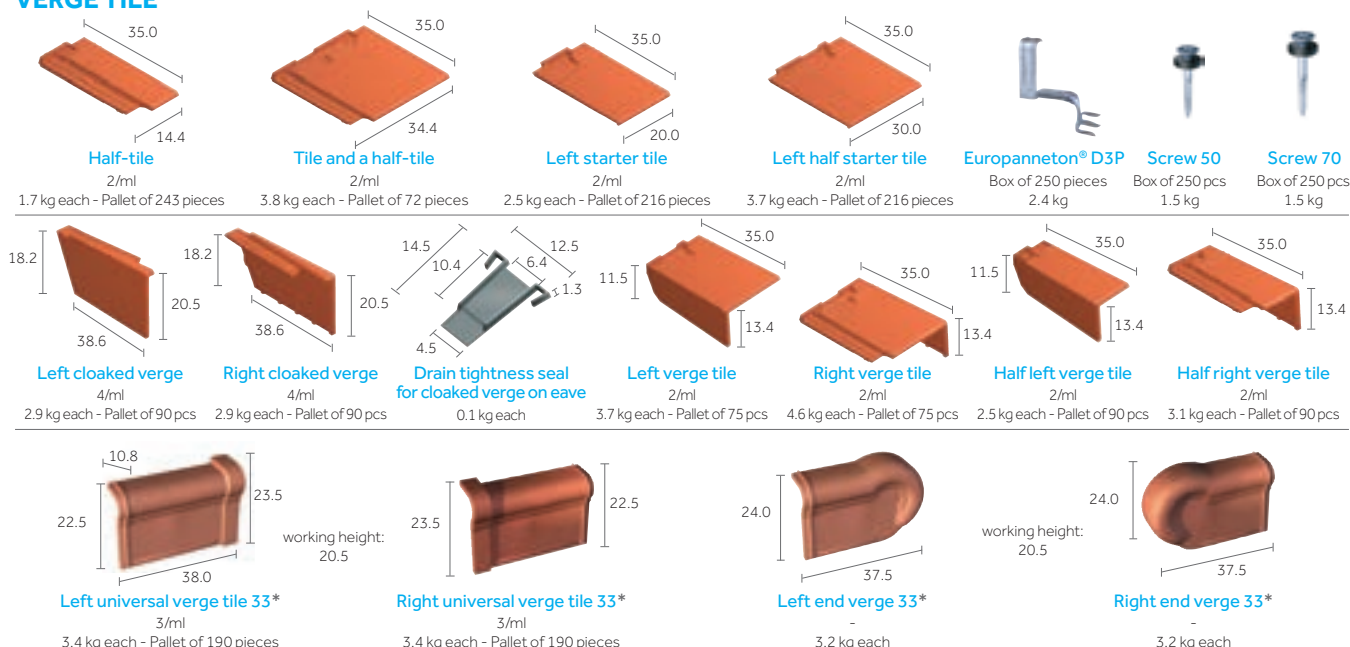
MOKA (9K)



ROUGE VIEILLI (7E)

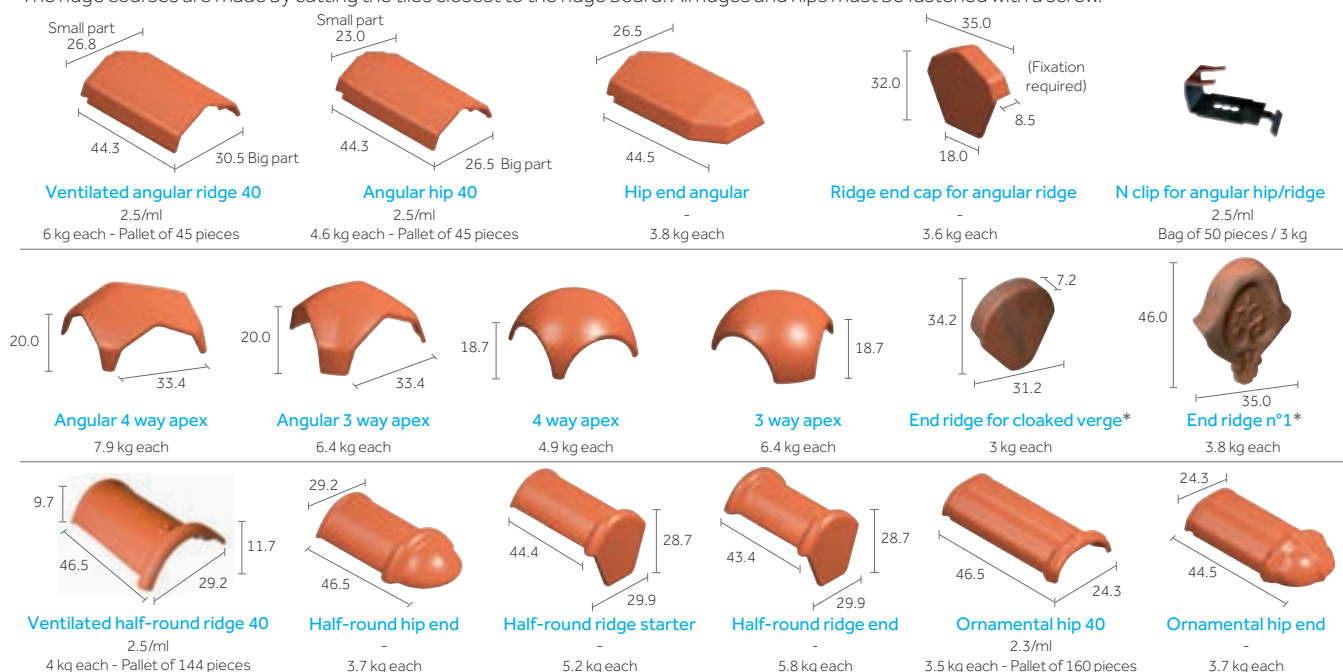
Fontenelle®

VERGE TILE



RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw.



VENTILATION & AERATION



*Accessories available in Antique Red color only



ANTHRACITE

Plate de Pays

- Makes installation easier and improves stability of the tile
- Positioning marker for ease of installation
- Shaded colors to find the aesthetics of your old roofs

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	59 to 65
Dimensions (cm)	27 x 17
Cover width (cm)	17.2
Batten gauge (cm)	9 to 10
Linear meter of battens/m ²	10 to 11 ml
Unit weight (kg)	≈ 1.18
Weight per m ² (kg)	69.6 to 76.7
Weight per pallet (kg)	960
Pieces per pallet	864
Production site	Roumazières
Laying	Broken bond
Product standard	NF EN 1304
Application standard	NF P 31-204 [DTU 40.23]
Minimum roof pitch	60% (30°96')

These values are given for information purposes only and may be subject to change.



≈62/m²

GUARANTEE

30
YEARS



FDES / EDP
CLAY TILE

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MADE
IN FRANCE



COLOUR RANGE



OCRE VIEILLI (1U)



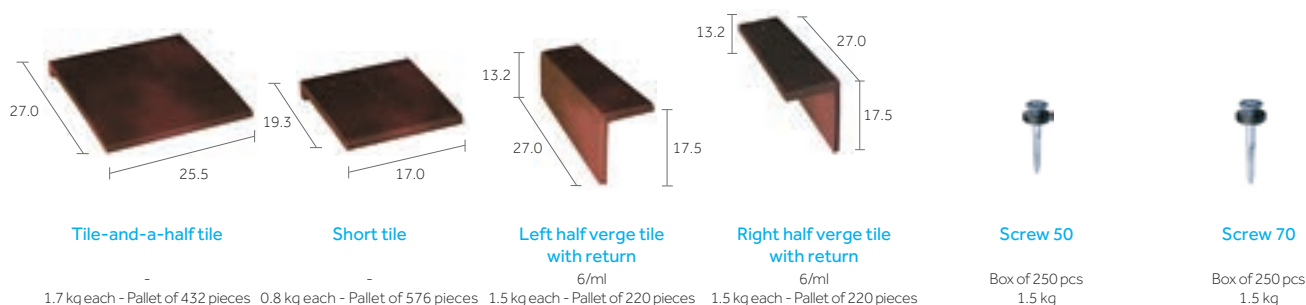
ROUGE VIEILLI (7E)



TERRE DE CHENE (2U)

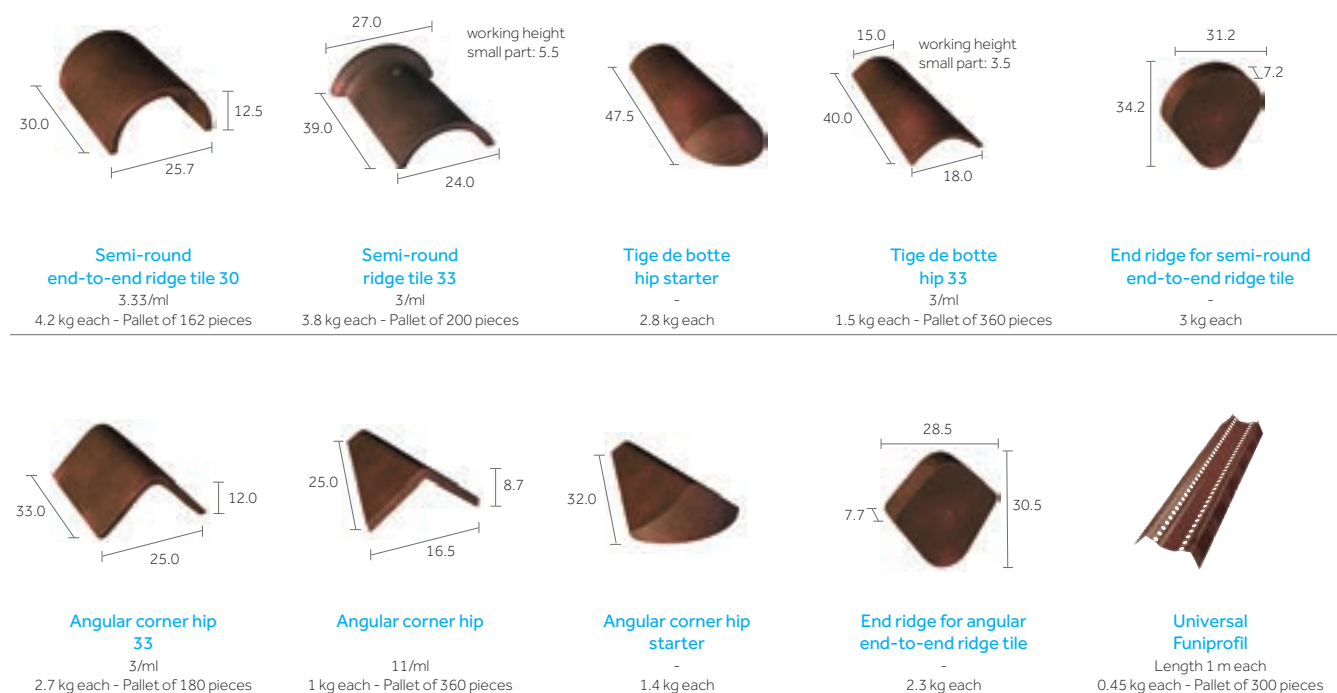
Plate de Pays

VERGE TILE



RIDGES, HIPS & END CAPS

The tile and a half tile enables satisfactory cutting sizes. This system enables the ridge and hip to adapt to the nature movements of the roof. The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw.



VENTILATION & AERATION





TERRE DE CHENE



MARSEILLE - VALMAGNE CUIVRE

Marseille Range

Lógica Marselha	34
Klinker Virtus	38
Marselha MG Plus	42
Marsella Collado	46
Belmont®	50
Marseille	52
Vario 5	58
Marsigliese	62

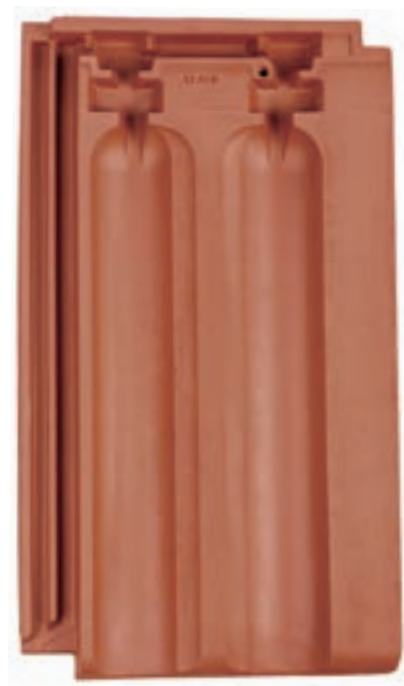
Lógica Marselha

- Typical mediterranean design combined with superior technical performance
- Cutting edge technology:
H-Cassette and plaster moulds
- Minimum water absorption
- Broken bonds or straight bonds installation

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	11.5
Dimensions (cm)	45.9 x 26.4 (Red and Magma) 45.3 x 26.0 (Other colours)
Cover width (cm)	24.4
Batten gauge (cm)	39.0 (Red and Magma) - 38.5 (Other colours)
Linear meter of battens/m ²	2.6
Unit weight (kg)	3.55
Weight per m ² (kg)	40.8
Weight per pallet (kg)	764-1012
Pieces per pallet	210-280
Production site	Outeiro
Laying	Straight bond or broken bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	35% (19°5')

These values are given for information purposes only and may be subject to change.



11.5/m²

GUARANTEE

50
YEARS

CE



H-TECHNOLOGY



MADE
IN PORTUGAL



COLOUR RANGE



NATURAL RED



MAGMA



EBANO



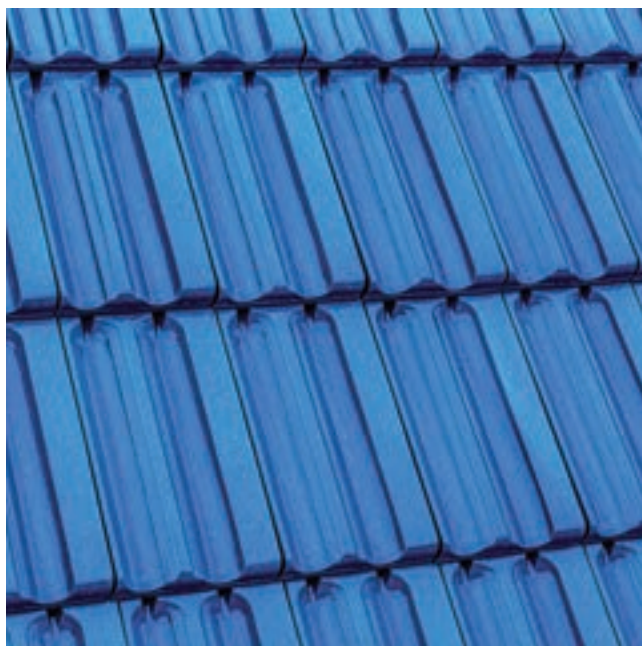
TOBACCO BROWN

Lógica Marselha

COLOUR RANGE



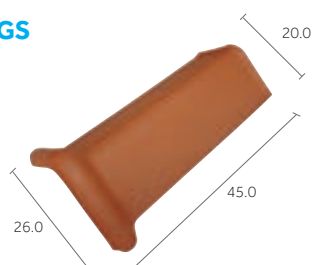
GLAZED ESMERALDA



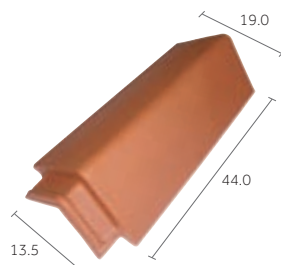
GLAZED AZUL DUBAI



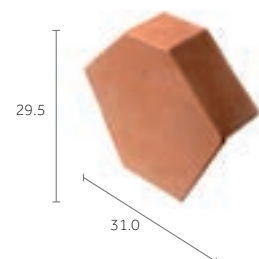
FITTINGS



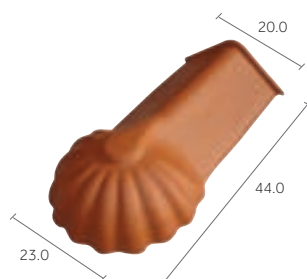
Triangular ridge
2.4/ml
3.0 kg each - Pallet of 296 pieces



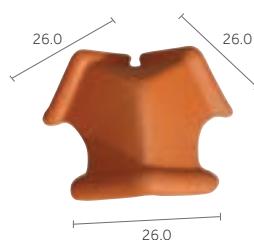
Universal verge
3/ml
3.0 kg each - Pallet of 284 pieces



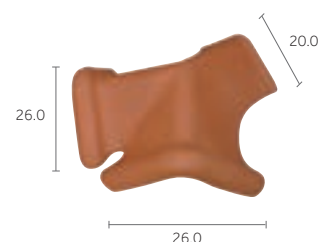
Ridge end cap
-
3 kg each - Pallet of 64 pieces



Triangular hip end
3.3 kg each - Pallet of 130 pieces



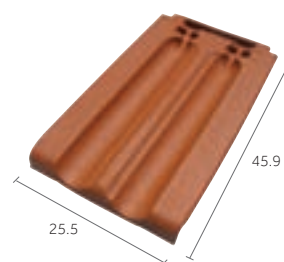
Triangular 3 ridge junction M/F
3.3 kg each - Pallet of 100 pieces



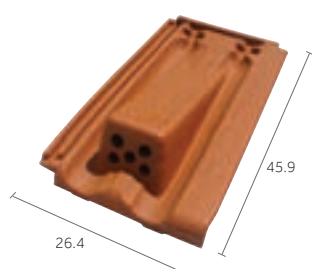
Triangular 3 ridge junction M/F
3.2 kg each - Pallet of 100 pieces



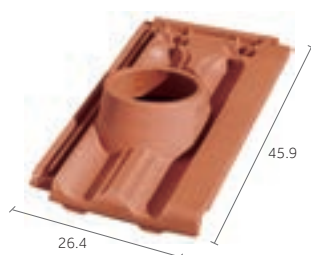
Half tile
2.7 kg each - Pallet of 224 pieces



Double tile
4.6 kg each - Pallet of 180 pieces



Ventilation tile
4.9 kg each - Pallet of 84 pieces



Thruvent tile
4.8 kg each - Ø inside: 120 mm - Pallet of 72 pieces



Chimney
2 kg each

Klinker Virtus

- Modern design and great flexibility of installation
- Cutting edge technology: H-Cassette and plaster moulds
- Klinker technology for superior quality
- Broken bonds or straight bonds installation

TECHNICAL CHARACTERISTICS

Number of tiles per m² 11.5 - 14.0

Dimensions (cm) 45.8 x 25.8

Cover width (cm) 21.4

Batten gauge (cm) 39.5 (-6)

Linear meter of battens/m² 2.5 to 3

Unit weight (kg) 3.5

Weight per m² (kg) 40.2

Weight per pallet (kg) 750

Pieces per pallet 210-280

Production site Almansa

Laying Straight bond or broken bond

Product standard EN 1304

Application standard UNE136020

Minimum roof pitch 35% (19°5')

These values are given for information purposes only and may be subject to change.



11.5-14/m²

GUARANTEE

50
YEARS

CE

FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



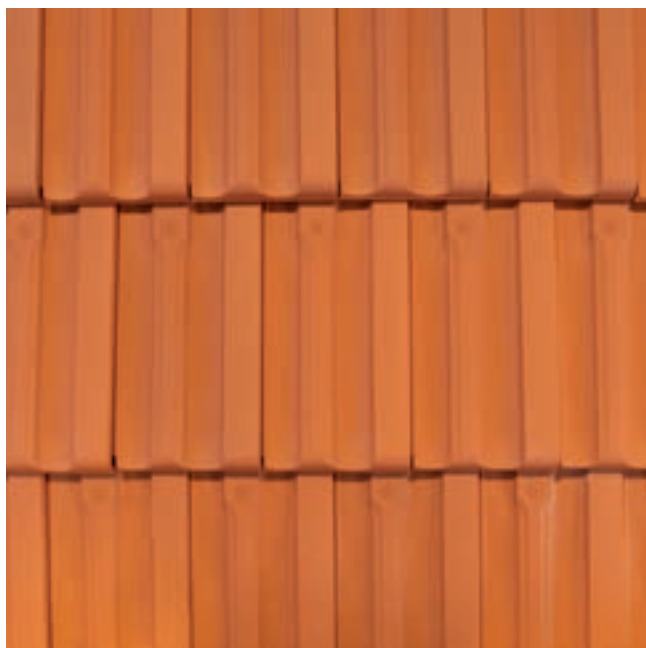
H-TECHNOLOGY

H

MADE
IN SPAIN



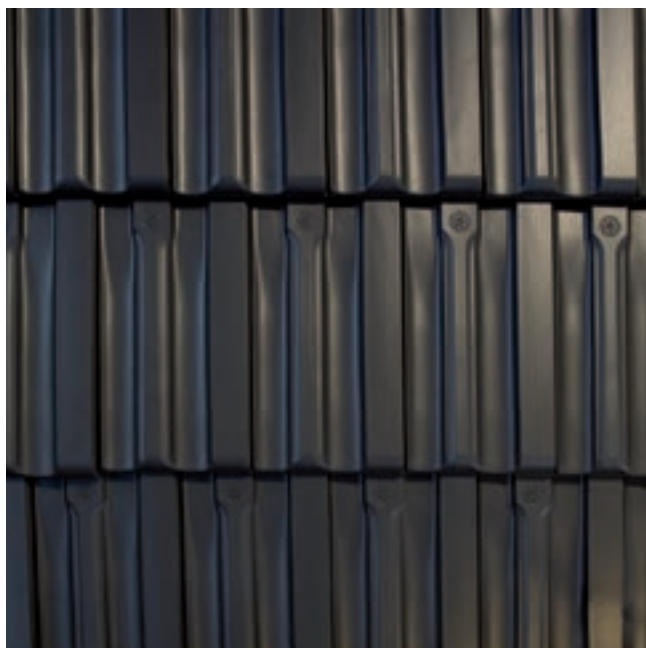
COLOUR RANGE



NATURAL RED



MAGMA



EBANO

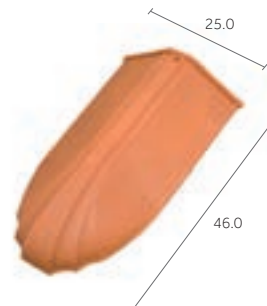


Klinker Virtus

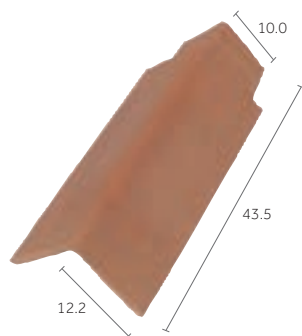
FITTINGS



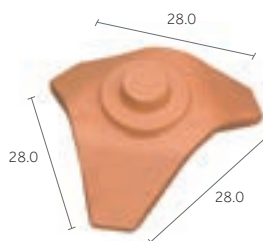
Triangular plus ridge
3 kg each - Pallet of 192 pieces



Triangular plus hip end
3.3 kg each



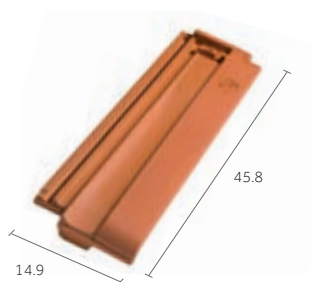
Universal verge
3 kg each - Pallet of 284 pieces



Triangular plus 3 ridge junction
3.3 kg each



Ridge end cap
3 kg each



Half-tile
2.7 kg each



Ventilation tile



Thruvent tile
3.5 kg each



Chimney
2 kg each



Pinnacle
3 kg each



NATURAL RED

Marselha MG Plus

- Large marseille tile ideal for renovation
- Cutting edge technology:
H-Cassette and plaster moulds
- Flexible gauge up to 7.5 cm

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	11 - 14
Dimensions (cm)	46.2 x 26.4
Cover width (cm)	24.4
Batten gauge (cm)	32.0 - 39.4
Unit weight (kg)	3.6
Weight per m ² (kg)	39.6
Weight per pallet (kg)	764 - 1012
Production site	Outeiro
Laying	Broken bond (recommended), straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	35% (19°5')

These values are given for information purposes only and may be subject to change.



