



SOTELHA
cerâmica

A **ESCOLHA** NATURAL PARA LONGEVIDADE **SUSTENTÁVEL**



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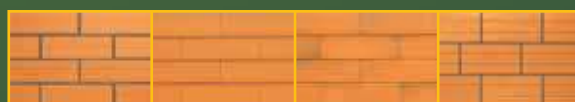
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ATLAS



A ATLAS é uma telha tradicional Portuguesa, do tipo Lusa, muito robusta e dotada de um sistema de encaixes que confere uma estanquidade salientável à cobertura.

ATLAS is a traditional Portuguese Lusa type roof tile. It is extremely sturdy and its fitting system renders the roof covering exceptionally waterproofness.



ATLAS



| | | |
|-----------------------------|---------------------------|-------------|
| Peso | Weight | 3,7Kg ± 0,2 |
| Comprimento | Length | 452 mm |
| Largura | Width | 259 mm |
| Espaçamento do Ripado | Batten Spacing | 38 cm |
| Nº de Telhas/Paleta | Roof Tiles/Pallet | 280 |
| Nº de Telhas/m ² | Roof Tiles/m ² | 12,5 |

452 mm



259 mm



ESTÉTICA TRADICIONAL

A cor e a forma de uma telha com linhas tradicionais, adaptada à tendências estéticas actuais.

TRADITIONAL AESTHETICS

The classic colour and shape of a Lusa roof tile with its traditional lines adapted to the modern aesthetic trends.

ELEVADA ESTANQUIDADE

Os relevos pronunciados nas zonas de encaixe conferem uma estanquidade salientável.

SUPERIOR WATERPROOFNESS

The marked ridges in the fitting areas provide remarkable waterproofness.

ROBUSTEZ

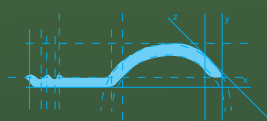
A sua elevada resistência mecânica atribui uma grande robustez a esta telha.

STURDINESS

Its increased mechanical resistance gives this roof tile superior sturdiness.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

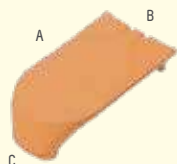
IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

AGUEIRO | UNDER RIDGE



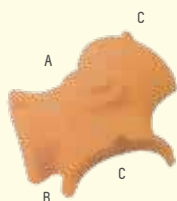
Peso | Weight: 0,5 Kg
 Uni: 5 ml
 A: 200 mm
 B: 115 mm
 C: 60 mm
 Uni./PaL: 960

CUME | RIDGE TILE



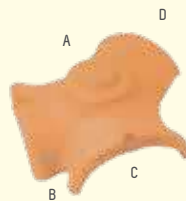
Peso | Weight: 3,0 Kg
 Uni: 2,5 ml
 A: 430 mm
 B: 260 mm
 C: 215 mm
 Uni./PaL: 160

CRUZETA 3 HASTES-MACHO | THREE-WAY APEX - MALE



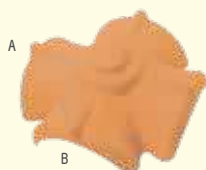
Peso | Weight: 3,5 Kg
 A: 255 mm
 B: 110 mm
 C: 260 mm

CRUZETA 3 HASTES - FÊMEA | THREE-WAY APEX - FEMALE



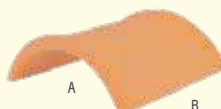
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 110 mm
 C: 260 mm
 D: 215 mm

CRUZETA DE 4 HASTES | FOUR-WAY APEX



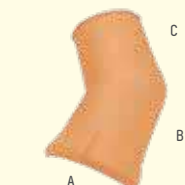
Peso | Weight: 4,9 Kg
 A: 260 mm
 B: 360 mm

MEIO CUME | HALF RIDGE TILE



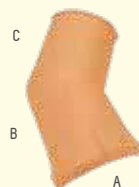
Peso | Weight: 1,2 Kg
 A: 215 mm
 B: 220 mm

CUME CURVO - ESQUERDO | CURVED RIDGE TILE - LEFT



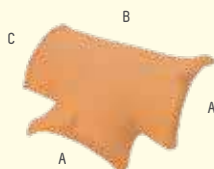
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME CURVO - DIREITO | CURVED RIDGE TILE - RIGHT



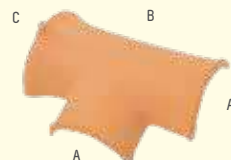
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME T - FÊMEA | RIDGE T-SHAPE - FEMALE



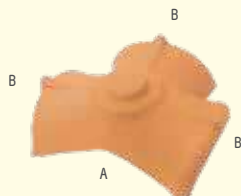
Peso | Weight: 3,4 Kg
 A: 260 mm
 B: 430 mm
 C: 215 mm

CUME T - MACHO | RIDGE T-SHAPE - MALE



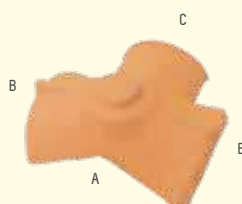
Peso | Weight: 3,4 Kg
 A: 215 mm
 B: 410 mm
 C: 260 mm

CRUZETA DE EMPENA - MACHO | THREE-WAY GABLE APEX - MALE



Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm

CRUZETA DE EMPENA - FÊMEA | THREE-WAY GABLE APEX - FEMALE



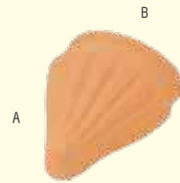
Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm
 C: 215 mm