11-14/m²

GUARANTEE

35

YEARS

CE



H-TECHNOLOGY



MADE
IN PORTUGAL



COLOUR RANGE



NATURAL RED



NATURAL RED



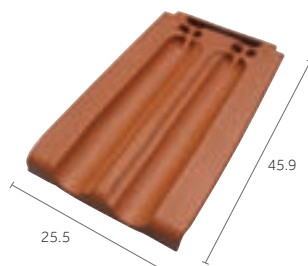
Marselha MG Plus

FITTINGS



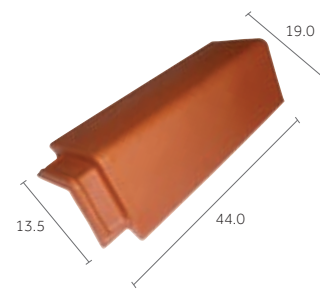
Half tile

2.7 kg each - Pallet of 224 pieces



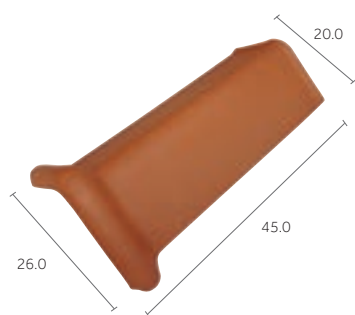
Double tile

4.6 kg each - Pallet of 180 pieces



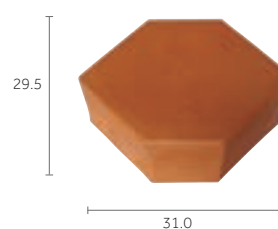
Universal verge

3/ml
3 kg each - Pallet of 284 pieces



Triangular ridge

2.4/ml
3 kg each - Pallet of 296 pieces



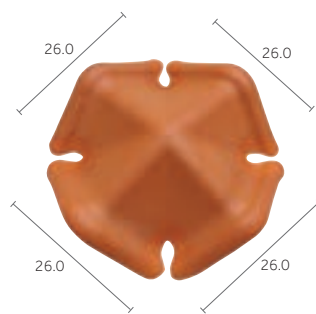
Ridge end cap

3 kg each - Pallet of 64 pieces



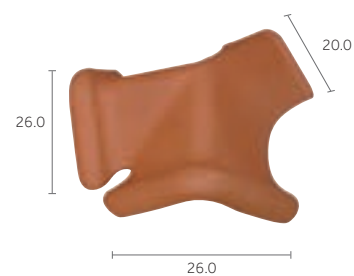
Triangular hip end

3.3 kg each - Pallet of 130 pieces



4 ridge junction

4.1 kg each - Pallet of 100 pieces



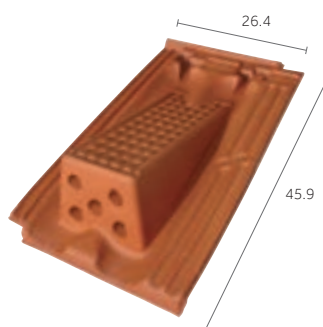
Triangular 3 ridge junction M/F

3.2 kg each - Pallet of 100 pieces



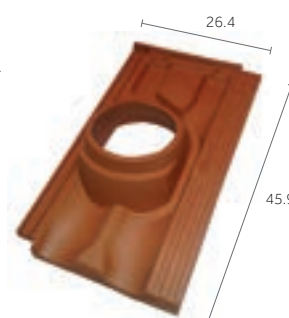
Ventilation tile

4.6 kg each - Pallet of 90 pieces



Ventilation step tile

4.9 kg each - Pallet of 84 pieces



Thruvent tile Ø 120 mm

4.8 kg each - Pallet of 72 pieces



Chimney

2 kg each



ROJO

Marsella Collado

- The marseille tile perfect for the renovation of historical buildings
- Great impermeability, mechanical strength and frost resistance
- Flexible gauge up to 4 cm

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	12.0 - 13.5
Dimensions (cm)	43.2 x 26.2
Cover width (cm)	22.2
Batten gauge (cm)	33.0 - 37.0
Linear meter of battens/m ²	2.6 to 3
Unit weight (kg)	3.3
Weight per m ² (kg)	39.6
Weight per pallet (kg)	693
Pieces per pallet	210-280
Production site	Toledo
Laying	Broken bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	35% (19°5')

These values are given for information purposes only and may be subject to change.



≈12/m²

GUARANTEE

35

YEARS

CE

FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN SPAIN



COLOUR RANGE



NATURAL RED



NATURAL RED



Marsella Collado

FITTINGS



Classic ridge

3.1 kg each - Pallet of 240 pieces



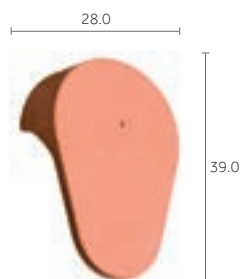
Classic hip end

3.1 kg each



3 ridge junction

4 kg each



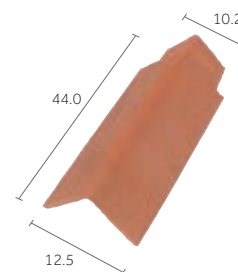
Universal ridge end cap

3.3 kg each



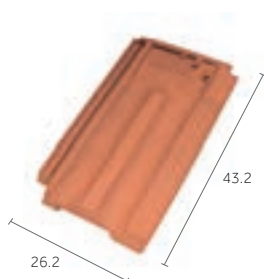
Pinnacle

2.5 kg each



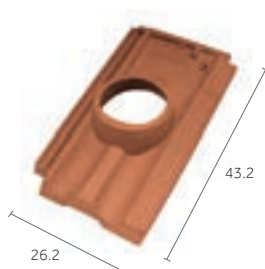
Universal verge

3.1 kg each - Pallet of 284 pieces



Ventilation tile

3.4 kg each



Thruvent tile

4 kg each



Chimney

2 kg each



NATURAL RED

Belmont®

- Excellent sealing (up to 19 % minimum slope)
- Variable gauge: a great flexibility of laying
- Easy to lay in straight or staggered joints

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 9.5 to 11.8
Dimensions (cm)	46.7 x 32.8
Cover width (cm)	28.2
Batten gauge (cm)	30 to 37.5
Linear meter of battens/m ²	2.7 to 3.3 ml
Unit weight (kg)	≈ 4.5
Weight per m ² (kg)	42.8 to 53.1
Weight per pallet (kg)	1080
Pieces per pallet	240
Production site	Signy-L'Abbaye
Laying	Straight or staggered joints from right to left
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	19% (10°76')

These values are given for information purposes only and may be subject to change.



≈ 10/m²

GUARANTEE

30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



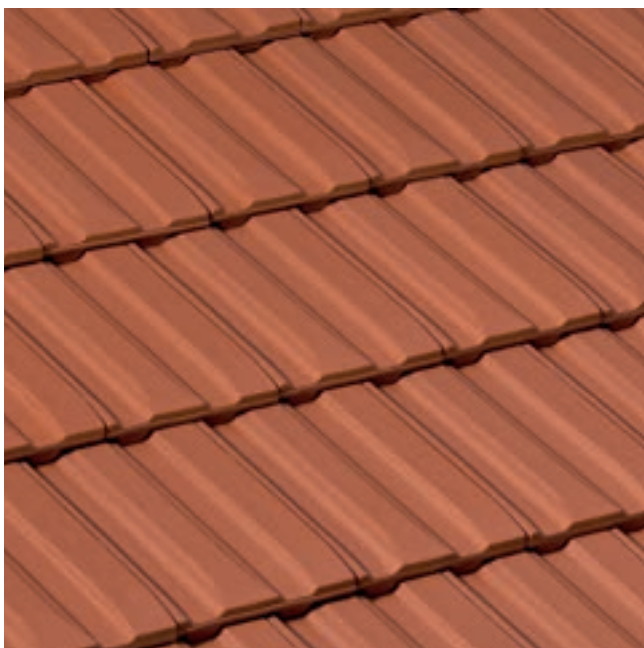
H-TECHNOLOGY



MADE
IN FRANCE



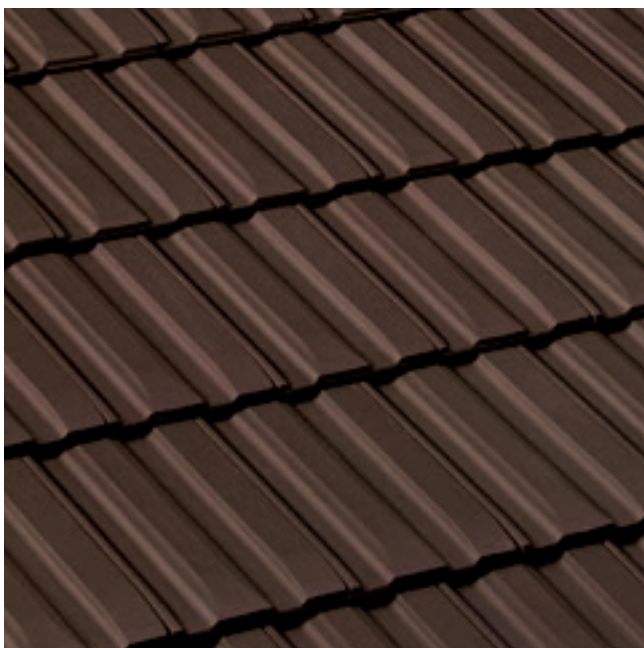
COLOUR RANGE



ROUGE NATUREL (2N)



ROUGE VIEILLI (7E)



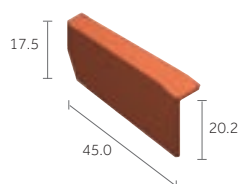
MOKA (9K)



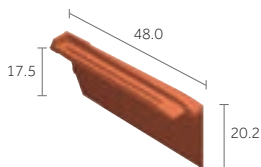
ANTHRACITE MAT (3L)

Belmont®

VERGE TILE



Left cloaked verge
2.7 to 3.3/ml
3.7 kg each - Pallet of 90 pieces



Right cloaked verge
2.7 to 3.3/ml
3.7 kg each - Pallet of 90 pieces



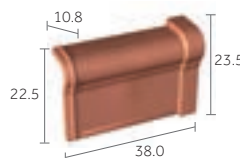
Europanneton® PAC
Box of 250 pieces
2.4 kg



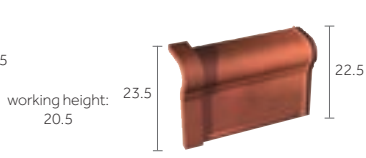
Screw 50
Box of 250 pieces
1.5 kg



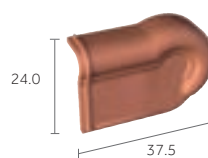
Screw 70
Box of 250 pieces
1.5 kg



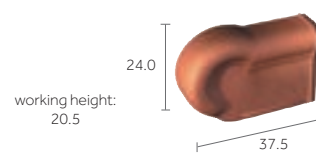
Left universal verge tile 33*
3/ml
3.4 kg each - Pallet of 190 pieces



Right universal verge tile 33*
3/ml
3.4 kg each - Pallet of 190 pieces



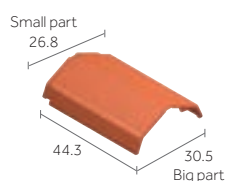
Left end verge 33*
-
3.2 kg each



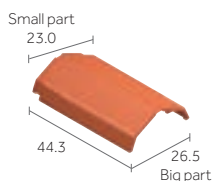
Right end verge 33*
-
3.2 kg each

RIDGES, HIPS & END CAPS

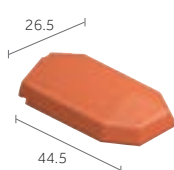
The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw.



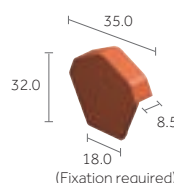
Ventilated angular ridge 40
2.5/ml
6 kg each - Pallet of 45 pieces



Angular hip 40
2.5/ml
4.6 kg each - Pallet of 45 pieces



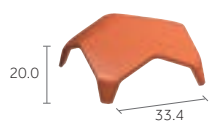
Hip end angular
-
3.8 kg each



Ridge end cap for angular ridge
-
3.6 kg each



N clip for angular hip/ridge
2.5/ml
Bag of 50 pieces / 3 kg



Angular 4 way apex
7.9 kg each



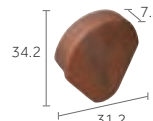
Angular 3 way apex
6.4 kg each



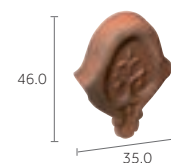
4 way apex
4.9 kg each



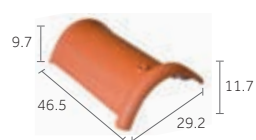
3 way apex
6.4 kg each



End ridge for cloaked verge*
3 kg each



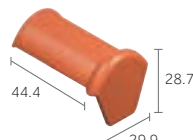
End ridge n°1*
3.8 kg each



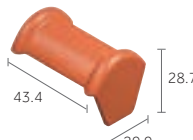
Ventilated half-round ridge 40
2.5/ml
4 kg each - Pallet of 144 pieces



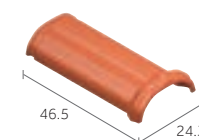
Half-round hip end
-
3.7 kg each



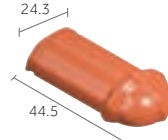
Half-round ridge starter
-
5.2 kg each



Half-round ridge end
-
5.8 kg each

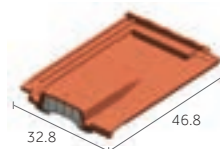


Ornamental hip 40
2.3/ml
3.5 kg each - Pallet of 160 pieces

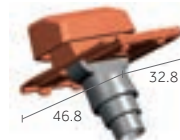


Ornamental hip end
-
3.7 kg each

VENTILATION & AERATION



**Ventilation tile with grid
(opening 34 cm²)**
4.2 kg each - Pallet of 96 pieces



Complete through tile
(Ø 100 - 125 - 150 mm) Lantern + plastic adapters + tile
11.4 kg each

*Accessories available in Antique Red color only



MOKA

Marseille

- The interlocking tile from the 19th century
- Variable gauge: a great flexibility of laying
- The “Bee” mark exclusive to Monier



TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 12.5 to 14
Dimensions (cm)	43.3 x 26.0
Cover width (cm)	22.1 to 22.5
Batten gauge (cm)	32 to 36
Linear meter of battens/m ²	2.8 to 3.2 ml
Unit weight (kg)	≈ 3.4
Weight per m ² (kg)	42.5 to 47.6
Weight per pallet (kg)	820
Pieces per pallet	240
Production site	Roumazières
Laying	Laid with straight joints right to left
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	30% (16°70')

These values are given for information purposes only and may be subject to change.



≈12.5-14/m²

GUARANTEE

30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



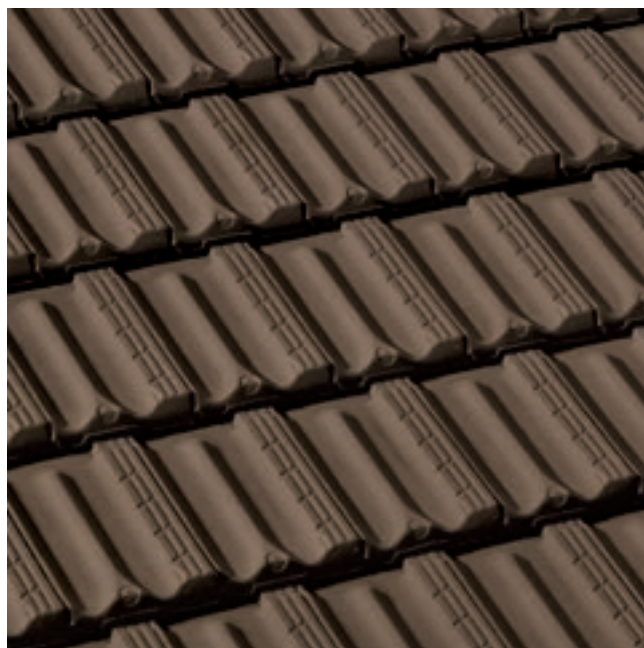
BRUN RUSTIQUE (5G)



ROUGE (1B)



ROUGE VIEILLI (7E)



BRUN MASSE (3F)

Marseille

COLOUR RANGE



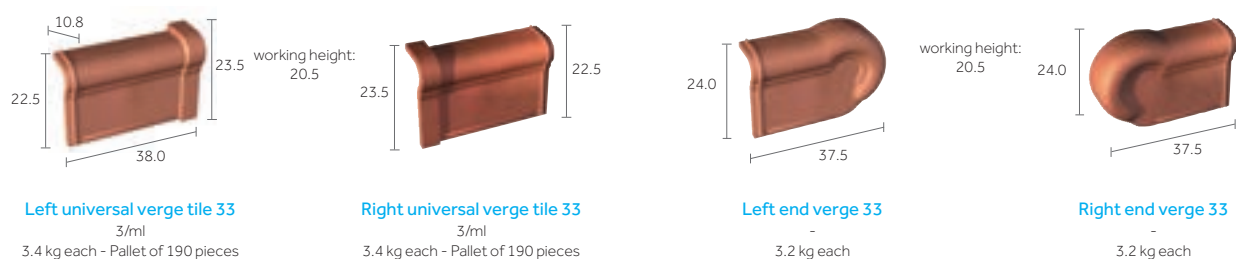
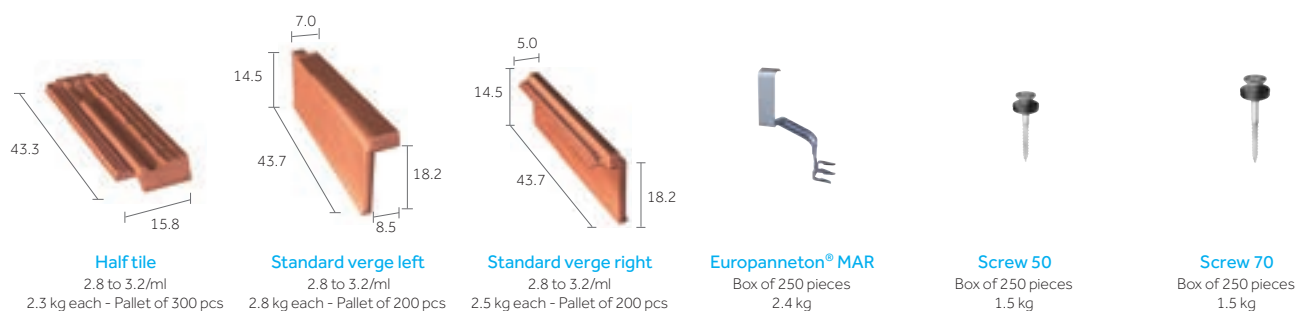
VALMAGNE CUIVRE (6C)



ROUGE

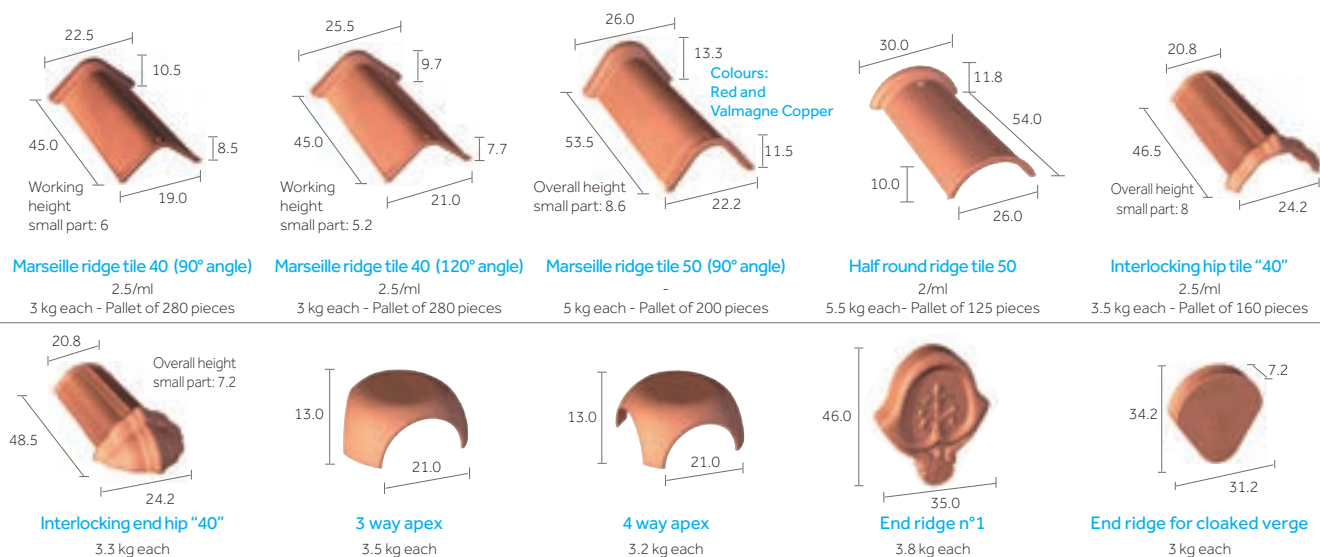


VERGE TILE



RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw.



VENTILATION, AERATION & ILLUMINATION



Vario 5

- The beauty of marseille with flexible gauge
- Great impermeability, mechanical strength and frost resistance
- Lightweight and easy to lay
- Flexible gauge up to 5 cm

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	14
Dimensions (cm)	41.1 x 24.5
Cover width (cm)	20.9
Batten gauge (cm)	30-35 (recommended 34.5)
Unit weight (kg)	2.8
Weight per m ² (kg)	39
Weight per pallet (kg)	650
Pieces per pallet	280
Production site	Castelletto di Branduzzo
Laying	Broken bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	35% (19°3')

These values are given for information purposes only and may be subject to change.



14/m²

GUARANTEE

10
YEARS

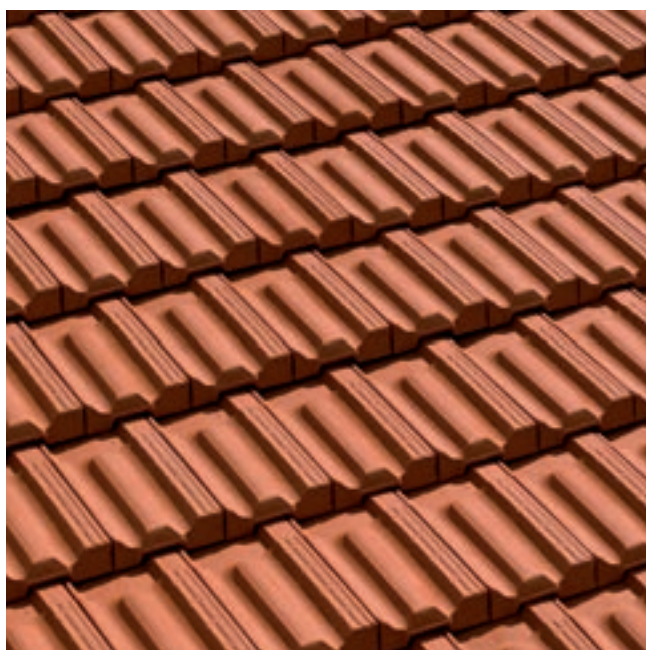
CE



MADE
IN ITALY



COLOUR RANGE



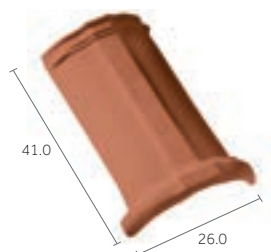
ARGILLA NATURALE



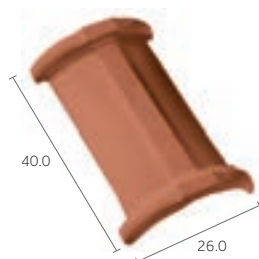
ARGILLA NATURALE

Vario 5

FITTINGS



Shaped ridge
2.7/ml - 3.1 kg each



Ridge
2.8 kg each



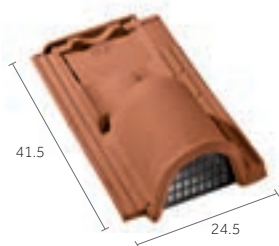
End ridge
3 kg each



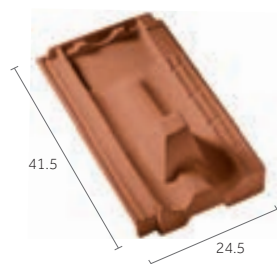
3 ridge junction
3.9 kg each



4 ridge junction
4.8 kg each



Ventilation tile
3.9 kg each - Ventilation section: 47 cm²



Snow stop tile
3.6 kg each



Adapter for chimney



Chimney



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each



ARGILLA NATURALE

Marsigliese

- The typical Italian roof design
- Great impermeability, mechanical strength and frost resistance
- Lightweight and easy to lay
- Broken bonds or straight bonds installation

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	14.5
Dimensions (cm)	41.4 x 24.1
Cover width (cm)	20.2
Batten gauge (cm)	34.5
Unit weight (kg)	2.85
Weight per m ² (kg)	41.3
Weight per pallet (kg)	740
Pieces per pallet	272
Production site	Ceprano
Laying	Straight bond or broken bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	35% (19°3')

These values are given for information purposes only and may be subject to change.



14.5/m²

GUARANTEE

10
YEARS

CE



MADE
IN ITALY



COLOUR RANGE



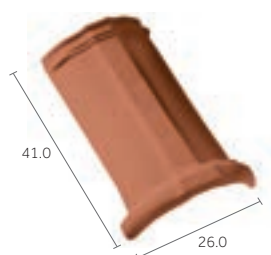
NATURAL RED



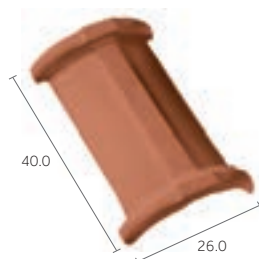
ROSSOVIVO

Marsigliese

FITTINGS



Shaped ridge
2.7/ml - 3.1 kg each



Ridge
2.8 kg each



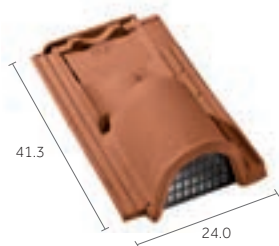
End ridge
3 kg each



3 ridge junction
3.9 kg each



4 ridge junction
4.8 kg each



Ventilation tile
3.8 kg each



Snow stop tile
3.9 kg each



Adapter for chimney



Chimney



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each





GALLEANE® 10 - CUIVRE

Profile Range

Klinker Hydra	68
Klinker K2	72
Klinker Meridional	76
Lógica Lusa	80
Lusa MG Plus	86
Duna	90
S10	96
S 12	100
Galleane® 10	104
Occitane	110
Galleane® 12	114
Férianne®	120
Gallo-Romane	124
Coppo Domus	130
Portoghese Flexa	134
Portoghese	138

Klinker Hydra

- Large format tile combining easthetics and speed of execution
- Cutting edge technology: H-Cassette and plaster moulds
- Klinker technology for superior quality
- Easy to lay, flexible gauge

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	10.5
Dimensions (cm)	45.8 x 29.1
Cover width (cm)	24.5
Batten gauge (cm)	39.3 - 40.3
Linear meter of battens/m ²	2.5
Unit weight (kg)	4.05
Weight per m ² (kg)	42.5
Weight per pallet (kg)	875
Pieces per pallet	216
Production site	Almansa
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



10.5/m²

GUARANTEE

**50
YEARS**

CE

**FDES / EDP
CLAY TILE**

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



H-TECHNOLOGY



MADE
IN SPAIN



COLOUR RANGE



NATURAL RED



MAGMA



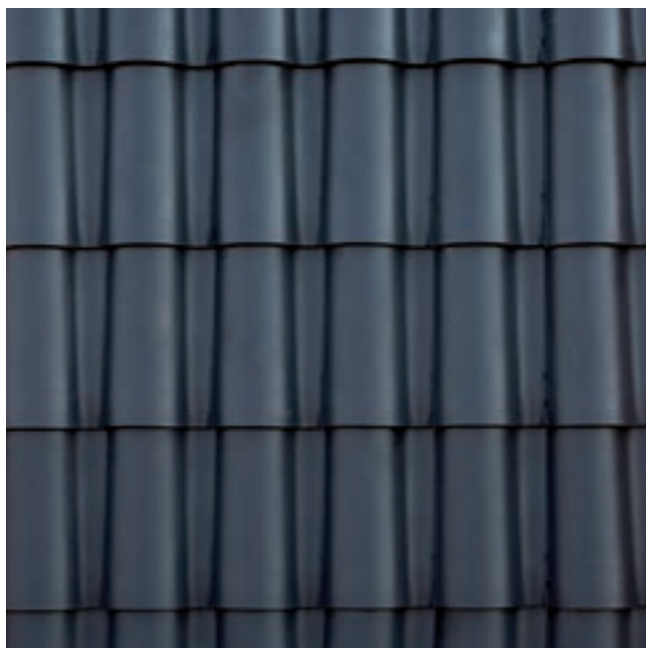
CADAQUES



HAVANA

Klinker Hydra

COLOUR RANGE



ÉBANO

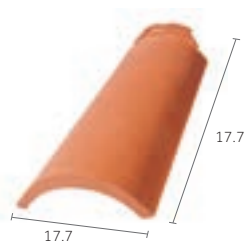


MADE
IN SPAIN



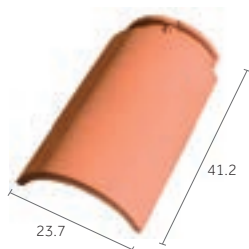
FITTINGS

Example: Ébano



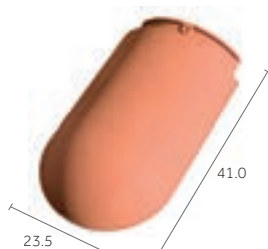
Half-tile

2.4 kg each - Pallet of 175 pieces



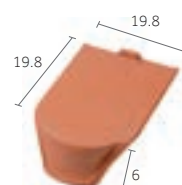
Universal ridge

3.2 kg each - Pallet of 192 pieces



Universal hip end

3.1 kg each

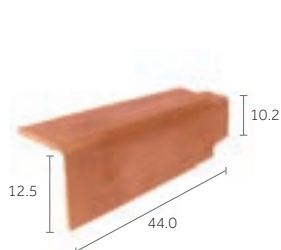


Wedge

0.9 kg each - Pallet of 630 pieces

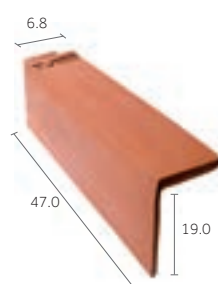


Eave tile



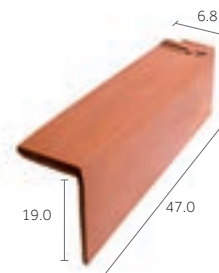
Universal verge

3.1 kg each - Pallet of 284 pieces



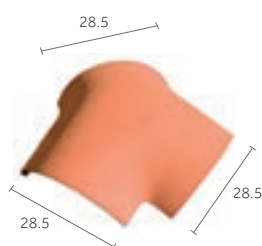
Left verge

3.4 kg each - Pallet of 212 pieces



Right verge

3.4 kg each - Pallet of 212 pieces



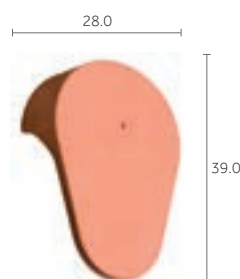
Universal 3 ridge junction

5.5 kg each



Universal 4 ridge junction

2.65 kg each



Universal ridge end cap

3.3 kg each



Pinnacle

2.5 kg each



Ventilation tile

4.2 kg each



Thruvent tile

4.2 kg each



Chimney

2 kg each



Clay bird stop

0.95 kg each

Klinker K2

- Classic profile resembling the appearance of old roofs with canal tiles
- Cutting edge technology: H-Cassette and plaster moulds
- Klinker technology for superior quality
- Easy to lay, flexible gauge

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	9.5 - 11
Dimensions (cm)	48.3 x 32.5
Cover width (cm)	25
Batten gauge (cm)	38 - 40
Linear meter of battens/m ²	2.7
Unit weight (kg)	4.3
Weight per m ² (kg)	43
Weight per pallet (kg)	786
Pieces per pallet	180
Production site	Almansa
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



≈ 10/m²

GUARANTEE

50
YEARS

CE

FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



H-TECHNOLOGY

H

MADE
IN SPAIN



COLOUR RANGE



NATURAL RED



ROJO VIEJO



MAGMA



CADAQUES

Klinker K2

COLOUR RANGE



OCRE CASTILLA



VIEJO CASTILLA



EBANO

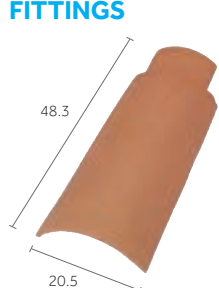


EBANO

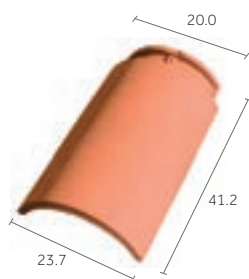


Example: Ébano

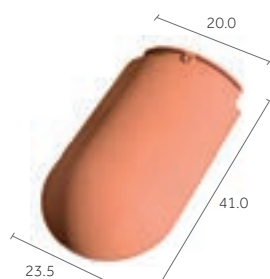
FITTINGS



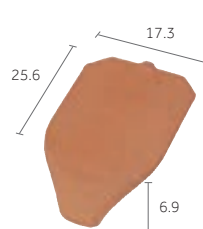
Half-tile
2.8 kg each



Universal ridge
3.2 kg each - Pallet of 192 pieces



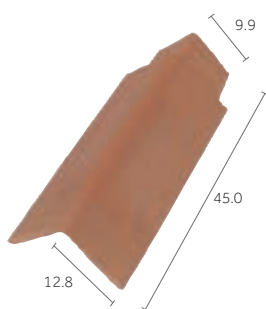
Universal hip end
3.1 kg each



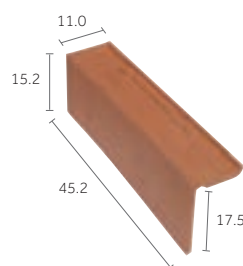
Wedge
1.45 kg each



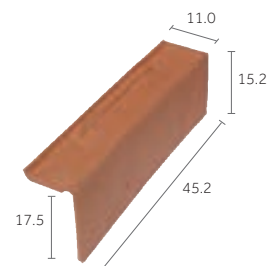
Eave tile



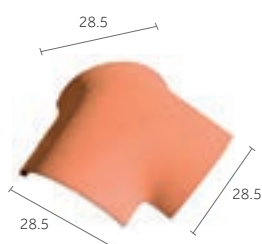
Universal verge
3.2 kg each - Pallet of 284 pieces



Left verge
2.8 kg each - Pallet of 144 pieces



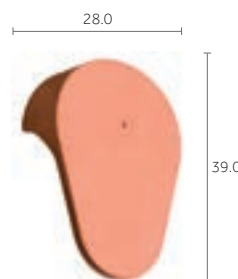
Right verge
2.8 kg each - Pallet of 144 pieces



Universal 3 ridge junction
5.5 kg each



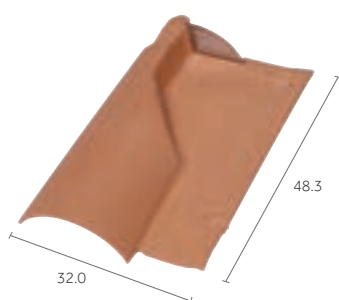
Universal 4 ridge junction
2.65 kg each



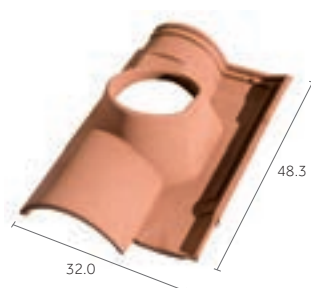
Universal ridge end cap
3.3 kg each



Pinnacle
2.5 kg each



Ventilation tile
4.7 kg each



Thruvent tile
4.7 kg each



Chimney
2.4 kg each



Clay bird stop
0.95 kg each

Klinker Meridional

- The perfect match between the latest production technology and the tradition
- Cutting edge technology: H-Cassette and plaster moulds
- Klinker technology for superior quality

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	12.5
Dimensions (cm)	42.4 x 25.8
Cover width (cm)	21.1
Batten gauge (cm)	36.5
Linear meter of battens/m ²	2.6 to 2.8
Unit weight (kg)	3.15
Weight per m ² (kg)	39.4
Weight per pallet (kg)	1020
Pieces per pallet	320-480
Production site	Almansa
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



12.5/m²

GUARANTEE

**50
YEARS**



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



H-TECHNOLOGY



MADE
IN SPAIN



COLOUR RANGE



NATURAL RED



MAGMA



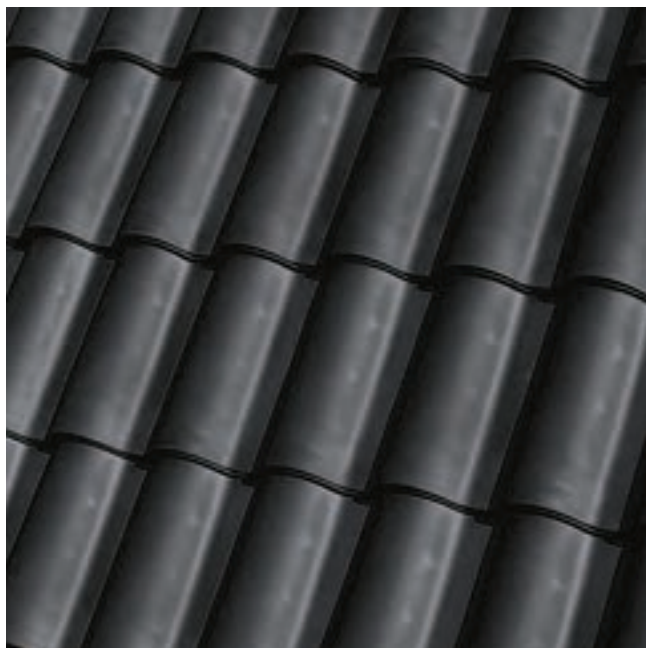
VIEJO CASTILLA



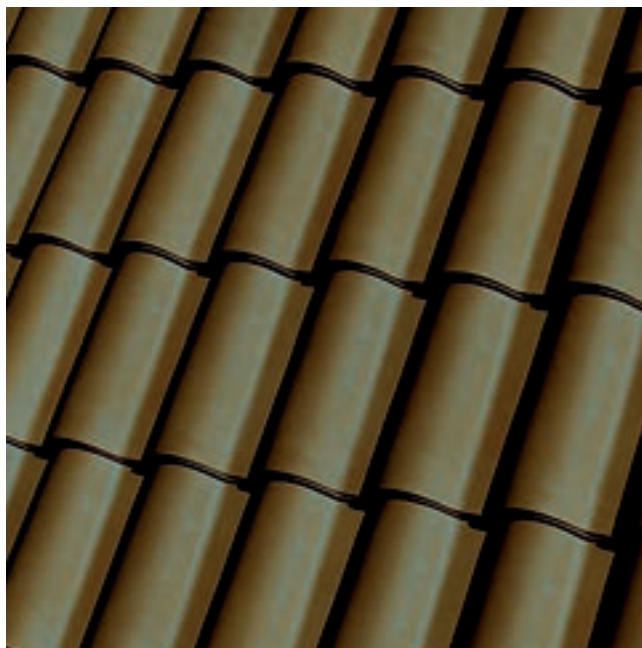
PAYS

Klinker Meridional

COLOUR RANGE



EBANO



HAVANA



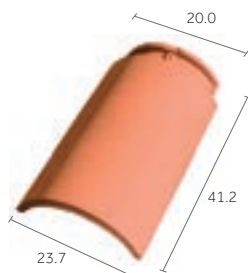
NATURAL RED



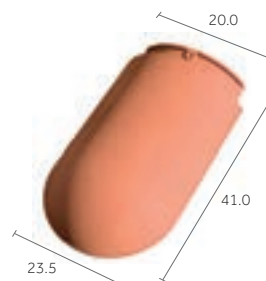
FITTINGS



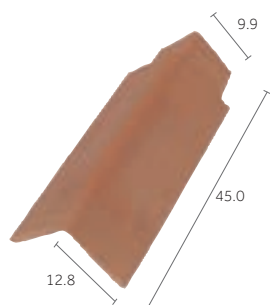
Half-tile
2.4 kg each - Pallet of 120 pieces



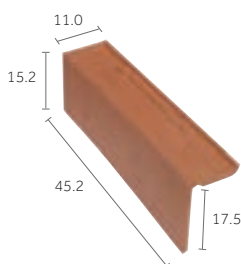
Universal ridge
2.5 kg each - Pallet of 192 pieces



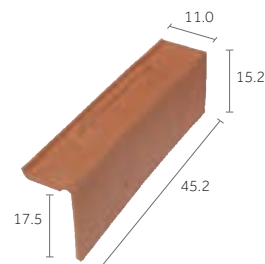
Universal hip end
3.2 kg each



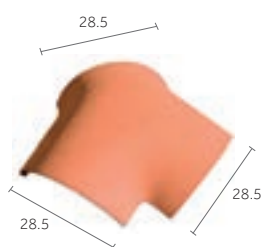
Universal verge
3.6 kg each - Pallet of 284 pieces



Left verge
2.8 kg each - Pallet of 144 pieces



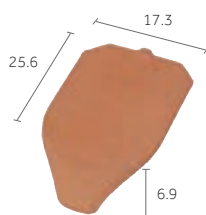
Right verge
2.8 kg each - Pallet of 144 pieces



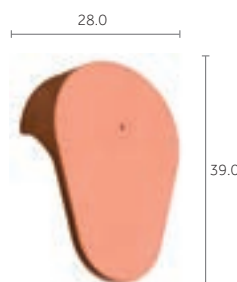
Universal 3 ridge junction
4 kg each



Universal 4 ridge junction
2.65 kg each



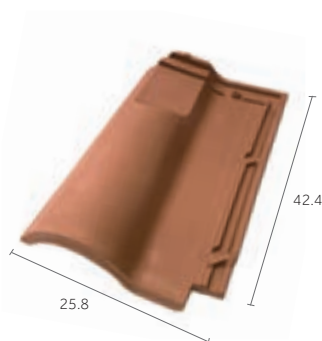
Wedge
1.45 kg each



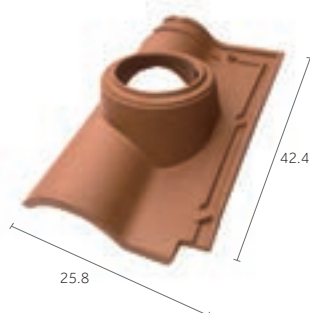
Universal ridge end cap
2.8 kg each



Pinnacle
2.5 kg each



Ventilation tile
3.15 kg each



Truvent tile
4.5 kg each



Chimney
2 kg each



Clay bird stop
0.9 kg each

Lógica Lusa

- The timeless beauty of the tradition
- Cutting edge technology: H-Cassette and plaster moulds
- Minimum water absorption
- Wide colour range

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	12.0
Dimensions (cm)	45.6 x 27.6 (Red and Magma) 45.1 x 27.3 (Other colours)
Cover width (cm)	21.7
Batten gauge (cm)	38.3 (Red and Magma) 37.5 (Other colours)
Linear meter of battens/m ²	2.7
Unit weight (kg)	3.95
Weight per m ² (kg)	47.4
Weight per pallet (kg)	1024
Pieces per pallet	256
Production site	Outeiro
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



12/m²

GUARANTEE

50
YEARS

CE



H-TECHNOLOGY



MADE
IN PORTUGAL



COLOUR RANGE



NATURAL RED



MAGMA



BRANCA



EBANO

Lógica Lusa

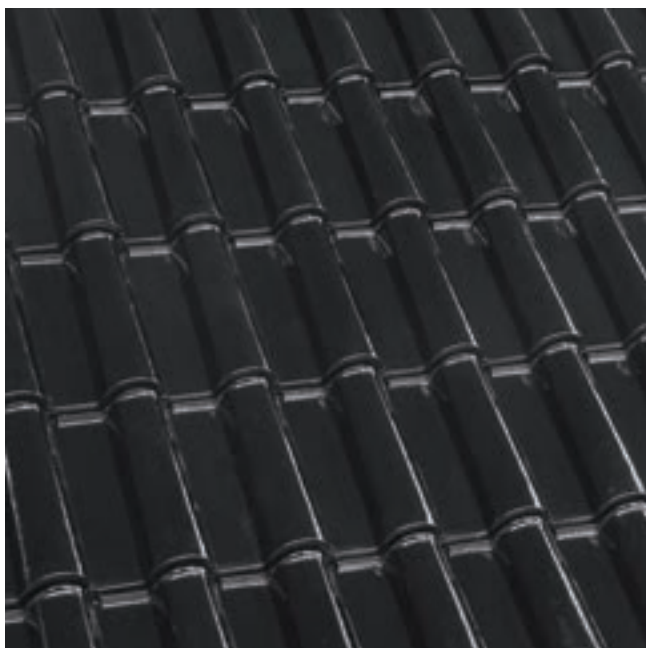
COLOUR RANGE



TOBACCO BROWN



SEMI-GLAZED RUBY



GLAZED GRAFITO



SEMI-GLAZED CANELA

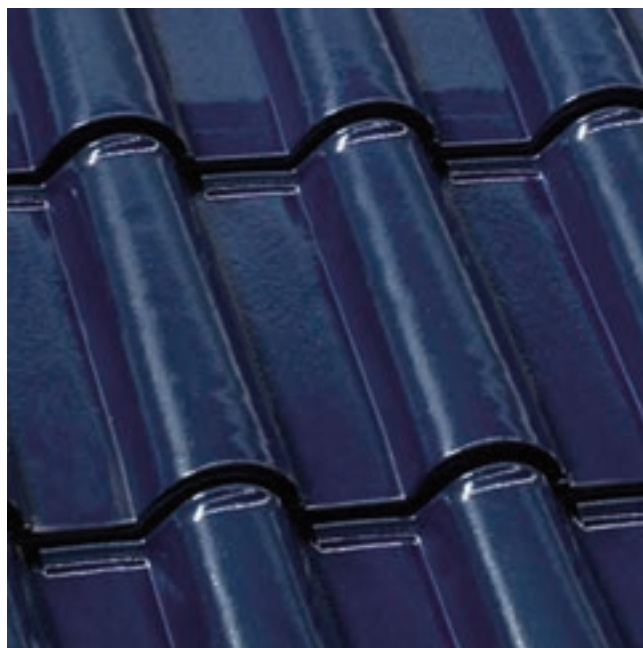
MADE
IN PORTUGAL



COLOUR RANGE



GLAZED AZUL DUBAI



GLAZED AZUL COBALTO

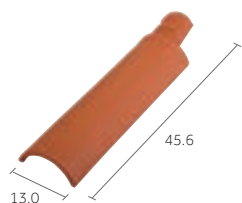


GLAZED ESMERALDA



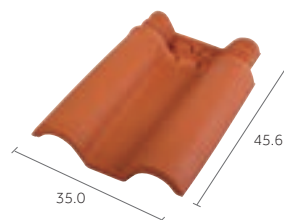
Lógica Lusa

FITTINGS



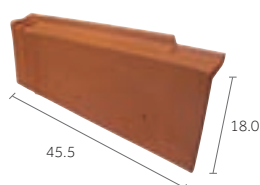
Half tile

2.3 kg each - Pallet of 180 pieces



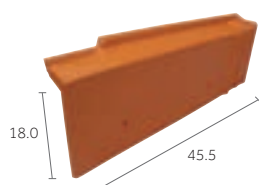
Double tile

5.4 kg each - Pallet of 70 pieces



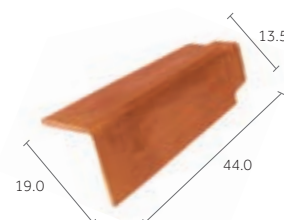
Left verge

2.6/ml
2.9 kg each - Pallet of 212 pieces



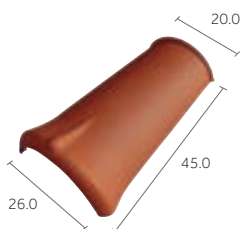
Right verge

2.6/ml
2.9 kg each - Pallet of 212 pieces



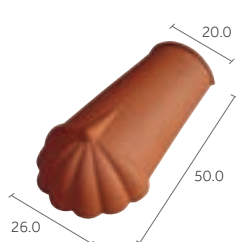
Universal verge

3/ml
3 kg each - Pallet of 284 pieces



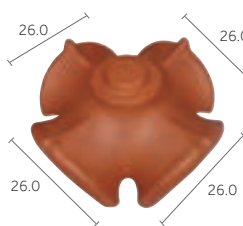
Lusa ridge

2.4/ml
3.8 kg each - Pallet of 156 pieces



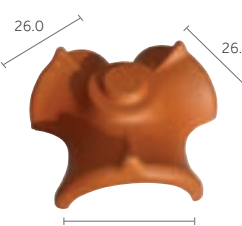
Lusa hip end

3.9 kg each - Pallet of 66 pieces



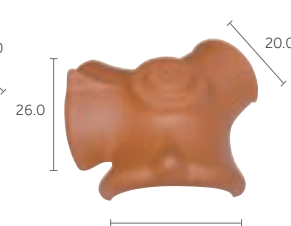
Lusa 4 ridge junction

5.3 kg each - Pallet of 30 pieces



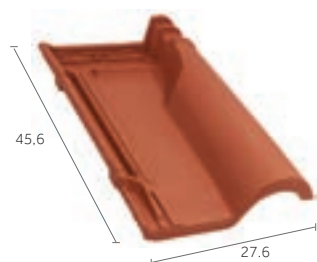
3 ridge junction F

5 kg each - Pallet of 42 pieces



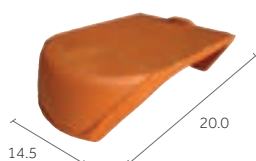
3 ridge junction M/F

4.1 kg each - Pallet of 42 pieces



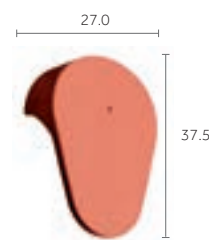
Ventilation tile

4.2 kg each - Pallet of 60 pieces



Wedge

2 x 4.5 ml
1 kg each - Pallet of 630 pieces



Lusa ridge end cap

3.95 kg each - Pallet of 48 pieces



SEMI-GLAZED RUBY

Lusa MG Plus

- The timeless beauty of the tradition
- Cutting edge technology: H-Cassette and plaster moulds
- Minimum water absorption

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	12.5
Dimensions (cm)	44.2 x 26.2
Cover width (cm)	20-26
Batten gauge (cm)	38.0
Linear meter of battens/m ²	2.7
Unit weight (kg)	3.95
Weight per m ² (kg)	49.3
Weight per pallet (kg)	964
Pieces per pallet	240
Production site	Outeiro
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



12.5/m²

GUARANTEE

35
YEARS

CE



H-TECHNOLOGY



MADE
IN PORTUGAL



COLOUR RANGE



NATURAL RED



RUSTICO

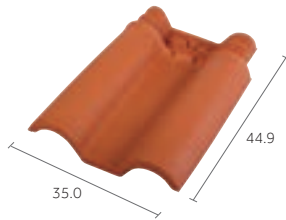
Lusa MG Plus

FITTINGS



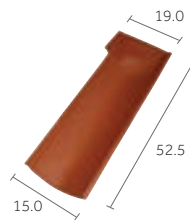
Half tile

2.3 kg each



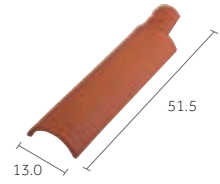
Double tile

5.4 kg each - Pallet of 70 pieces



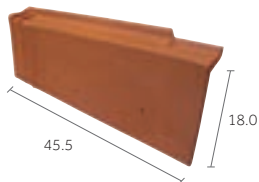
Eaves canal

5/ml
3 kg each - Pallet of 256 pieces



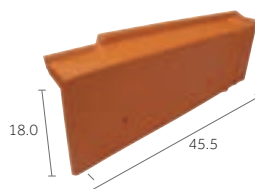
Eaves cover

5/ml
2 kg each - Pallet of 256 pieces



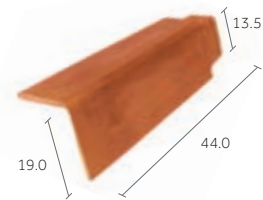
Left verge

2.6/ml
2.9 kg each - Pallet of 212 pieces



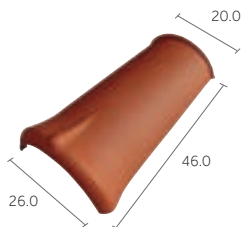
Right verge

2.6/ml
2.9 kg each - Pallet of 212 pieces



Universal verge

2 x 4.5 ml
1 kg each - Pallet of 284 pieces



Lusa ridge

2.4/ml
3.8 kg each - Pallet of 156 pieces



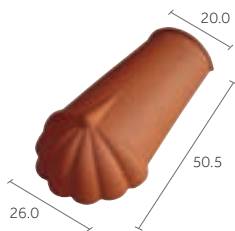
Right ridge 45°

3.7 kg each - Pallet of 42 pieces



Left ridge 45°

3.7 kg each - Pallet of 42 pieces



Hip end

3.9 kg each - Pallet of 66 pieces



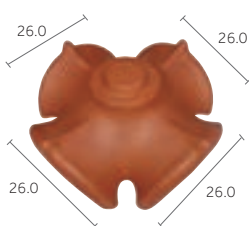
Hipe end right 45°

3.9 kg each - Pallet of 56 pieces



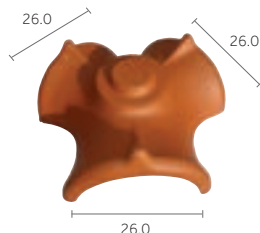
Hipe end left 45°

3.9 kg each - Pallet of 56 pieces



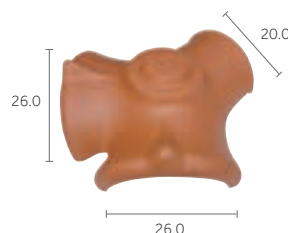
4 ridge junction

5.3 kg each - Pallet of 30 pieces



3 ridge junction F

5 kg each - Pallet of 42 pieces



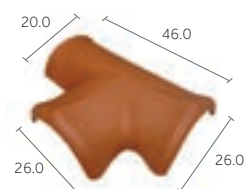
3 ridge junction M/F

4.1 kg each - Pallet of 42 pieces



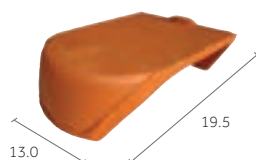
Triangular 3 ridge junction

4.2 kg each - Pallet of 42 pieces



T-ridge

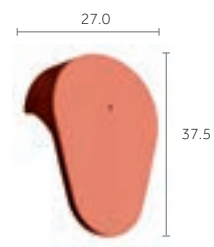
5.1 kg each - Pallet of 50 pieces



Wedge

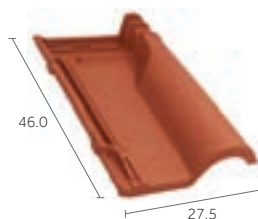
2 x 4.5 ml

1 kg each - Pallet of 630 pieces



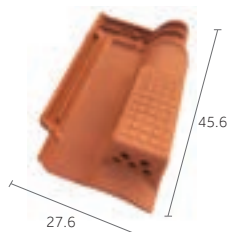
Lusa ridge end cap

3.95 kg each - Pallet of 48 pieces



Ventilation tile

4.2 kg each - Pallet of 60 pieces



Ventilation tile

4.7 kg each - Pallet of 84 pieces



Thruvent tile

Ø 125 mm

4.8 kg each - Pallet of 78 pieces



NATURAL RED

Duna

- Large format tile strong and versatile
- Great impermeability, mechanical strength and frost resistance
- Wide colour range
- Easy to lay, flexible gauge

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	10.5
Dimensions (cm)	45.4 x 28.8
Cover width (cm)	23.4
Batten gauge (cm)	39.3 - 40.1
Linear meter of battens/m ²	2.5
Unit weight (kg)	3.90
Weight per m ² (kg)	41
Weight per pallet (kg)	854
Pieces per pallet	216 - 288
Production site	Toledo
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



10.5/m²

GUARANTEE

35
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN SPAIN



COLOUR RANGE



NATURAL RED



MEDIEVO

Duna

COLOUR RANGE



MISTRAL



PLATEA



PROVENCE



RUSTICO ARENA

MADE
IN SPAIN



COLOUR RANGE



ARENAS OCRE



VALTERRA



VULCANO



MARRON



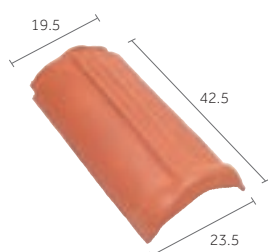
Duna

FITTINGS



Half-tile

2.4 kg each - Pallet of 175 pieces



Classic ridge

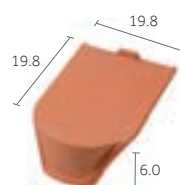
2.5/ml

3.10 kg each - Pallet of 240 pieces



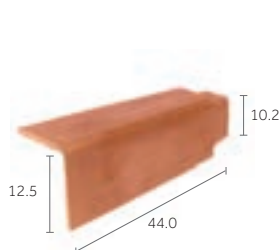
Classic hip end

3.10 kg each



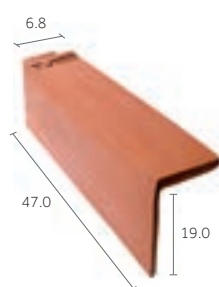
Wedge

0.90 kg each - Pallet of 630 pieces



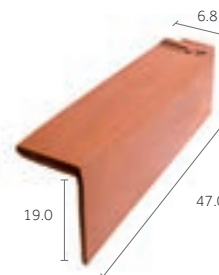
Universal verge

3.1 kg each - Pallet of 284 pieces



Left verge

3.4 kg each - Pallet of 212 pieces



Right verge

3.4 kg each - Pallet of 212 pieces



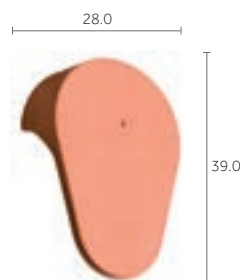
Classic 3 ridge junction

5.5 kg each



Universal 4 ridge junction

2.65 kg each



Ridge end cap

3.3 kg each



Pinnacle

2.5 kg each



Ventilation tile

4.2 kg each



Thruvent tile

4.2 kg each



Chimney

2 kg each



Clay bird stop

0.95 kg each



S 10

- Perfect mix between tradition and efficiency
- Exceptional mechanical resistance
- Suitable for low pitch roof

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	10.5
Dimensions (cm)	45.8 x 28.2
Batten gauge (cm)	40 - 40.8
Unit weight (kg)	3.80
Weight per m ² (kg)	39.4
Weight per pallet (kg)	980
Pieces per pallet	240
Production site	Toledo
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



10.5/m²

GUARANTEE

25
YEARS

CE



MADE
IN SPAIN



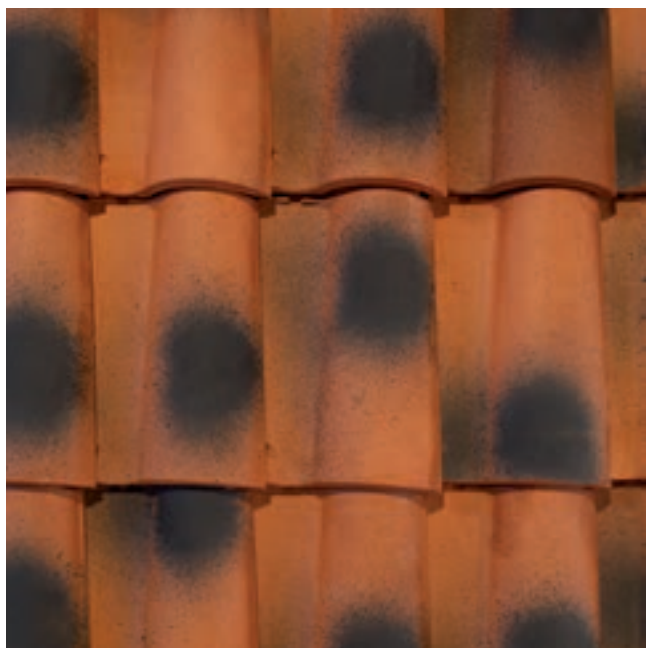
COLOUR RANGE



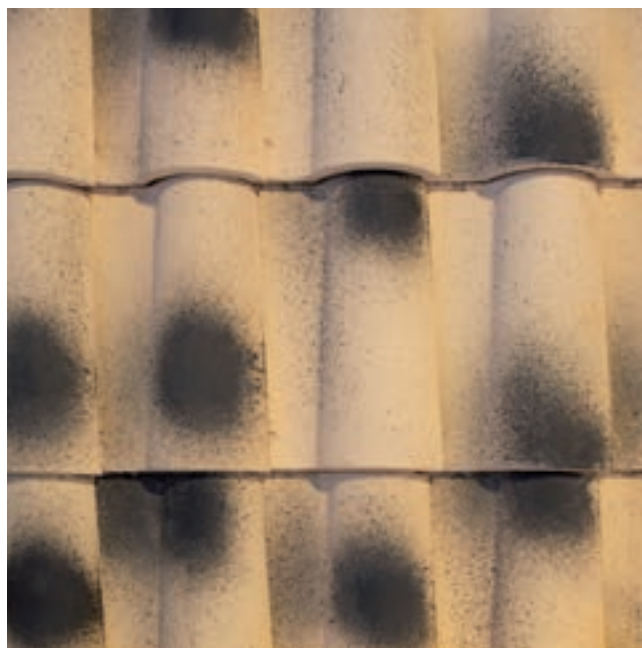
NATURAL RED



ROMA BROWN



ROJO FLAMEADO

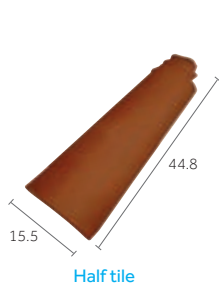


ARENA VIEJO



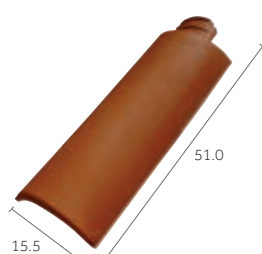
S 10

FITTINGS



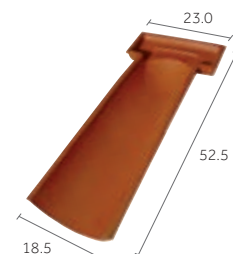
Half tile

2.2 kg each - Pallet of 330 pieces



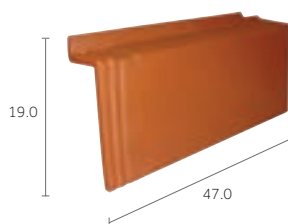
Eaves cover

3.0 kg each - Pallet of 128 pieces



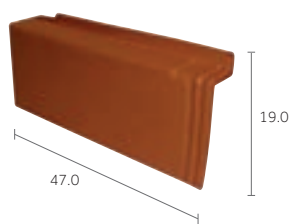
Eaves canal

3.0 kg each - Pallet of 128 pieces



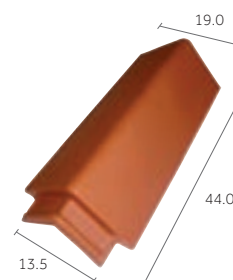
Left verge

3.2 kg each - Pallet of 212 pieces



Right verge

3.2 kg each - Pallet of 212 pieces



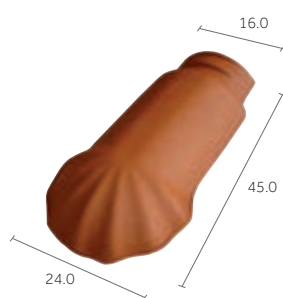
Universal verge

3.0 kg each - Pallet of 284 pieces



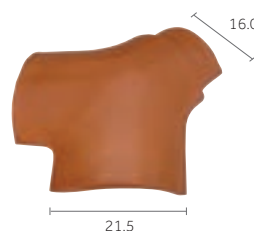
Ridge

3.2 kg each - Pallet of 320 pieces



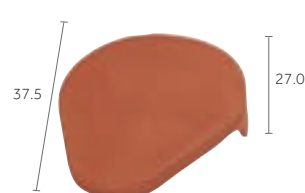
Hip end

3.0 kg each - Pallet of 130 pieces



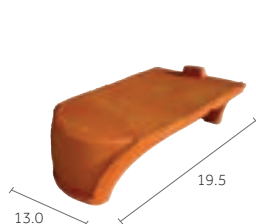
3 ridge junction

3.0 kg each - Pallet of 100 pieces



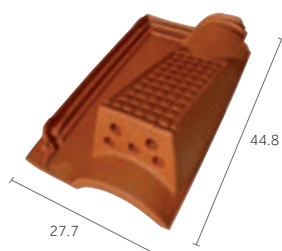
Ridge-end cap

3.9 kg each - Pallet of 48 pieces



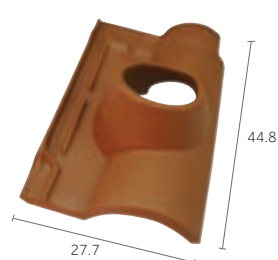
Wedge

2 x 4.5/ml
1.0 kg each - Pallet of 630 pieces



Ventilation tile

5.0 kg each - Pallet of 84 pieces



Thruvent tile

Ø 125 mm
4.0 kg each - Pallet of 78 pieces



Chimney

3.9 kg each - Pallet of 48 pieces



S 12

- Fast and economical installation
- Match between profitability and aesthetic profile
- Flexible application

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	12
Dimensions (cm)	44.4 x 27.5
Batten gauge (cm)	37.5
Unit weight (kg)	3.8
Weight per m ² (kg)	45.6
Weight per pallet (kg)	992
Pieces per pallet	240
Production site	Toledo
Laying	Straight bond
Product standard	EN 1304
Application standard	UNE136020
Minimum roof pitch	25% (14°)

These values are given for information purposes only and may be subject to change.



12/m²

GUARANTEE

25
YEARS

CE



MADE
IN SPAIN



COLOUR RANGE



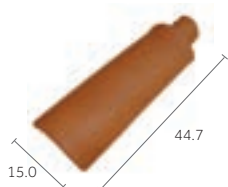
NATURAL RED



NATURAL RED

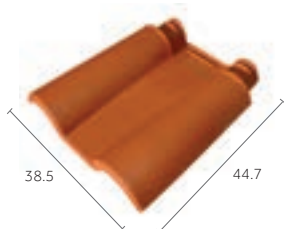
S 12

FITTINGS



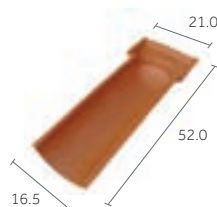
Half tile

3.2 kg each - Pallet of 180 pieces



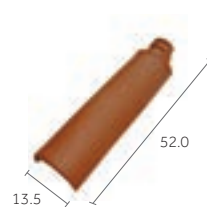
Double tile

6.3 kg each - Pallet of 84 pieces



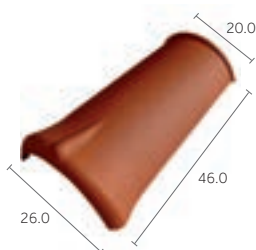
Eaves canal

5/ml
3.7 kg each - Pallet of 140 pieces



Eaves cover

5/ml
3.2 kg each - Pallet of 140 pieces



Ridge

2.5/ml
3.6 kg each - Pallet of 156 pieces



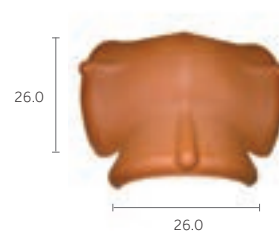
Right ridge 45°

3.3 kg each - Pallet of 42 pieces



Left ridge 45°

3.5 kg each - Pallet of 42 pieces



Triangular 3 ridge junction

4.2 kg each - Pallet of 42 pieces



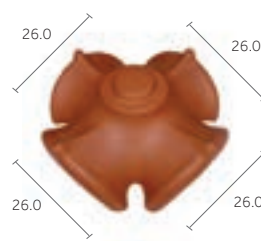
3 ridge junction F

4.0 kg each - Pallet of 42 pieces



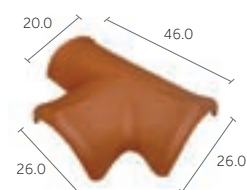
3 ridge junction M/F

3.6 kg each - Pallet of 42 pieces



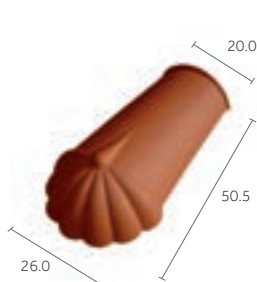
4 ridge junction

4.9 kg each - Pallet of 30 pieces



T-Ridge

3.6 kg each - Pallet of 156 pieces



Hip end

3.7 kg each - Pallet of 66 pieces



Hip end left 45°

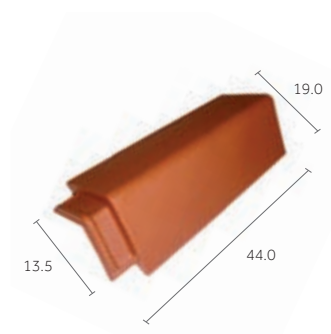
3.7 kg each - Pallet of 56 pieces



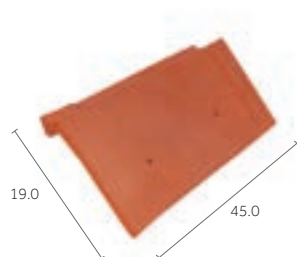
Hip end right 45°

3.7 kg each - Pallet of 56 pieces

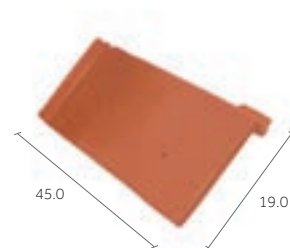
MADE
IN SPAIN



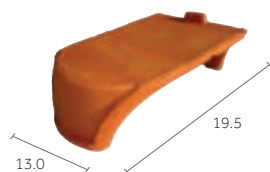
Universal ridge
3/ml
3.0 kg each - Pallet of 284 pieces



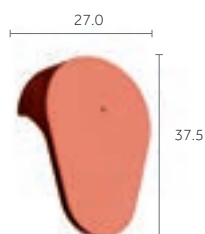
Right verge
3/ml
3.4 kg each - Pallet of 212 pieces



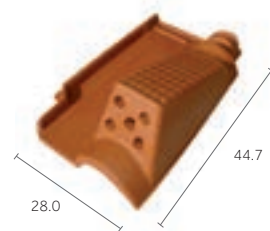
Left verge
3/ml
3.4 kg each - Pallet of 212 pieces



Wedge
2 x 4.5/ml
1.0 kg each - Pallet of 630 pieces



Ridge-end cap
-
3.9 kg each - Pallet of 48 pieces



Ventilation tile
-
5.0 kg each - Pallet of 84 pieces



NATURAL RED

Galleane[®] 10

- Roman curve
- Shade effect on the front cut
- Cutback to resemble the aesthetic of old roof with canal tiles
- Mountain Class

TECHNICAL CHARACTERISTICS

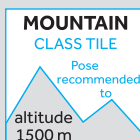
Number of tiles per m ²	≈ 9.9 to 11.3
Dimensions (cm)	47.3 x 31.7
Cover width (cm)	25 to 26.5
Batten gauge (cm)	35.3 to 38.3
Linear meter of battens/m ²	2.6 to 2.8 ml
Unit weight (kg)	≈ 4.5
Weight per m ² (kg)	44.5 to 50.9
Weight per pallet (kg)	650
Pieces per pallet	144
Production site	Marseille
Laying	Laid with straight joints left to right
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	19% (10°76')

These values are given for information purposes only and may be subject to change.



≈10/m²

GUARANTEE
30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE[®] approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



AUORE (8A)



AUTHENTIQUE (6Z)



CUIVRE (9Y)



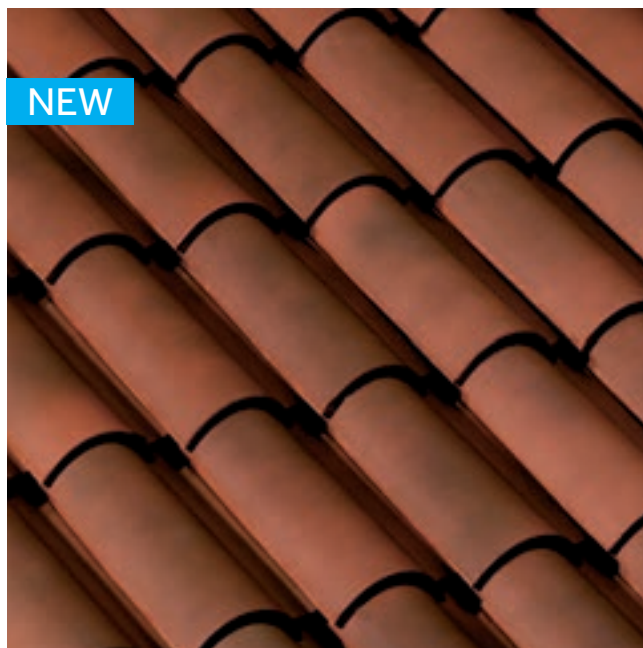
ROSE (1A)

Galleane® 10

COLOUR RANGE



ROUGE SYRAH (8K)



ROUGE FLAMMÉ (2G)**



SILVACANE LITTORAL (5A)



TERRE D'OCRES (5W)

Restricted range of accessories:

* GS002 - GS031/GS032 - GS037/GS038 - GS111 - GS112 - GS215 - AK134 - AK171 - AK172 - AK175 - AK178 - AK191 - AK192 - AK197 - AK201 - AK206 - AK277 - AK295 - AK296 - AM260
 ** GS002/AM031-32/AM260/AK134/AK191-192

MADE
IN FRANCE



COLOUR RANGE



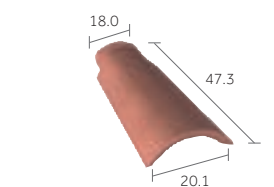
TOITS DU SUD (7T)*



AUTHENTIQUE

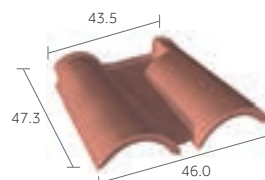
Galleane® 10

VERGE TILE



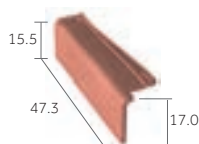
Half-tile
(Used as a canal cover for eave finition)

2.7/ml
2.6 kg each - Pallet of 150 pieces



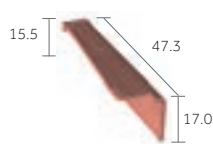
Double tile
(Some colours)

2.7/ml
6.2 kg each - Pallet of 40 pieces



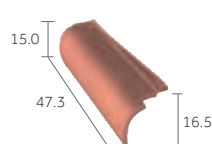
Left cloaked verge

2.7/ml
2.5 kg each - Pallet of 120 pieces



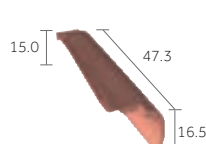
Right cloaked verge

2.7/ml
2.5 kg each - Pallet of 120 pieces



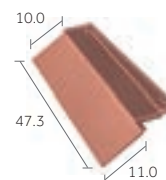
Left round verge

2.7/ml
2.7 kg each - Pallet of 120 pieces



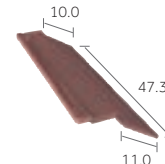
Right round verge

2.7/ml
2.8 kg each - Pallet of 120 pieces



Left bardelis verge

2.7/ml
2.1 kg each - Pallet of 140 pieces



Right bardelis verge

2.7/ml
2.1 kg each - Pallet of 140 pieces



Europanneton®ABO Inox

Box of 250 pieces
2.8 kg



Clip E

Box of 200 pieces
2.2 kg



Screw 50

Box of 250 pieces
1.5 kg

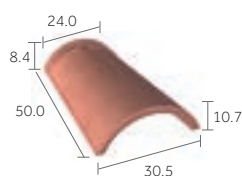


Screw 70

Box of 250 pieces
1.5 kg

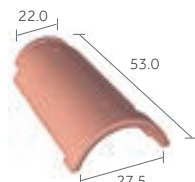
RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a clip or screw. The end cap, the ridge end cap or the end cap for end ridge must be systematically fastened to the frame.



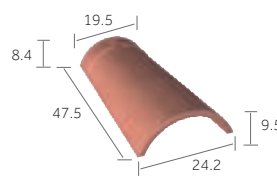
Conical ridge/hip tile 50

2.4/ml
4.3 kg each - Pallet of 75 pieces



Half round ridge/hip tile 50

2/ml
4.5 kg each - Pallet of 80 pieces



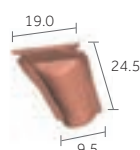
Conical ridge/hip tile 40

2.6/ml
3 kg each - Pallet of 120 pieces



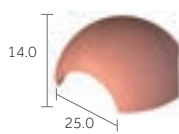
Clip for hip/ridge 40 or 50

Box of 100 pieces
3 kg



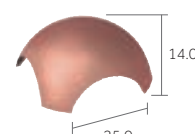
"Casson"

4.3/ml
1.5 kg each - Pallet of 200 pieces



3 way apex

-
4.1 kg each



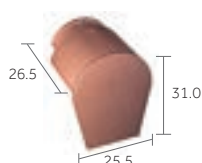
4 way apex

-
4.1 kg each

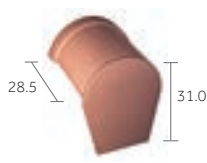


RIDGES, HIPS & END CAPS

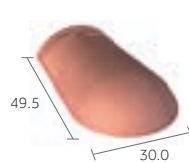
FOR CONICAL RIDGE/HIP TILE 50 or HALF ROUND RIDGE/HIP TILE 50



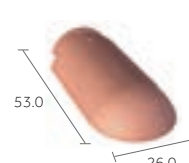
Half round end ridge 50
(Beginning)
4.5 kg each



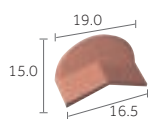
Half round end ridge 50
(End)
4.5 kg each



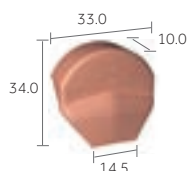
Hip starter for conical
ridge/hip tile 50
4 kg each



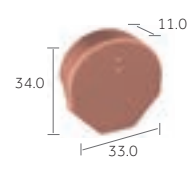
Hip starter for half round
ridge/hip tile 50
4.2 kg each



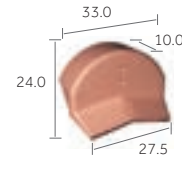
End cap for bardelis verge
for half round ridge/hip
tile 50
0.8 kg each



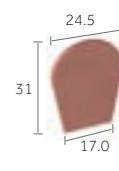
End for round verge
(Large model) for conical
half round ridge/hip tile 50
3.3 kg each



End for cloaked verge
(Large model) for conical
half round ridge/hip tile 50
2.5 kg each

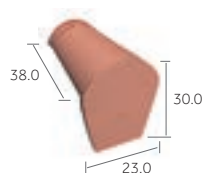


End for bardelis verge
(Large model) for half round
ridge/hip tile 50
2.5 kg each

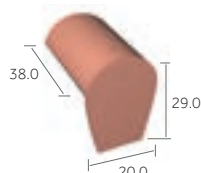


End cap
for half round ridge/hip
tile 50
1.3 kg each

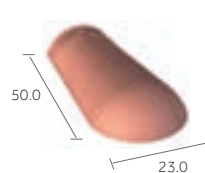
FOR CONICAL RIDGE/HIP TILE 40



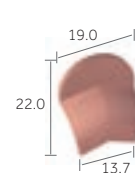
Conical end ridge 40
(Beginning)
5.1 kg each - Pallet of 48 pieces



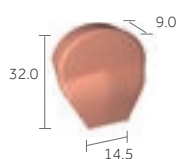
Conical end ridge 40
(End)
5.1 kg each - Pallet of 48 pieces



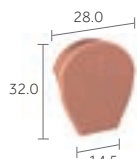
Hip starter for conical ridge/hip
tile 40
3.2 kg each



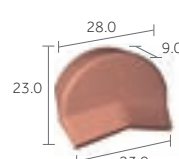
End round cap
for conical ridge/hip tile 40
0.8 kg each



End for round verge
for conical half round ridge/hip tile 40
(Small model)
3.1 kg each - Pallet of 75 pieces



End for verge with return
for conical half round ridge/hip tile 40
(Small model)
3.1 kg each - Pallet of 75 pieces



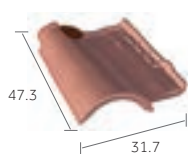
End for bardelis verge
for conical half round ridge/hip tile 40
(Small model)
2.6 kg each - Pallet of 75 pieces

ILLUMINATION

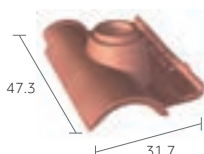


Glass roof tile
6.3 kg/each

VENTILATION & AERATION



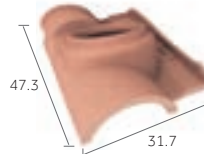
Ventilation tile with grid
(opening 23 cm²)
4.3 kg each - Pallet of 48 pieces



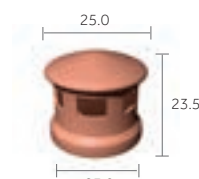
Through tile
(Ø 100 mm)
4.5 kg each



Ventilation cap
(Ø 100 mm)
2.5 kg each - Pallet of 144 pieces



Through tile
(Ø 150 mm)
8 kg each



Lantern D150/D160
(Ø 150/160 mm)
3.5 kg each



AGUILA
(Roof exit Ø 150/160 mm)
0.4 kg each - Pallet of 72 pieces

Occitane

- Marked projection on the flare
- "Well-rounded" profile
- Fitting tolerance
- Double side release

TECHNICAL CHARACTERISTICS

Number of tiles per m² ≈ 9.8 to 10.3

Dimensions (cm) 47.7 x 30.2

Cover width (cm) 23.2 to 23.8

Batten gauge (cm) 42.1 to 42.9

Linear meter of battens/m² 2.3 to 2.4 ml

Unit weight (kg) ≈ 4.2

Weight per m² (kg) 41.2 to 43.3

Weight per pallet (kg) 760

Pieces per pallet 180

Production site Limoux-Massia

Laying Laid with straight joints right to left

Product standard NF EN 1304

Application standard NF P 31-202 [DTU 40.21]

Minimum roof pitch 19% (10°76')

These values are given for information purposes only and may be subject to change.



≈ 10/m²

GUARANTEE

30
YEARS



CE

FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



ROUGE VIEILLI (7E)



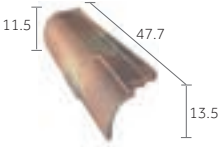
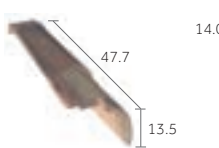

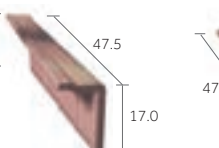
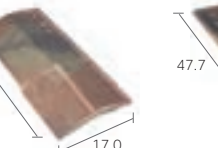
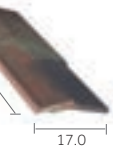
SILVACANE LITTORAL (5A)

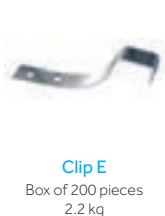


SILVACANE LITTORAL

Occitane



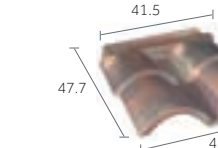


VERGE TILE

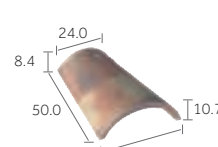




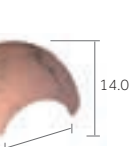
					
Left round verge 2.4/ml 2.7 kg each - Pallet of 125 pieces	Right round verge 2.4/ml 2.7 kg each - Pallet of 125 pieces	Left cloaked verge 2.4/ml 2.2 kg each - Pallet of 120 pieces	Right cloaked verge 2.4/ml 2.2 kg each - Pallet of 120 pieces	Left bardelis verge 2.4/ml 2.2 kg each - Pallet of 140 pieces	Right bardelis verge 2.4/ml 2.2 kg each - Pallet of 140 pieces




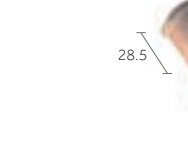
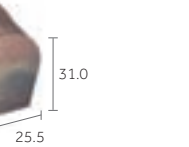
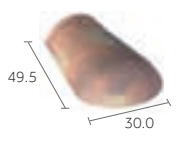
RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a clip or screw. The end cap, the ridge end cap or the end cap for end ridge must be systematically fastened to the frame.

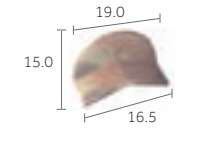

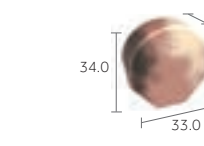
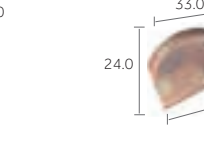
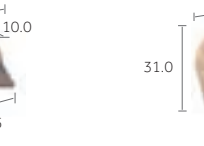
				
Top-course tile 4.3/ml 4.5 kg each - Pallet of 60 pieces	Half top-course tile - 4.5 kg each	Top-course double tile - 5.7 kg each	Clip E for hip/ridge 40 or 50 Box of 100 pieces 3 kg	Shed-type verge 2.6/ml 3.3 kg each - Pallet of 75 pieces

					
Conical ridge/hip tile 50 2.4/ml 4.3 kg each - Pallet of 75 pieces	Half round ridge/hip tile 50 2/ml 4.5 kg each - Pallet of 80 pieces	Conical ridge/hip tile 40 2.5/ml 3 kg each - Pallet of 120 pieces	"Casson" 4.3/ml 1.5 kg each - Pallet of 200 pieces	3 way apex - 4.1 kg each	4 way apex - 4.1 kg each

FOR CONICAL RIDGE/HIP TILE 50 or HALF ROUND RIDGE/HIP TILE 50

			
Half round end ridge 50 (Beginning) 4.5 kg each	Half round end ridge 50 (End) 4.5 kg each	Hip starter for conical ridge/hip tile 50 4 kg each	Hip starter for half round ridge/hip tile 50 4.2 kg each

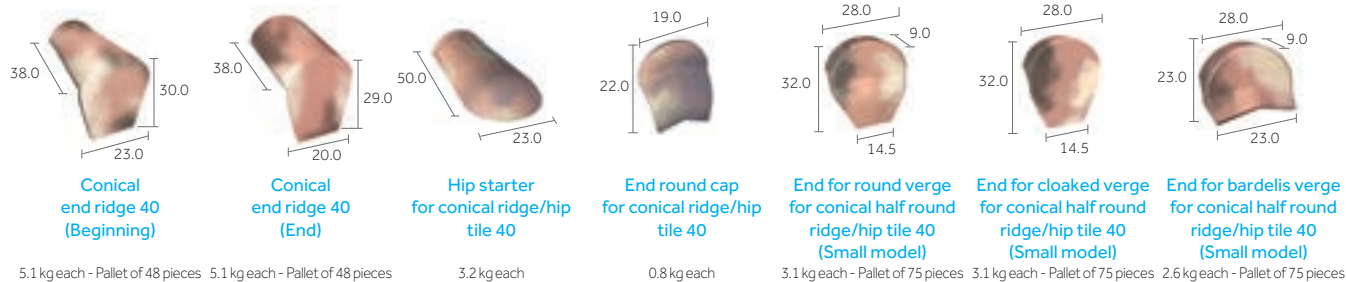
FOR CONICAL RIDGE/HIP TILE 50 or HALF ROUND RIDGE/HIP TILE 50

				
End cap for bardelis verge for half round ridge/hip tile 50 0.8 kg each	End for round verge for conical half round ridge/hip tile 50 (Large model) 3.3 kg each	End for cloaked verge for conical half round ridge/hip tile 50 (Large model) 2.5 kg each	End for bardelis verge for half round ridge/hip tile 50 (Large model) 2.5 kg each	End cap for half round ridge/hip tile 50 1.3 kg each

MADE
IN FRANCE



FOR CONICAL RIDGE/HIP TILE 40



VENTILATION, AERATION & ILLUMINATION



SILVACANE LITTORAL

Galleane[®] 12

- Roman curve
- Shade effect on the front cut
- Cutback to resemble the aesthetic of old roof with canal tiles
- Mountain Class

TECHNICAL CHARACTERISTICS

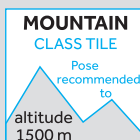
Number of tiles per m ²	≈ 11.4 to 13.2
Dimensions (cm)	47.3 x 28.5
Cover width (cm)	21.5 to 23
Batten gauge (cm)	35 to 38
Linear meter of battens/m ²	2.6 to 2.8 ml
Unit weight (kg)	≈ 3.8
Weight per m ² (kg)	43.3 to 50.2
Weight per pallet (kg)	690
Pieces per pallet	180
Production site	Limoux-Massia
Laying	Laid with straight joints left to right
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	19% (10°76')

These values are given for information purposes only and may be subject to change.



≈ 12/m²

GUARANTEE
30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE[®] approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



CUIVRE (9Y)



PIERRE DE SOLEIL (7P)



ROUGE (18)



ROUGE OCCITAN (8H)

Galleane® 12

COLOUR RANGE



ROUGE VIEILLI (5D)



SILVACANE LITTORAL (5A)



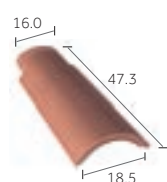
SILVACANE XAHARA (5X)



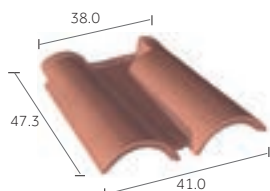
TOITS DU SUD (7T)



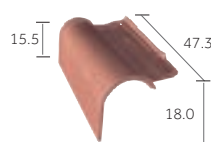
VERGE TILE



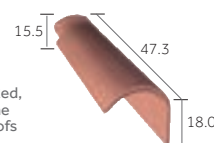
Half-tile
(Used as a canal cover for eave finition)
2.7/ml
2.4 kg each - Pallet of 150 pieces



Double tile
2.7/ml
4.3 kg each - Pallet of 50 pieces

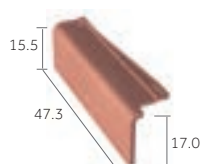


Left verge tile
2.7/ml
5 kg each - Pallet of 54 pieces

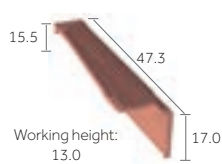


Right verge tile (1/2 verge tile)
2.7/ml
3.8 kg each - Pallet of 84 pieces

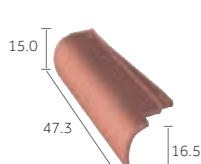
Colours :
Copper, Occitan Red,
Coastal Silvacane
and Southern Roofs



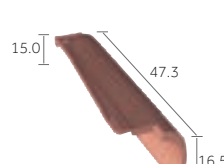
Left cloaked verge
2.7/ml
2.5 kg each - Pallet of 120 pieces



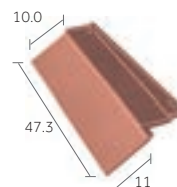
Right cloaked verge
2.7/ml
2.5 kg each - Pallet of 120 pieces



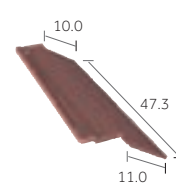
Left round verge
2.7/ml
2.7 kg each - Pallet of 120 pieces



Right round verge
2.7/ml
2.8 kg each - Pallet of 120 pieces



Left bardelis verge
2.7/ml
2.1 kg each - Pallet of 140 pieces



Right bardelis verge
2.7/ml
2.1 kg each - Pallet of 140 pieces



Europanneton® TER Inox
Box of 250 pieces
2.8 kg



Clip E
Box of 200 pieces
2.2 kg



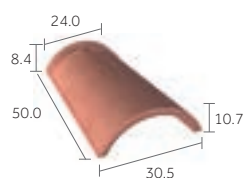
Screw 50
Box of 250 pieces
1.5 kg



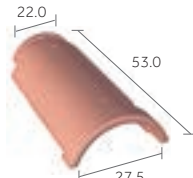
Screw 70
Box of 250 pieces
1.5 kg

RIDGES, HIPS & END CAPS

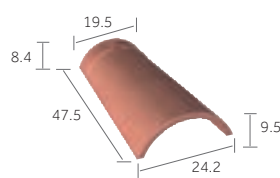
The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a clip or screw.
The end cap, the ridge end cap or the end cap for end ridge must be systematically fastened to the frame.



Conical ridge/hip tile 50
2.4/ml
4.3 kg each - Pallet of 75 pieces



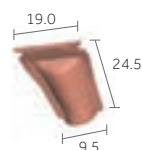
Half round ridge/hip tile 50
2/ml
4.5 kg each - Pallet of 80 pieces



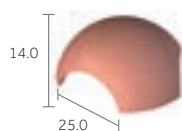
Conical ridge/hip tile 40
2.5/ml
3 kg each - Pallet of 120 pieces



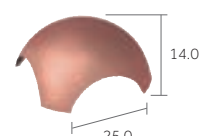
Clip for hip/ridge 40 or 50
Box of 100 pieces
3 kg



"Casson"
4.3/ml
1.5 kg each - Pallet of 200 pieces



3 way apex
-
4.1 kg each

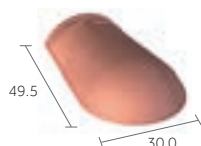


4 way apex
-
4.1 kg each

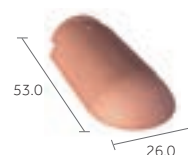
Galleane® 12

RIDGES, HIPS & END CAPS

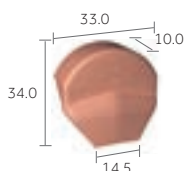
FOR CONICAL RIDGE/HIP TILE 50 or HALF ROUND RIDGE/HIP TILE 50



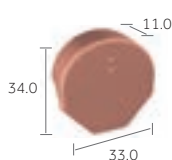
Hip starter for conical
ridge/hip tile 50
4 kg each



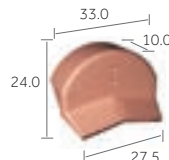
Hip starter for half round
ridge/hip tile 50
4.2 kg each



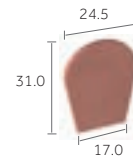
End for round verge
for conical half round ridge/hip tile 50
(Large model)
3.3 kg each



End for cloaked verge
for conical half round ridge/hip tile 50
(Large model)
2.5 kg each

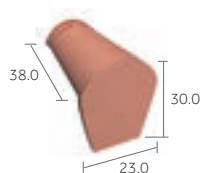


End for bardelis verge
for half round ridge/hip tile 50
(Large model)
2.5 kg each

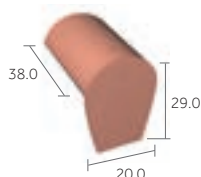


End cap
for half round ridge/hip
tile 50
1.3 kg each

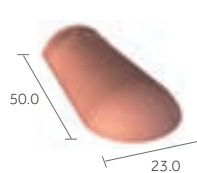
FOR CONICAL RIDGE/HIP TILE 40



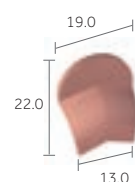
Conical end ridge 40
(Beginning)
5.1 kg each - Pallet of 48 pieces



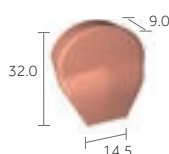
Conical end ridge 40
(End)
5.1 kg each - Pallet of 48 pieces



Hip starter for conical ridge/hip
tile 40
3.2 kg each



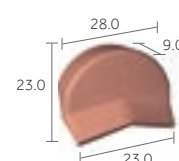
End round cap
for conical ridge/hip tile 40
0.8 kg each



End for round verge
for conical half round ridge/hip tile 40
(Small model)
3.1 kg each - Pallet of 75 pieces

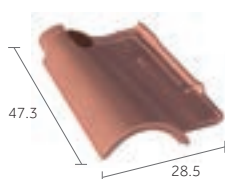


End for verge with return
for conical half round ridge/hip tile 40
(Small model)
3.1 kg each - Pallet of 75 pieces

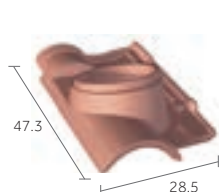


End for bardelis verge
for conical half round ridge/hip tile 40
(Small model)
2.6 kg each - Pallet of 75 pieces

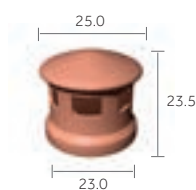
VENTILATION, AERATION & ILLUMINATION



Ventilation tile with grid
(opening 16 cm²)
3.4 kg each - Pallet of 54 pieces



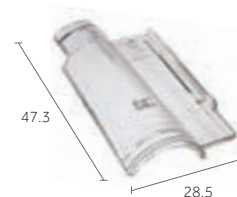
Through tile
(Ø 150 mm)
4 kg each



Lantern D150/D160
(Ø 150/160 mm)
3.5 kg each



NEW
AGUILA
(Roof exit Ø 150/160 mm)
0.4 kg each - Pallet of 72 pieces



Glass roof tile
5.2 kg each



SILVACANE LITTORAL

Fériane®

- The largest longitudinal assembly clearance in its class up to 4 cm
- 100% authentic aesthetics
- Large curve
- Easy to install

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 11.3 to 13.2
Dimensions (cm)	48 x 29
Cover width (cm)	22 to 23
Batten gauge (cm)	34.5 to 38.5
Linear meter of battens/m ²	2.6 to 2.9 ml
Unit weight (kg)	≈ 4.1
Weight per m ² (kg)	46.3 to 54.1
Weight per pallet (kg)	740
Pieces per pallet	180
Production site	Roumazières
Laying	Laid with straight joints left to right
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	19% (10°76')

These values are given for information purposes only and may be subject to change.



≈12/m²

GUARANTEE
30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



COLORADO (8W)



GRENADE (7W)



ROUGE (18)



TONS VARIÉS ATLANTIQUE (3X)

Fériane®

COLOUR RANGE



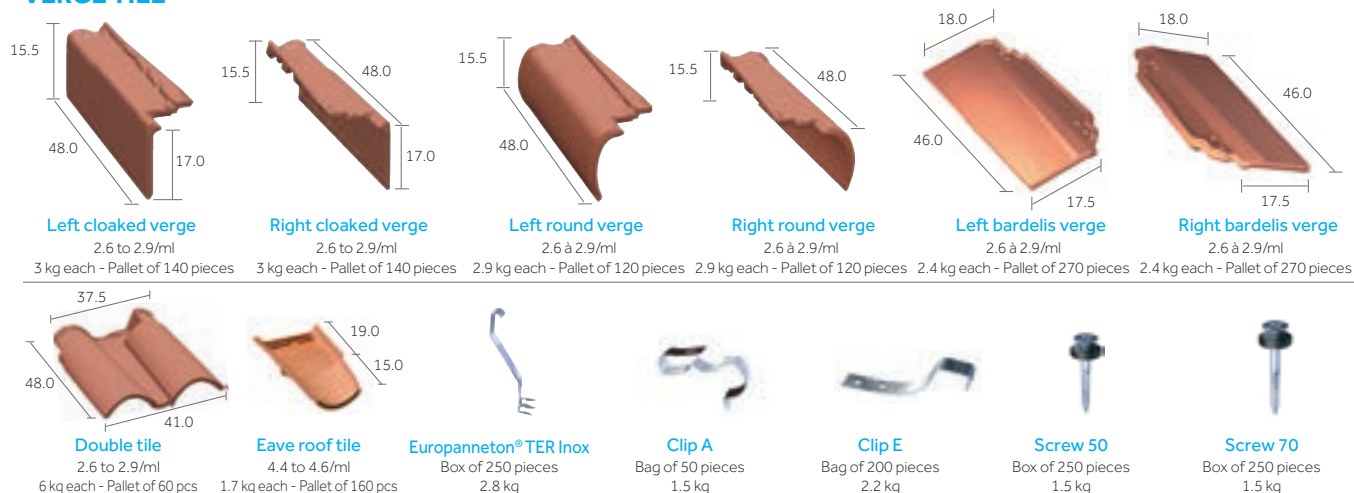
SILVACANE LITTORAL (6A)



ROUGE

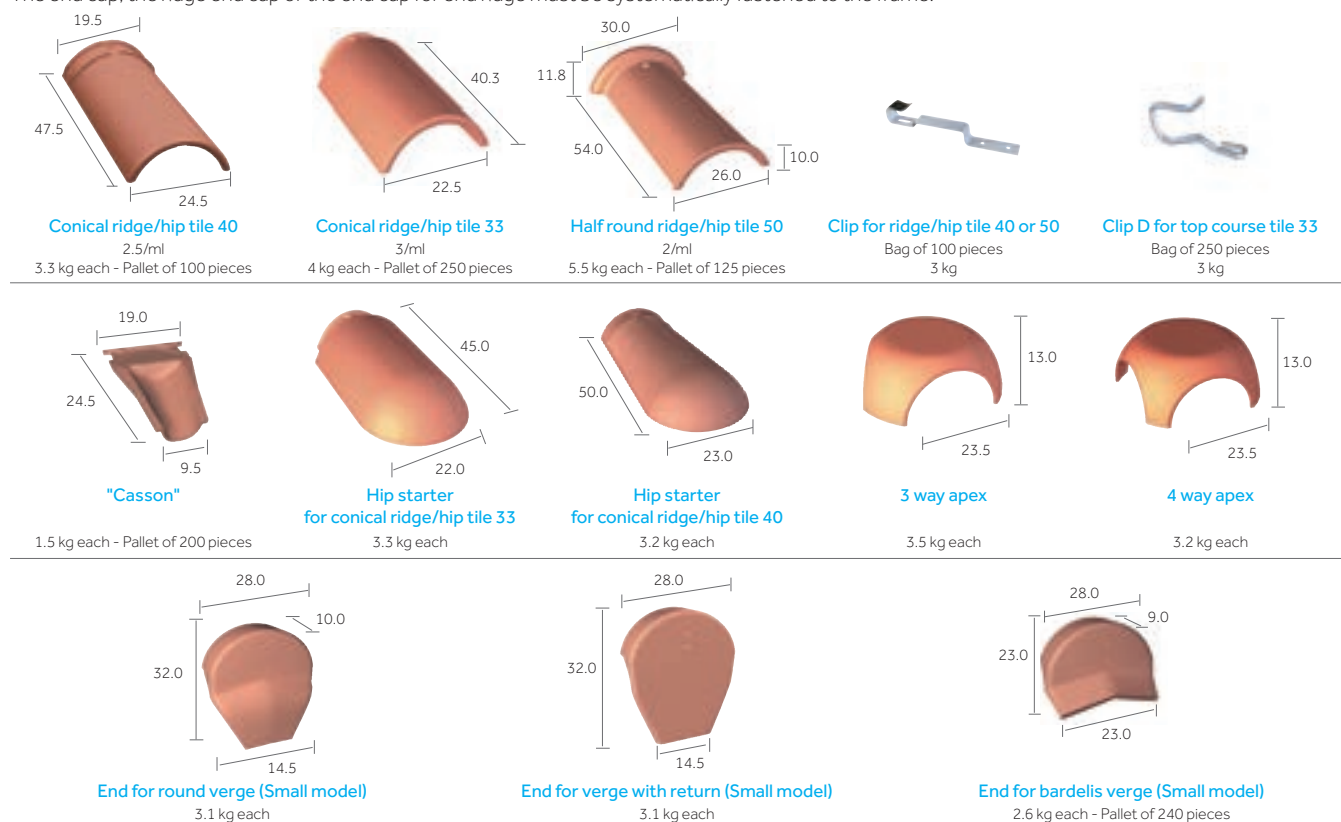


VERGE TILE

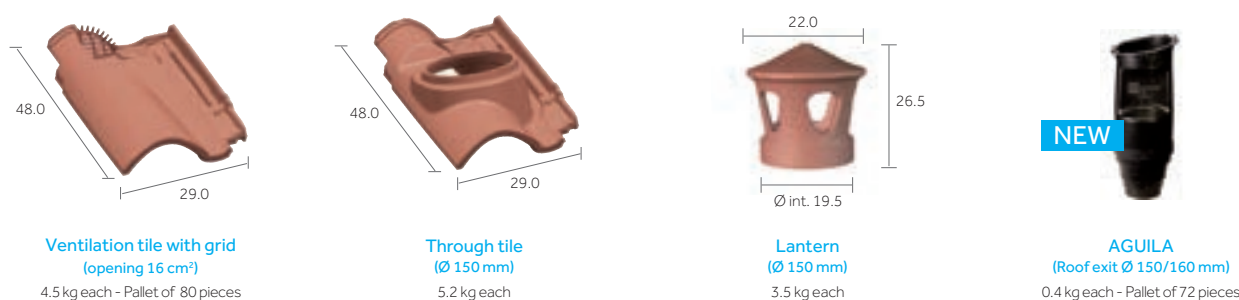


RIDGES, HIPs & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be fastened with a screw. The end cap, the ridge end cap or the end cap for end ridge must be systematically fastened to the frame.



VENTILATION & AERATION



Gallo-Romane

- Traditional profile with proven track record
- Clean-cut interlocking design
- Outstanding finishes

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	≈ 12.4 to 13
Dimensions (cm)	44 x 28
Cover width (cm)	21.5 to 21.7
Batten gauge (cm)	35.8 to 36.8
Linear meter of battens/m ²	2.7 to 2.8 ml
Unit weight (kg)	≈ 3.4
Weight per m ² (kg)	42.2 to 44.2
Weight per pallet (kg)	820
Pieces per pallet	240
Production site	Roumazières
Laying	Laid with straight joints right to left
Product standard	NF EN 1304
Application standard	NF P 31-202 [DTU 40.21]
Minimum roof pitch	19% (10°76')

These values are given for information purposes only and may be subject to change.



≈12.7/m²

GUARANTEE
30
YEARS



FDES / EDP
CLAY TILE

For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN FRANCE



COLOUR RANGE



ROUGE (1B)



SILVACANE LITTORAL (6A)



SILVACANE XAHARA (6B)



TONS VARIÉS ATLANTIQUE (3X)

* Restricted range of accessories:
GL010-031-032-035-036-039-040 / AR172-174-134-136-196-148-195-260 / SO098 / GL111-113 / AR139 / AV119 / AV204 / AV203

Gallo-Romane

COLOUR RANGE



BRUN MASSE (3F)



BRUN VIEILLI (6L)



OCRE (1D)



NOIR* (3G)

MADE
IN FRANCE



COLOUR RANGE



VALMAGNE BEIGE (6E)



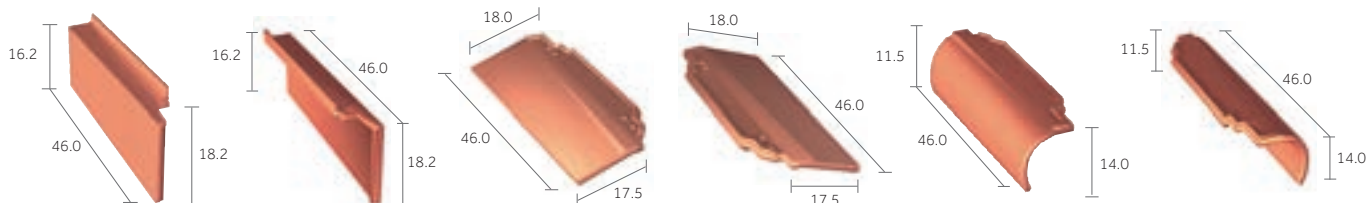
VALMAGNE CUIVRE (6C)



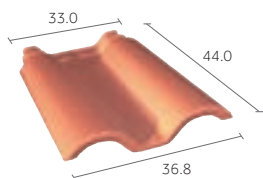
VALMAGNE BEIGE

Gallo-Romane

VERGE TILE



Left cloaked verge 2.8/ml 3 kg each - Pallet of 200 pieces	Right cloaked verge 2.8/ml 3 kg each - Pallet of 200 pieces	Left bardelis verge 2.6 à 2.9/ml 2.4 kg each - Pallet of 270 pieces	Left bardelis verge 2.6 à 2.9/ml 2.4 kg each - Pallet of 270 pieces	Left round verge 2.8/ml 2.9 kg each - Pallet of 150 pieces	Right round verge 2.8/ml 2.9 kg each - Pallet of 150 pieces
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Double tile

2.8/ml
5 kg each - Pallet of 300 pieces



Europanneton®FCR Inox

Box of 250 pieces
2.8 kg



Clip A

Bag of 50 pieces
1.5 kg



Clip E

Bag of 200 pieces
2.2 kg



Screw 50

Box of 250 pieces
1.5 kg

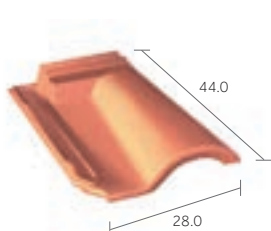


Screw 70

Box of 250 pieces
1.5 kg

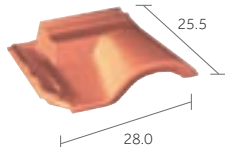
RIDGES, HIPS & END CAPS

The ridge courses are made by cutting the tiles closest to the ridge board. All ridges and hips must be be fastened with a screw.



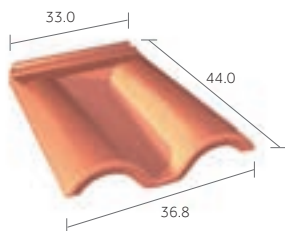
Top-course tile

4.6/ml
3.8 kg each - Pallet of 240 pieces



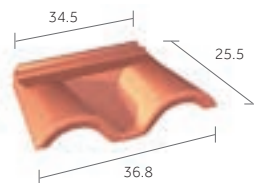
Half gauge top-course tile

4.6/ml
2.4 kg each - Pallet of 335 pieces



Top-course double tile

5 kg each



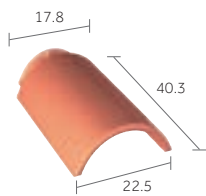
Half gauge double top-course tile

3.2 kg each



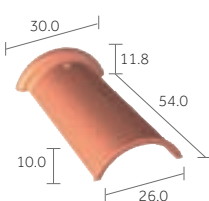
Clip D for top course tile 33

Bag of 250 pieces
3 kg



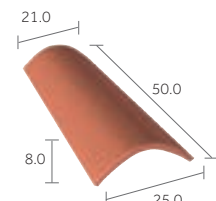
Ridge/hip tile 33

3/ml
4 kg each - Pallet of 250 pieces



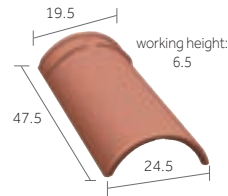
Half-round ridge tile of 50

2/ml
5.5 kg each - Pallet of 125 pieces



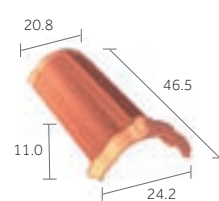
Round ridge of 50

2.3/ml
3.6 kg each - Pallet of 200 pieces



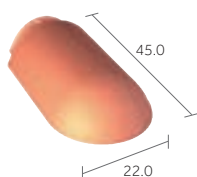
Half round ridge/hip tile 40

2.5/ml
3.3 kg each - Pallet of 100 pieces



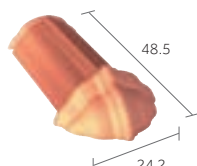
Interlocking hip tile 40

2.5/ml
3.5 kg each - Pallet of 160 pieces



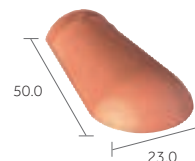
Hip starter for conical ridge/hip tile 33

3.3 kg each



Interlocking end hip 40

3.3 kg each



Hip starter for conical ridge/hip tile 40

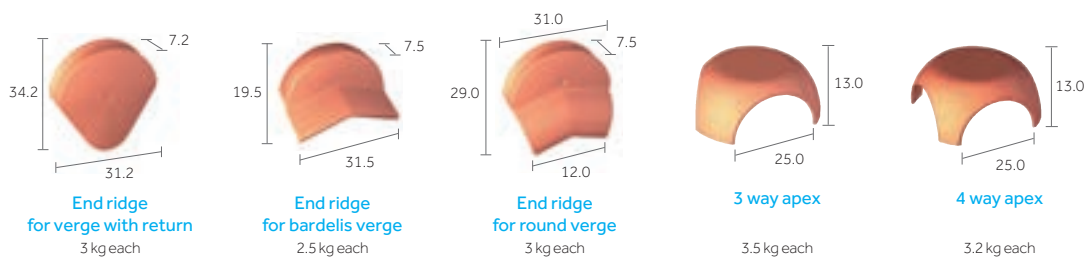
3.2 kg each

Available only
in BLACK colour

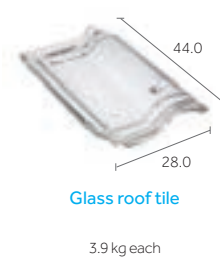
MADE
IN FRANCE



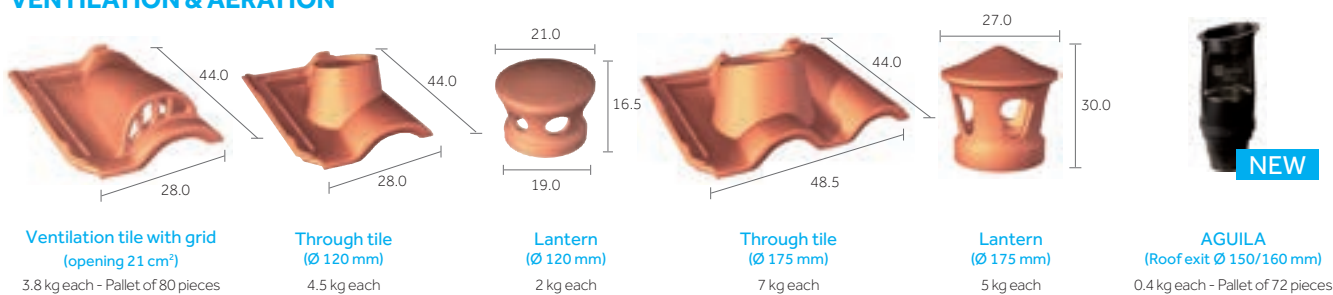
RIDGES, HIPS & END CAPS



ILLUMINATION



VENTILATION & AERATION



VALMAGNE CUIVRE

Coppo Domus

- The beauty of the traditional Italian roofs
- Great impermeability, mechanical strength and frost resistance
- Unparalleled antique colour range associated to hand-made looking surface
- Flexible gauge up to 1 cm

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	11.5
Dimensions (cm)	46.0 x 28.0
Cover width (cm)	22.9
Batten gauge (cm)	37.0-38.0
Unit weight (kg)	3.6
Weight per m ² (kg)	41.0
Weight per pallet (kg)	790
Pieces per pallet	192-256
Production site	Castelletto Di Branduzzo
Laying	Straight bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	30% (16°7')

These values are given for information purposes only and may be subject to change.



11.5/m²

GUARANTEE

10
YEARS

CE



MADE
IN ITALY



COLOUR RANGE



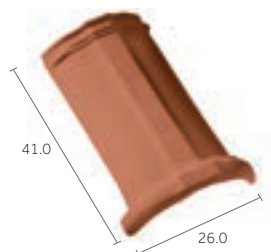
RINASCIMENTO



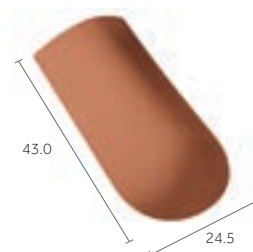
RUSTICO RODI

Coppo Domus

FITTINGS



Shaped ridge
2.7/ml - 3.1 kg each



Smooth end ridge
3.1 to 3.5 kg each



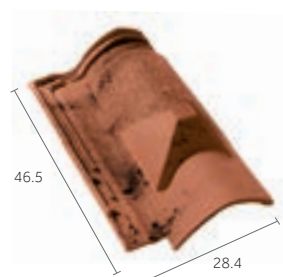
3 ridge junction
3.9 kg each



4 ridge junction
4.8 kg each



Ventilation tile
5.0 kg each - Ventilation section: 36 cm²



Snow stop tile
4.3 kg each



Adapter for chimney
-



Chimney
-



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each



Portoghese Flexa

- Large format tile fulfilling the needs of the modern architecture and of the most traditional roofs
- Great impermeability, mechanical strength and frost resistance
- Lightweight and easy to lay
- Flexible gauge up to 1.5 cm



TECHNICAL CHARACTERISTICS

Number of tiles per m ²	13
Dimensions (cm)	44.7 x 26.3
Cover width (cm)	21.4
Batten gauge (cm)	34.5-36.0
Unit weight (kg)	3.2
Weight per m ² (kg)	40.0
Weight per pallet (kg)	680-750
Pieces per pallet	192-256
Production site	Castelletto Di Branduzzo
Laying	Straight bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	30% (16°7')

These values are given for information purposes only and may be subject to change.

13/m²

GUARANTEE

10
YEARS

CE



MADE
IN ITALY



COLOUR RANGE



NATURAL RED



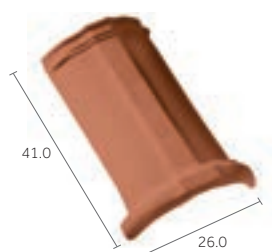
ANTICA



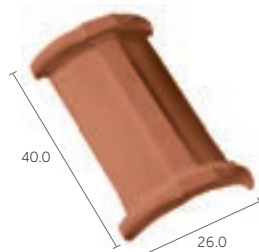
DOROTEA

Portoghese Flexa

FITTINGS



Shape ridge
2.7/ml - 3.1 kg each



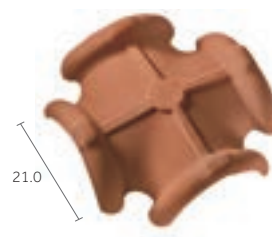
Ridge
2.8 kg each



End ridge
3 kg each



3 ridge junction
3.9 kg each



4 ridge junction
4.8 kg each



Ventilation tile
4.8 kg each - Ventilation section: 30 cm²



Snow stop tile
3.9 kg each



Adapter for chimney



Chimney



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each



NATURAL RED

Portoghese

- The design resembles the combination of a flat Roman tile and a bend tile
- Great impermeability, mechanical strength and frost resistance
- Wide colour range including antique shades and semiglazed colours
- Lightweight and easy to lay

TECHNICAL CHARACTERISTICS

Number of tiles per m ²	14
Dimensions (cm)	41.5 x 25.5
Cover width (cm)	20.3
Batten gauge (cm)	34.5
Unit weight (kg)	3.2
Weight per m ² (kg)	44.8
Weight per pallet (kg)	880
Pieces per pallet	272
Production site	Ceprano
Laying	Straight bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	30% (16°7')

These values are given for information purposes only and may be subject to change.



14/m²

GUARANTEE

10
YEARS

CE



MADE
IN ITALY



COLOUR RANGE



NATURAL RED



ANTICA MONFERRATO



ANTICA CASSINO

Portoghese

COLOUR RANGE



CORTE A SERA



CASTELLI ROMANI



ROSSO RUBINO SCURO



ROSSOVIVO

MADE
IN ITALY



COLOUR RANGE



BRIGHT GREEN



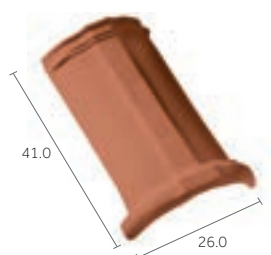
TESTA DI MORO



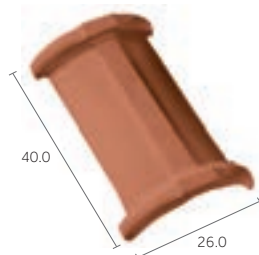
ARDESIA

Portoghese

FITTINGS



Shape ridge
2.7/ml - 3.1 kg each



Ridge
2.8 kg each



End ridge
3 kg each



3 ridge junction
3.9 kg each



4 ridge junction
4.8 kg each



Ventilation tile
4.8 kg each - Ventilation section: 30 cm²



Snow stop tile
3.9 kg each



Adapter for chimney
-



Chimney
-



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each



NATURAL RED



ANTICA MONFERRATO



GALLEANE® 10 - AUTHENTIQUE



LÓGICA LUSA - NATURAL RED





CANAL MIDI - ROSE / AUTHENTIQUE / ROUGE

Curved Tile

Canal Midi & Posifix® Midi	148
Curva Collado	154
Curva Cobert	156
Coppo Trafilato 45	158

Canal Midi & Posifix® Midi

- Posifix® with nibs (base 11 cm)
- Wide curve to enhance stability
- Clear and soft contours
- "Pressed" tile

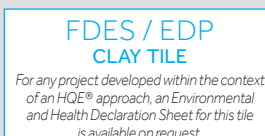
TECHNICAL CHARACTERISTICS

Number of tiles per m ²	21.5 to 25.8
Dimensions (cm)	50 x 21.5
Cover width (cm)	From 23.5 to 26.5 cm
Batten gauge (cm)	33 to 36
Linear meter of battens/m ²	2.8 to 3 ml
Unit weight (kg)	≈ 2.5
Weight per m ² (kg)	52.5 to 65
Weight per pallet (kg)	Canal Midi: 570 - Posifix® Midi: 400
Pieces per pallet	Canal Midi: 225 - Posifix® Midi: 160
Production site	Limoux-Massia
Laying	Straight bond
Product standard	NF EN 1304
Application standard	NF P 31-201 [DTU 40.22]
Minimum roof pitch	24% (13°50')

These values are given for information purposes only and may be subject to change.



Tiles tinted in the subface
for a pose in genoa and inboard roof



MADE
IN FRANCE



CANAL MIDI: COLOUR RANGE



AUORE (8A)



AUTHENTIQUE (6Z)



PAILLE (1C)



ROSE (1A)

Canal Midi & Posifix® Midi

CANAL MIDI: COLOUR RANGE



ROUGE (1B)



ROUGE OCCITAN (8H)



ROUGE VIEILLI (5D)



SILVACANE LITTORAL (5A)

MADE
IN FRANCE



CANAL MIDI: COLOUR RANGE



TERRE D'OCRES (5W)



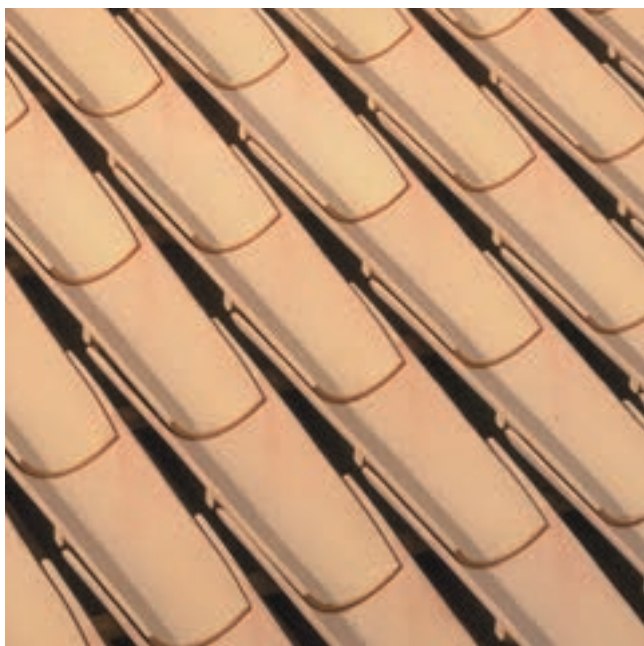
TOITS DU SUD (7T)



ROUGE

Canal Midi & Posifix® Midi

POSIFIX® MIDI: COLOUR RANGE



PAILLE (1C)



ROUGE (1B)

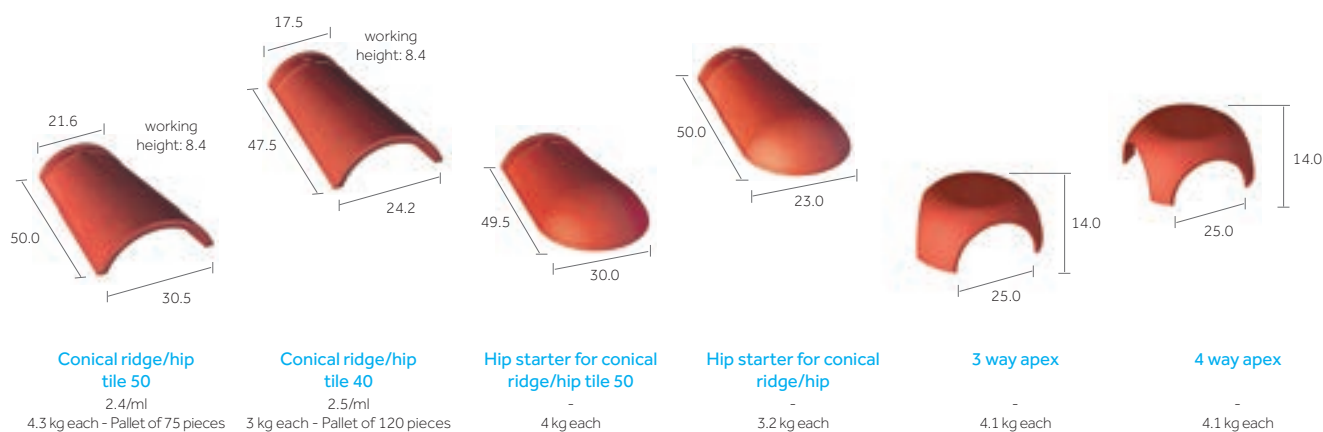


SILVACANE LITTORAL (5A)

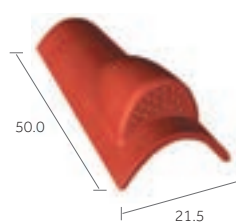


SILVACANE XAHARA (5X)

RIDGES, HIPS & END CAPS



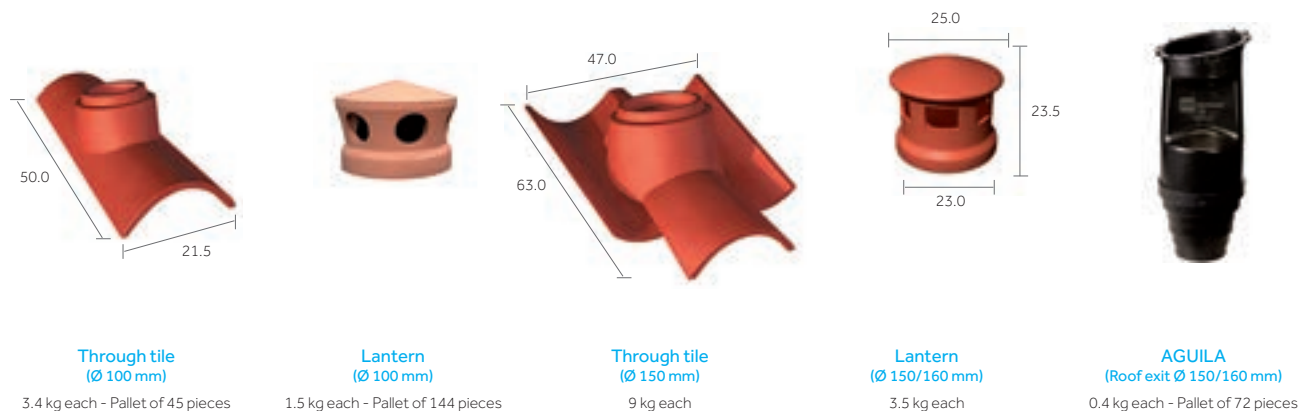
VENTILATION & AERATION



Ventilation tile with grid
(opening 16 cm²)

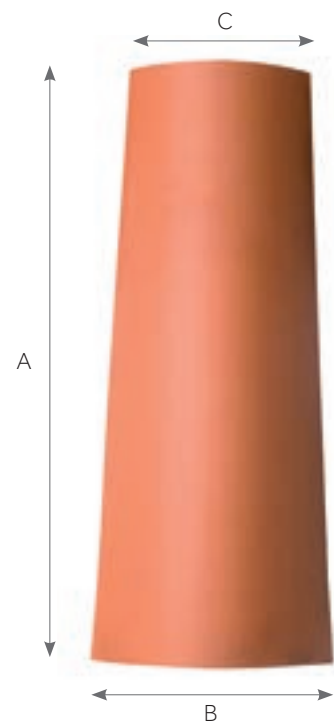
3.1 kg each - Pallet of 65 pieces

NEW



Curva Collado

- Classic profile with actual technology
- Complete roofs (corners, angles, circles, ...) could be done
- Variable overlap, installation flexible
- Classic design, traditional and rustic



FITTING



Ventilation tile

GUARANTEE

10
YEARS



FDES / EDP
CLAY TILE



For any project developed within the context of an HQE® approach, an Environmental and Health Declaration Sheet for this tile is available on request.



MADE
IN SPAIN



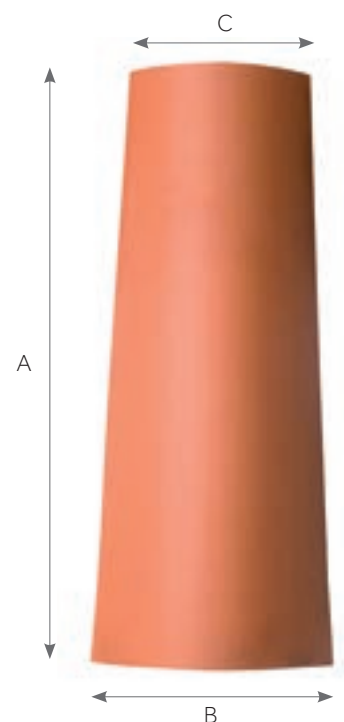
Production site Almansa

MODELS		DIMENSIONS A x B x C (mm)	NUMBER OF TILES/m ²	UNIT WEIGHT	PIECES PER PALLET	WEIGHT PER PALLET	COLOUR	
40 x 15		402 x 160 x 114	33	1.45	672	986	ROJO	
							MARRON	
40 x 17	PINK BASE	404 x 173 x 123	30	1.65	588	982	ROJO	
							ROJO FLAMEADO	
							VIEJO CASTILLA	
							MISTRAL	
	PINK BASE	404 x 173 x 123	30	1.55	546	858	PAJA	
							PAJA FLAMEADO	

These values are given for information purposes only and may be subject to change.

Curva Cobert

- Classic profile with actual technology
- Complete roofs (corners, angles, circles, ...) could be done
- Variable overlap, installation flexible
- Classic design, traditional and rustic



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MODELS	DIMENSIONS A x B x C (mm)	NUMBER OF TILES/m ²	UNIT WEIGHT	PIECES PER PALLET	WEIGHT PER PALLET	COLOUR
40 x 20	400 x 200 x 150	26.2	1.95	384	761	ROJO
45 x 20	450 x 200 x 150	22.7	2.20	200	452	
50 x 21	500 x 210 x 160	20	2.50	216	552	



These values are given for information purposes only and may be subject to change.



Coppo Trafilato 45

- The icon of the traditional roofs
- Conical shape for wide overlap tolerance, both transversely and longitudinally
- Versatile, suitable for any type of pitched roof especially with complex design (e.g. Domes)
- Widely used for renovation projects in historical centers



TECHNICAL CHARACTERISTICS

Number of tiles per m ²	28-30
Dimensions (cm)	45 x 18
Batten gauge (cm)	36
Unit weight (kg)	2.2
Weight per m ² (kg)	66
Weight per pallet (kg)	630
Pieces per pallet	288
Production site	Ceprano
Laying	Straight bond
Product standard	EN 1304
Application standard	UNI 9460:2008
Minimum roof pitch	30% (16°7')

These values are given for information purposes only and may be subject to change.

≈30/m²

GUARANTEE

10
YEARS

CE



MADE
IN ITALY



COLOUR RANGE



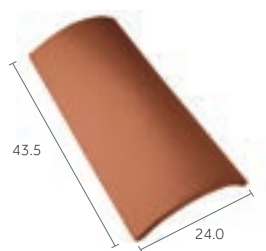
NATURAL RED (without hole)



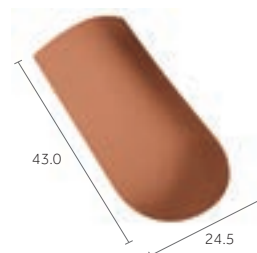
PRESTIGE VECCHIA ETRURIA (with hole only on top)

Coppo Trafilato 45

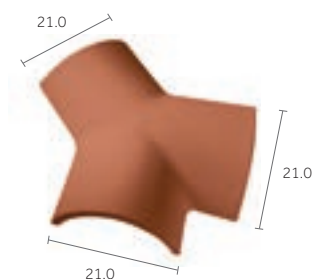
FITTINGS



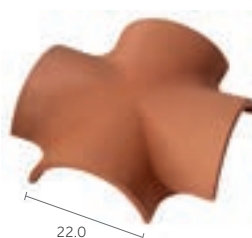
Smooth ridge
3/mi - 3.3 kg each



Smooth end ridge
3.1 to 3.5 kg each



3 ridge junction
4.2 kg each



4 ridge junction
5.5 kg each



Ventilation tile
3.7 kg each



Chimney
-



Roof outlet PVC
0.9 kg each



Roof outlet copper
1.2 kg each



PRESTIGE VECCHIA ETRURIA

Roofing Components

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VENTILATED RIDGE ROLL

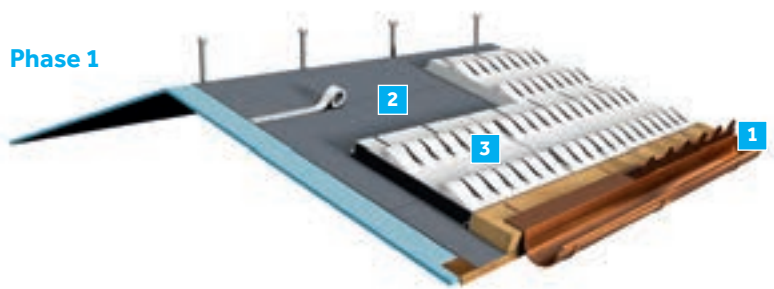
Roofing Components

BMI fosters the concept of roof system to improve the living comfort and the energy efficiency of the building. BMI developed a comprehensive range of roofing components perfectly integrated with BMI roof tiles to create a state of the art roof system.

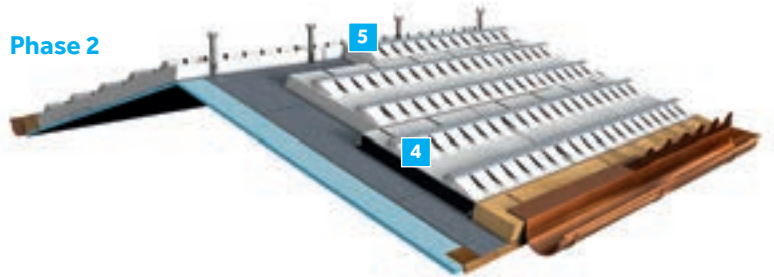
A BMI roof is ventilated, well insulated, carefully waterproofed and easy to install.

Sequence of installation

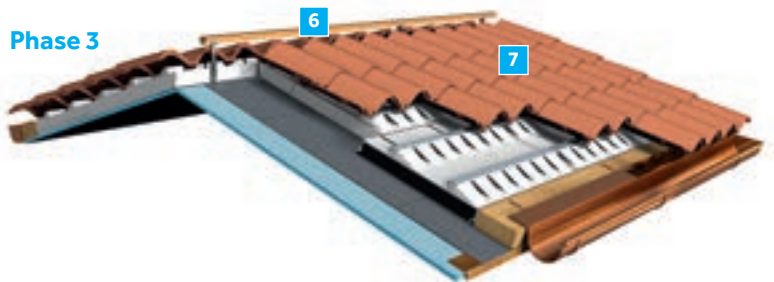
Phase 1



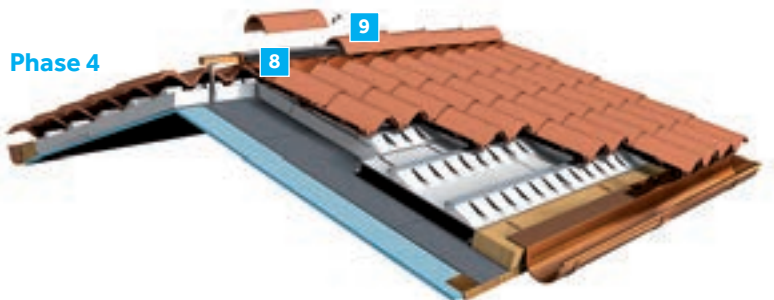
Phase 2



Phase 3



Phase 4

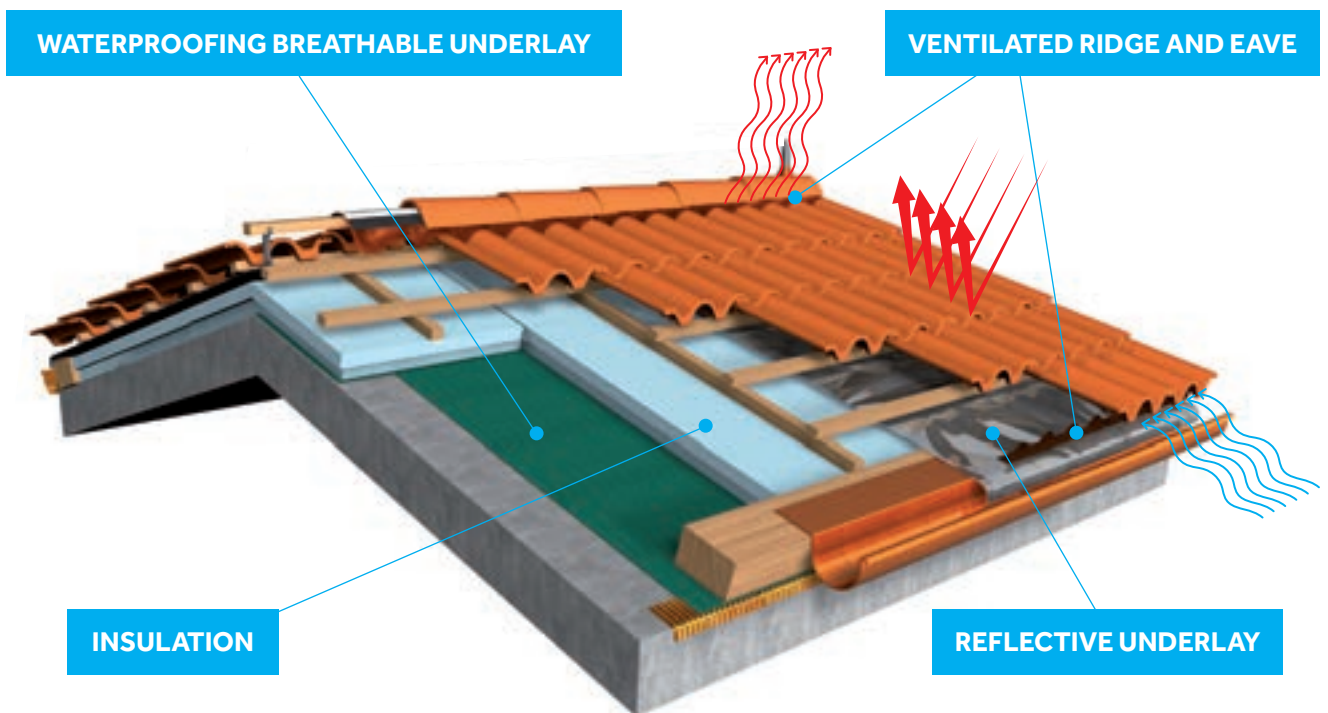


System Installation

- 1 - Bird stop
- 2 - Waterproofing underlay
- 3 - Insulation Panel
- 4 - Metal battens for insulation panel
- 5 - Batten holder
- 6 - Ridge batten
- 7 - Roof tile
- 8 - Ridge roll
- 9 - Ridge/End-ridge

The BMI Cool Roof System

The BMI Cool Roof System combines the benefits of reflectivity and ventilation and enhances the performance of the roof.



Why is ventilation important?

Roof ventilation is essential for many reasons:

- it helps to prevent humidity that can wet insulation and affect its efficiency.
- it helps to prevent ice build-up and ice damming at the eaves.
- it reduces the algae and moss growth on the cladding due to better drying of the roof tiles.
- it keeps upper floor rooms comfortable and cool during hot summer months.
- it helps to get rid of moisture and discharges steam, water vapour and penetrated rainwater.

The use of mortar for the ridge, hip and eave prevents the continuous ventilation of the space under the tiles and deteriorates the performance of the roof.

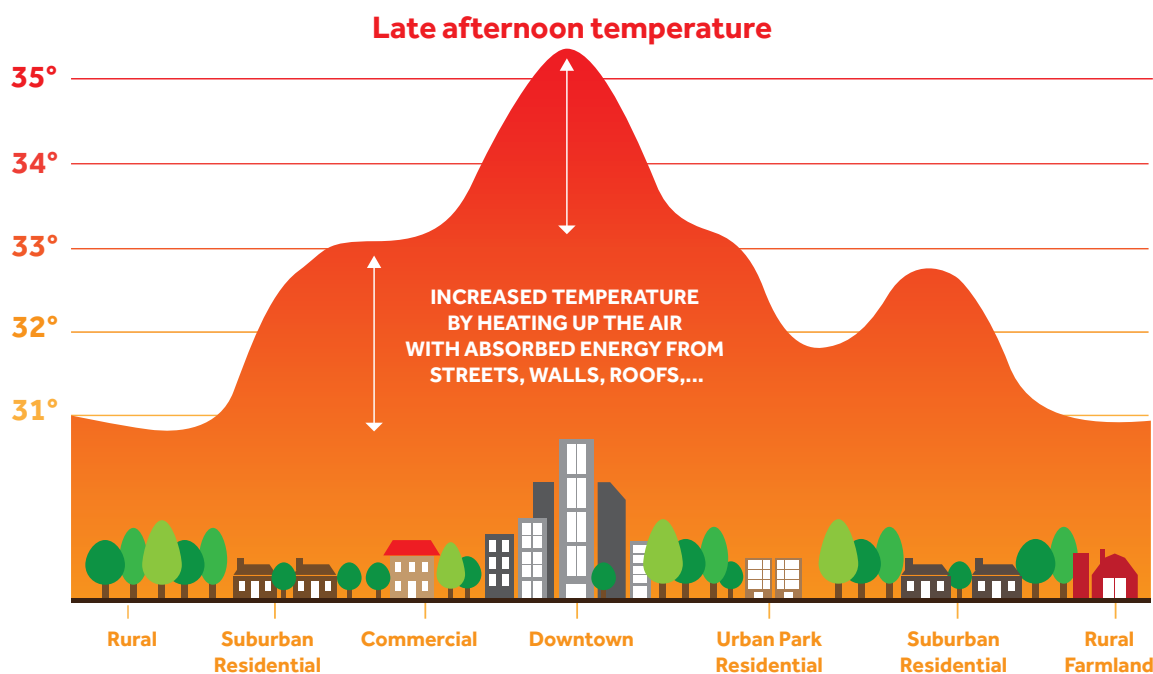
Dry fix solutions give a traditional appearance to the ridge whilst combining the security and weathertightness of mechanically fixed ridge tiles.

Why is solar reflectivity important?

Most of the sun's energy goes through the atmosphere without warming up the air and arrives on the surface of the earth (a part is reflected and absorbed by clouds and greenhouse gas molecules).

- Some energy is reflected away with no effect on the surface temperature of soil, streets, roofs, ...
- The remaining energy is absorbed in the material, (e.g. roof tiles).
- The hot roof tiles radiate heat into the building as well as they heat up the air above the roof. The same effect happens over streets and other dark surfaces ("Urban Heat Island" effect).

The "Urban Heat Island" effect in brief:



Cool Roofs provide several benefits:

1. Improved summer comfort
 - Less heat in the living space under the roof
 - Less need of AirCon energy to cool down the living space
2. Reduced Heat Island effect with better climate in the city
3. Reduced global warming by CO₂ equivalent savings

How do we measure the reflectivity?

The reflectivity of a material is measured by the SRI or TSR values.

The Solar Reflectance Index (SRI) or Total Solar Reflectivity (TSR) is the capability of a material to reflect solar energy from the surface of material. The value of the solar reflectance index varies from 0 to 100. The higher the value the more sunlight is reflected.

Light coloured roof tiles have a higher solar reflectivity than dark tiles.

Waterproofing underlay

Breathable underlay and vapour control layers

BMI roof tiles are wind tunnel tested to ensure the best performance even against severe weather conditions. However to prevent any damage to the underlying structure caused by water penetration, it is required to install a good quality underlay. Underlays act as secondary barrier against leakages (first barrier being represented by the roof tiles) and protect from wind and air penetration. Breathability ensures the flow of moisture outside to improve comfort.

DIVOROLL CLIMA+S

Breathable and reflective underlay



Waterproof and breathable 4 layers underlay, with a metallized polypropylene (MPP) finish, reflecting up to 80% of radiated heat. It reduces the incoming heat by 21%, allowing a decrease in indoor temperature (measured on the roof) of 3 °C. Adhesive strip for a proper fit and overlap. It is durable and easy to install and can effectively contribute to energy saving and comfort.



DIVOROLL MAXIMUM+2S

Breathable underlay

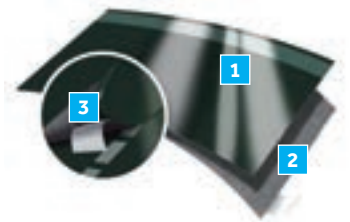


Exceptionally water-repellent film with high breathability. Highly resistant. 2 adhesive strips.

1 - Layer of polyurethane (PU)

2 - Integrated mesh of PP Polypropylene-mesh with felt

3 - Adhesive side strips

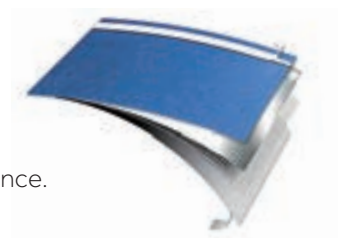


DIVOROLL ELITE HYPER 200

Breathable underlay

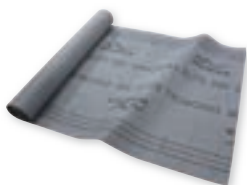


Polypropylene membrane 4 layers reinforced with mesh. Reflective film with protection SP 50 to ensure UV resistance.



DIVOROLL ELITE 200

Breathable underlay



Polypropylene membrane 4 layers reinforced with mesh.

ECOTECH 145

Breathable underlay



Breathable.
High tensile strength with 3-layers structure.



- 1** - Layer of UV-resistant polypropylene (pp)
- 2** - Vapour-permeable microporous layer
- 3** - Tensile polypropylene (pp)

ECOTECH 110

Breathable underlay



Breathable.
High tensile strength with 3-layers structure.



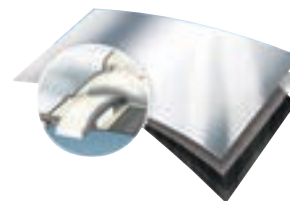
- 1** - Layer of UV-resistant polypropylene (pp)
- 2** - Vapour-permeable microporous layer
- 3** - Tensile polypropylene (pp)

VELTITECH CLIMA+

Reflective vapour barrier



Waterproof reflective underlay
with 3 layers and metallized polypropylene (MPP) finish,
up to 55% of the incoming heat.

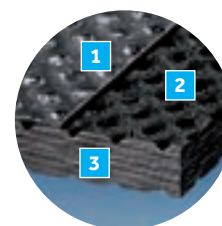


VAPOTECH 25

Non-breathable



Non-breathable vapour barrier
to prevent water penetration.
Easy installation and handling on site.



- 1** - Layer of UV-resistant polypropylene (pp)
- 2** - Vapour-tight waterproof layer
- 3** - Tensile polypropylene (pp)

Waterproofing underlay

TECHNICAL DATA

CATEGORY	WATERPROOFING BREATHABLE UNDERLAYS						WATERPROOFING VAPOUR BARRIERS	
PRODUCT NAME	DIVOROLL CLIMA+S	DIVOROLL MAXIMUM+2S	DIVOROLL ELITE HYPER 200	DIVOROLL ELITE 200	ECOTECH 145	ECOTECH 110	VELTITECH CLIMA+	VAPOTECH 25
Dimensions	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m	1.5 x 50 m
Weight	170 g/m ²	200 g/m ²	205 g/m ²	200 g/m ²	145 g/m ²	110 g/m ²	175 g/m ²	120 g/m ²
Covering	75 m ² /roll	75 m ² /roll	75 m ² /roll	75 m ² /roll	75 m ² /roll	75 m ² /roll	75 m ² /roll	75 m ² /roll
SD value	0.04 m	0.15 m	0.03 m	0.03 m	0.03 m	0.03 m	>100 m	25 m
Resistance to water penetration	W1	W1	W1	W1	W1	W1	W1	W1
Reaction to fire	E	E	E	E	F	E	E	E
Temperature resistance	-40° +80°	-40° +80°	-40° +80°	-40° +80°	-40° +80°	-40° +80°	-40° +80°	-40° +80°
Number of layers	4 with grid	3	4	4 with grid	3	3	3	3
Packaging	20 rolls/pallet 1500 m ²	20 rolls/pallet 1500 m ²	12 rolls/pallet 900 m ²	12 rolls/pallet 900 m ²	20 rolls/pallet 1500 m ²	20 rolls/pallet 1500 m ²	20 rolls/pallet 1500 m ²	20 rolls/pallet 1500 m ²

Breathable = vapour permeable

Barrier = non breathable

ADHESIVE TAPE FOR UNDERLAY



Adhesive tape used for sealing and bonding waterproof film undertiles. Has a reinforced, UV-resistant surface with good ductility and high adhesion thanks to its Firestone joints. Highly resistant to moisture and frost attacks.

Adhesive	Acrylate (UV-resistant)
Dimensions	0.06 x 25 m
Mass (adhesive weight)	200 gr/m ²
Thickness	0.27 mm
Resistance to temperature	From - 40 C° to 80 C°
Resistance to fire	Class E

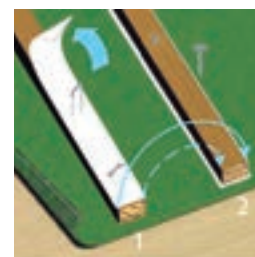
SEALROLL



Adhesive tape

Dimensions

0.05 x 30 m





Abutment

WAKAFLEX®

Multipurpose waterproof strip



1 - Butyl rubber finish

Strong, durable polymer with UV and heat stabilisers.

2 - Aluminium mesh

Reinforces the product and makes it mouldable.

3 - Butyl rubber finish

With aluminium mesh.

4 - Butyl strip

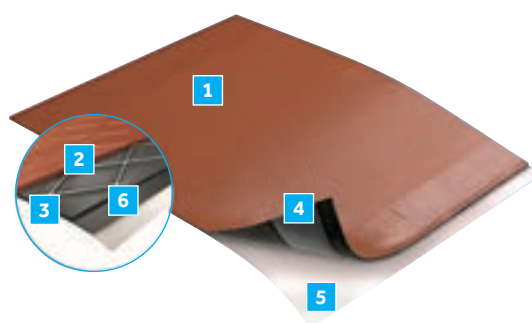
To bond the product to the roof material and avoid detachment.

5 - Protective film

To protect the Wakaflex during transport.

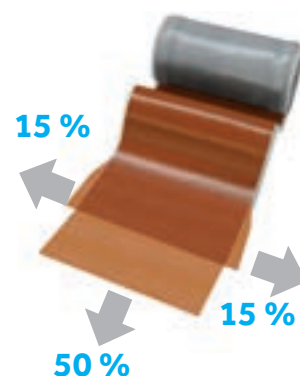
6 - Adhesive back cover

To accelerate the effect of single self-welding.



TECHNICAL DATA

Width	180, 280, 370, 560 mm
Length	5 or 10 m/roll
Colours	Red, brown, anthracite grey
Stability	50% roll longitudinal, $\geq 15\%$ transverse to the roll
Composition	Butyl rubber structure, aluminium mesh, butyl adhesive strips and protective paper
Protective paper	Perforated
Temperature range	-40°C to 100°C
Installation temperature	+5°C to 40°C
Physical properties	Watertight, weatherproof and self-fixing



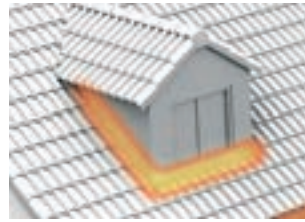
APPLICATIONS



Chimneys



Tile-to-wall joints



Attic windows



Sealing of valleys



INSTALLATION



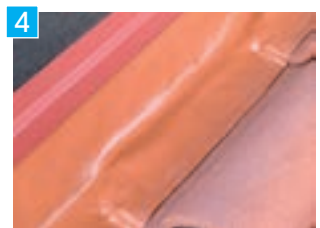
1 Waterproof strip layout and cut.



2 Multipurpose waterproof strip bond.



3 Detail of multipurpose waterproof strip joint.



4 Sealed to prevent entry of external agents.

Abutment

WAKAFLEX® EPDM

Universal end

The product is developed for the universal sealing of round roof penetrations and cables.

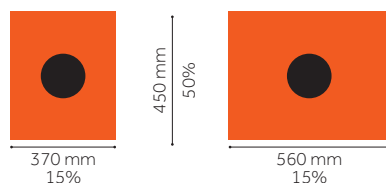
The product enlarges the Wakaflex® product family with a professional and smart solution.



TECHNICAL DATA

Material	Wakaflex®
Base dimension	370 mm x 450 mm
Colours	Red, brown
Packaging	0.6 kg/ud

Stretchability



Collar material	EPDM
Pipe sizes	25 mm, 50 mm, 75 mm, 100 mm, 125 mm (each size is also suitable for an Ø of additional +5 mm) + 4 additional cable outlets
Temperature range	-40°C to 80°C
Application temperature	+5°C to 40°C

RIDGE INSTALLATION



Starting point.



Measure the diameter of the roof penetration which has to be sealed.



Cut the collar horizontally above the border line to the required size. The upper part of the collar can then be removed carefully by hand.



Push the product over the roof penetration and remove the release foil.



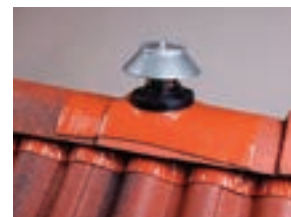
Mould Wakaflex® completely onto tiles without tension.



Install the cable tie below the border of the used diameter.



Cut off the the remaining part of the cable tie.



Final result.

ROOF INSTALLATION



Starting point.



Measure the diameter of the roof penetration which has to be sealed.



Cut the collar horizontally above the border line to the required size. The upper part of the collar can then be removed carefully by hand.



Push the product over the roof penetration.



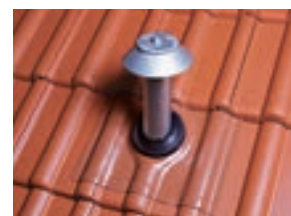
Release protective foil.



Mould Wakaflex® completely onto tiles without tension.



Install the cable tie below the border of the used diameter.



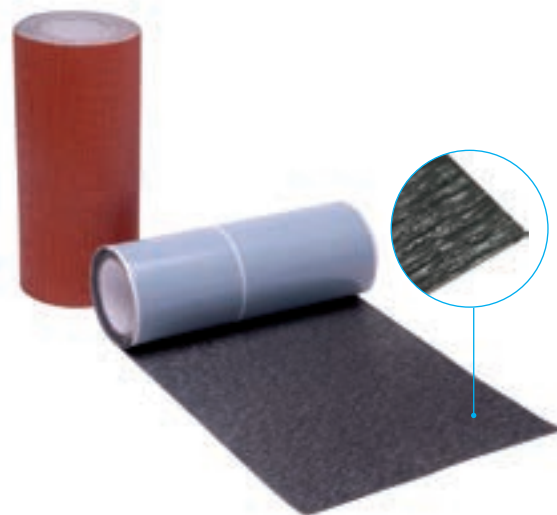
Final result.

Abutment

EASY FLASH BUTYL

Waterproof strip

Aluminium-coated Crep Tec
with complete self-adhesive butyl backcoat.
Stretchable up to 60%.



- 1 - Pleated aluminium with colour incorporated.
- 2 - Rear zone entirely of butyl.
- 3 - Rear protective paper.
- 4 - Easy to adapt to different shapes.



TECHNICAL DETAILS

Material	Embossed aluminium composite with butyl adhesive
Width	200, 250, 300 mm
Length	5 m/roll
Colours	Anthracite grey, red, brown
Thickness	Approx. 1.2-1.4 mm incl. protective paper
Composition	Coated aluminium, complete butyl adhesive back coat
Protective paper	2 longitudinal parts
Temperature range	-25°C to 90°C
Application temperature	+5°C to 40°C
Physical properties	Seal-tight, weatherproof

APPLICATIONS



Chimneys



Joints with walls

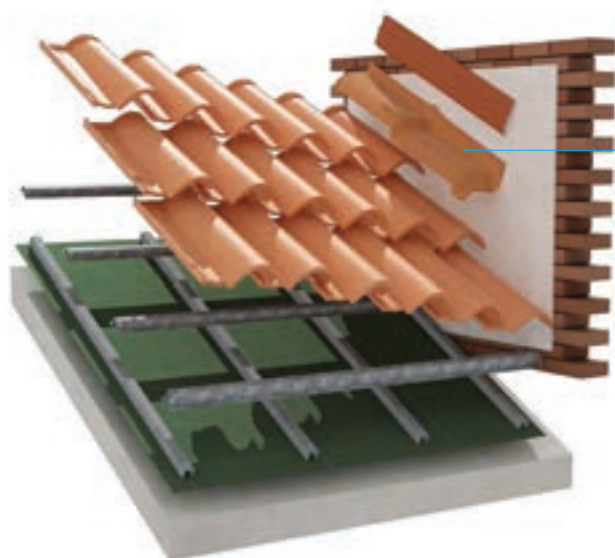
OTHERS USES



Chimneys and ventilation pipes



Repairs



EASY FLASH BUTYL

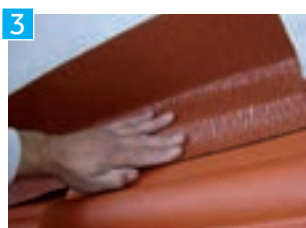
INSTALLATION



1 Waterproof strip layout and cut.



2 Bonded in both joint areas (wall-tile).



3 Moulding and fastening by pressure.



4 End with flashing and silicone bead.

Insulation panels

SYSTEM PRO

Technical system for roofing Tectum®- Pro



This is the **most complete roofing construction system** in the world market.

It is formed by **BMI roof tiles and special pieces** (concrete or clay) and **BMI roof components** of different families: waterproof-breathable films, insulation, fixing, waterproofing dry ridge, eaves ventilation products and accessories for finishing any single point on the roof.

The most exclusive element of the **Technical System for roofing Tectum®- Pro** is the preformed **Cobert Insulation**. It is made of **EPS Neopor and EPS white**, preformed according to the shape of the bottom face of the tile and with a delimited area for battent fixing, providing high insulation, waterproofing and precision in the installation of concrete or clay tiles.





ICE
RESISTANT
FROST
RESISTANT



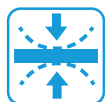
PREVENTS
CONDENSATION



ROOF
VENTILATION



IMPERMEABILITY



BREAKING
RESISTANT



PERFECT
FITTING



ROOF
INSULATION



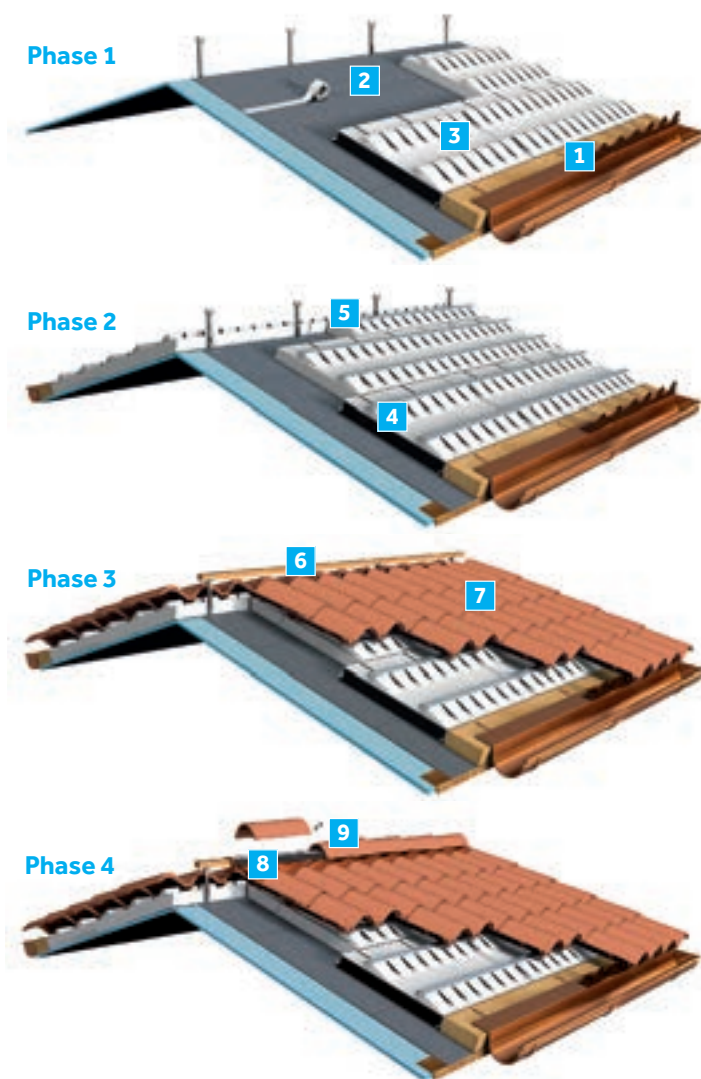
IMPROVES
ENERGY
EFFICIENCY

Insulation panels

SYSTEM PRO

ISOTEGOLA 345

- Steady performance over the time:
moisture resistant,
channels to drain water,
no deterioration
- Designed to avoid thermal bridges
- Light and easy to install
- Good living comfort
- Metal battens to fasten the tiles



TECHNICAL DATA

Thermal conductivity	$\lambda_d = 0,032 \text{ W/mK}$							
Specific heat	1480 J/kgK							
Density	Extern 30kg/m ³							
Fire reaction	Euroclasse E							
Vapour resistance	μ 50 - 100							
Water absorption	2 % (by immersion)							
Compressive strength	external: 200 kPa							
Colours	White / Graphite							
Dimensions	1.20 x 0.345							
Surface	0.414 m ²							
Number of pieces/m ²	2.42							
Thickness	50	60	80	100	120	140	160	
Thermal resistance: Rd [m ² K/W]	1.70	2.00	2.60	3.25	4.15	4.35	5.00	
Thermal transmittance : U [W/m ² K]	0.59	0.50	0.38	0.31	0.26	0.23	0.20	

System Installation

- 1 - Bird stop
- 2 - Waterproofing underlay
- 3 - Insulation Panel
- 4 - Metal battens for insulation panel
- 5 - Batten holder
- 6 - Ridge batten
- 7 - Roof tile
- 8 - Ridge roll
- 9 - Ridge/End-ridge

ISOTEGOLA EVOLUTION 345

Integrated and double density expanded polystyrene panel white ESP with density 30 kg/m² and Neopor EPS with density 15 kg/m²

Suitable for the following tiles :
Portuguese, Portuguese Flexa and Marsigliese



PRODUCT	THICKNESS (cm)	DIMENSIONS (cm)	QUANTITY PER PALLET	THERMAL TRANSMITTANCE W/m ² K
Isotegola Evolution 345 - 50	5	120 x 34.5	3.31	0.59
Isotegola Evolution 345 - 60	6	120 x 34.5	3.31	0.50
Isotegola Evolution 345 - 80	8	120 x 34.5	2.48	0.38
Isotegola Evolution 345 - 100	10	120 x 34.5	1.66	0.31
Isotegola Evolution 345 - 120	12	120 x 34.5	1.66	0.26
Isotegola Evolution 345 - 140	14	120 x 34.5	1.24	0.23

CLIMA PRO

Integrated and double density expanded polystyrene panel white ESP with density 30 kg/m² and Neopor EPS with density 15 kg/m²

Suitable for roof insulation, it facilitates the installation of battens and tiles thanks to its preformed design.



PRODUCT	THICKNESS	METAL BATTEN	TILES
CLIMA PRO T-320	60 mm	32 cm	Logica Plana > 37%
	100 mm	32 cm	
CLIMA PRO T-380	60 mm	38 cm	Klinker Virtus
	100 mm	38 cm	
CLIMA PRO T-397	60 mm	39.5 cm	Klinker Hydra Duna, Cazorla, Klinker K2, Klinker Virtus
	100 mm	39.5 cm	



Ventilated ridge roll

METALROLL®

Ventilated ridge



Made of highly resistant, high-performance materials, Metalroll® is the most suitable ventilated ridge for the roofer's needs.

TECHNICAL DATA

Length	5 ml/roll
Width	26 to 32 or 32 to 38 cm
Extensibility	50%
Ventilation	110 to 240 cm²/ml



- 1 - Reinforcement for nailing.
- 2 - Adjustable widths even in tiles with a higher profile.
- 3 - Ample protected ventilation area with solid felt.
- 4 - Unique CrepTec technology with a stretching ratio of 40% to 50%
- 5 - Extremely robust material with good grip for fast installation.
- 6 - High adherence through butyl tested strip.
- 7 - Protection strip with silicone.

FIGAROLL® PLUS

Ventilated ridge



Side skirting of aluminium, deformable and mouldable up to 50%, with a central section of waterproof polypropylene, double ventilation channel and geometric openings system for optimal ventilation (150 cm²/ml) and total protection against external elements.

TECHNICAL DATA

Length	5 ml/roll
Width	28 to 32 or 34 to 38 cm
Extensibility	50%
Ventilation	> 150 cm²/ml



- 1 - Reinforcement for nailing.
- 2 - Ample protected ventilation area with water-repellent polypropylene.
- 3 - Folded aluminium with stretchability of approx. 50%
- 4 - High adherence through butyl tested strip.
- 5 - Protection strip with silicone.

RAPIDROLL 390

Ventilated ridge



- Good ventilation
- One channel of ventilation

TECHNICAL DATA

Length	5 ml/roll
Width	37 to 39 cm
Extensibility	40%
Ventilation	130 cm ² /ml
Colours	Red - Brown - Anthracite grey
Packaging	5 rolls/box

DRYROLL®

Ventilated ridge



- Ease and speed of installation.
- Easy handling (storage, transport ...)
- It seals the ridge against rain and snow

TECHNICAL DATA

Length	10 ml/roll
Width	29.5 or 36.5 cm
Extensibility	30%
Ventilation	70 cm ² /ml



Ventilated eaves batten

Eaves batten are designed to ventilate and prevent entry by animals (e.g. birds or mice) in the eaves area. The ventilation area depends on the tile profile used and, on the height the eaves batten.

PLASTIC BIRD STOP



TECHNICAL DATA

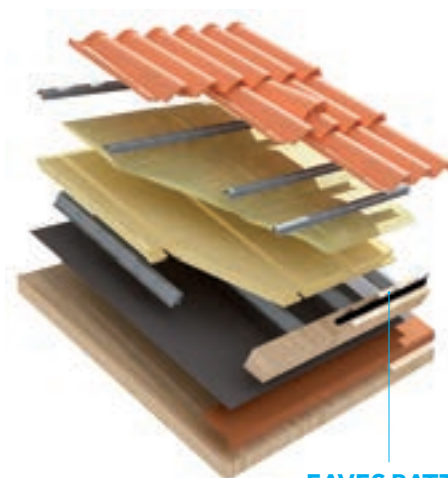
Material	HDPE
Colours	Black, Red
Length	1 000 mm
Comb Height	77 mm (Black and Red) - 120 mm (Red)
Packaging	30 pieces/box
Ventilation	Max. 300 cm ² /m (depending on the profile of the tile)
Process	Moulding by injection

METALVENT



METALVENT TECHNICAL DATA

Material	Metal
Tiles	Coppo Domus
Colours	Brown
Dimensions	Coppo Domus: 91.2 cm
Ventilation section	Coppo Domus: 450 cm ² /m
Packaging	30 pieces/box



EAVES BATTEN



INSTALLATION



Fixing

RIDGE HOOK

Aluminium element to secure the ridge and hip end tiles to the support batten.

POLYGONAL RIDGE CAP



CLASSIC RIDGE CAP



UNIVERSAL RIDGE CAP



INSTALLATION



Positioning and unscrewing on ridge cap.



Hook attachment of the front and backridge.



View of the ridge secured with hook.

METAL RIDGE CAP BRACKET

Aluminium element for the perfect alignment of ridge and hip support battens.

TECHNICAL DATA

Material	DX51D steel
Thickness	12/10 mm
Pretreatment	Hot-galvanized
Galvanising	150 g/m ²
Colour	Grey
Total Height	210 mm + 4
Width	50 mm + 2
Dimensions	40 x 50 x 210 mm approx.
Mass	136 + 5 g/pc



Fixing

HOOKS



DIMENSIONS

72 x 12 x 2.4 mm

120 x 12 x 2.4 mm

Minimum quantity is 250 units box

SELF DRILLING SCREWS



DIMENSIONS

45 x 3.5 mm

35 x 3.5 mm

Minimum quantity is 1000 units box

FLOWER RIVETS



DIMENSIONS

4.8 x 40 mm

4.8 x 35 mm

Minimum quantity is 1000 units box

IMPACT SCREWS



DIMENSIONS

5 x 30 mm

Minimum quantity is 1000 units box

NYLON ROSETT WALLPLUGS



DIMENSIONS

10 x 90 mm

10 x 130 mm

Minimum quantity is 1000 units box

NAILING PLUGS

DIMENSIONS

8 x 120 mm

8 x 140 mm

8 x 160 mm

Minimum quantity is 1000 units box



Plant Network

ITALY



CEPRANO

LOCALITÀ CAMPO DI CRISTO, 18
03024 CEPRANO (FROSINONE)

CASTELLETTO DI BRANDUZZO

VIA LONGHI, 6
27040 CASTELLETTO DI BRANDUZZO
(PAVIA)

SPAIN



TOLEDO

CTRA. DE VILLALUENGA A COBEJA
KM 3.5
45520 VILLALUENGA DE LA SAGRA,
TOLEDO

ALMANSA

POL. INDUSTRIAL EL MUGRON III FASE
C/ TONELEROS 2,
02640 ALMANSA,
ALBACETE.

PORTUGAL



OUTEIRO

ESTRADA NACIONAL 361-1
2565-594 OUTEIRO DA CABEÇA,
TORRES VEDRAS

FRANCE



SIGNY

ZA LA FOSSE AUX MORTIERS
08460 SIGNY L'ABBAYE

ROUMAZIÈRES

29 RUE DU 8 MAI
16270 ROUMAZIÈRES-LOUBERT

LIMOUX

ROUTE DE SAINT-POLYCARPE
11300 LIMOUX-MASSIA

MARSEILLE

DÉPÔT LES MILLES
60, CHEMIN DE LA BADESSE
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Plant of production





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