CUME TERMINAL CONCHA | RIDGE END SHELL



Peso | Weight: 2,5 Kg
 A: 250 mm
 B: 430 mm
 Uni./Pal: 140

TERMINAL GUIEIRO | RIDGE END GUIEIRO



Peso | Weight: 1,4 Kg
 A: 235 mm
 B: 215 mm

TERMINAL CURVO - DIREITO | EAVE TERMINAL - LEFT



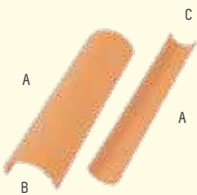
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

TERMINAL CURVO - ESQUERDO | EAVE TERMINAL - RIGHT



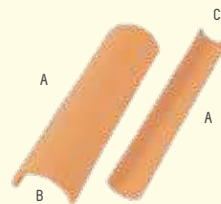
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

BEIRAL 60/80 | EAVE 60/80



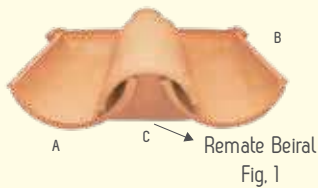
Peso | Weight:
 Capa | Cover 1,6 Kg a/to 2,2 Kg
 Caleira | Canal 3,3 Kg a/to 4,5 Kg
 Uni.: 5+5 ml
 A: 600 / 800 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL 100/120 | EAVE 100/120



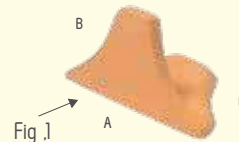
Peso | Weight:
 Capa | Cover 3,2 Kg a/to 3,6 Kg
 Caleira | Canal 5,6 Kg a/to 7,0 Kg
 Uni.: 5+5 ml
 A: 1000 / 1200 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL ESPECIAL (CAPA/CALEIRA | SPECIAL EAVE (COVER/CANAL)



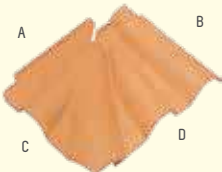
Peso | Weight:
 Capa | Cover 2,0 Kg
 Caleira | Canal 2,9 Kg
 Uni.: 5+5 ml
 A: 165 mm
 B: 540 mm
 C: 135 mm
 Uni./Pal: 170

REMATE BEIRAL ESPECIAL | EAVE END SPECIAL



Peso | Weight: 0,6 Kg
 A: 140 mm
 B: 80 mm
 C: 90 mm

CANTO 2 PEÇAS | CORNER EAVE OF 2 PIECES



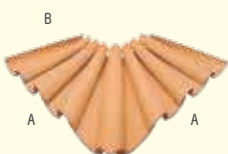
Peso | Weight: 9,6 Kg
 A: 420 mm
 B: 435 mm
 C: 455 mm
 D: 580 mm

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



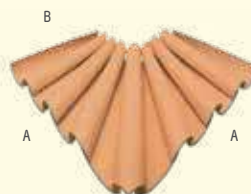
Peso | Weight: 14,9 Kg
 A: 595 mm
 B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



Peso | Weight: 34,1 Kg
 A: 810 mm
 B: 720 mm

CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



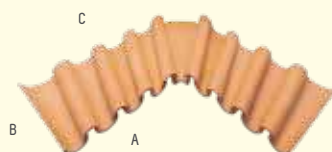
Peso | Weight: 45,9 Kg
 A: 1100 mm
 B: 1050 mm

CANTO DE BEIRAL ESPECIAL (7 PEÇAS) | CORNER EAVE SPECIAL (7 PIECES)



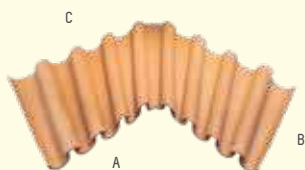
Peso | Weight: 12,7 Kg
A: 500 mm
B: 510 mm

CANTO BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)



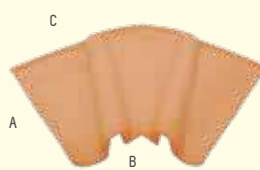
60 Peso | Weight: 40 Kg
A: 730 mm
B: 600 mm
C: 1300 mm
80 Peso | Weight: 63 Kg
A: 730 mm
B: 800 mm
C: 1300 mm

CANTO BEIRAL 110 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 110 (17 PIECES)



Peso | Weight: 70,9 Kg
A: 675 mm
B: 890 mm
C: 1440 mm

CANTO BEIRAL ESPECIAL - REENTRANTE (5 PEÇAS) | INNER CORNER EAVE (5 PIECES)



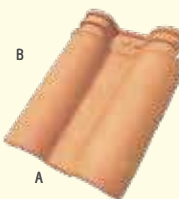
Peso | Weight: 21,2 Kg
A: 550 mm
B: 420 mm
C: 670 mm

TAMPÃO CUMEEIRA | RIDGE END CAP



Peso | Weight: 1,8 Kg
A: 145 mm
B: 290 mm
C: 240 mm

TELHA DUPLA | DOUBLE TILE



Peso | Weight: 5,2 Kg
A: 440 mm
B: 340 mm

REMATE DE EMPENA - DIREITO | GABLE END - RIGHT



Peso | Weight: 1,7 Kg
A: 450 mm
B: 135 mm
(Necessário aplicar telha dupla Atlas / It's necessary use double tile Atlas)

REMATE DE EMPENA - ESQUERDO | GABLE END - LEFT



Peso | Weight: 1,7 Kg
A: 450 mm
B: 135 mm

TELHA PASSADEIRA COM VENTILAÇÃO | VENTILATION TILE



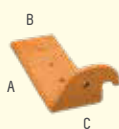
Peso | Weight: 4,1 Kg
A: 259 mm
B: 452 mm

TELHA CHAMINÉ | CHIMNEY TILE



Peso | Weight: 9,4 Kg
A: 580 mm
B: 305 mm
Ø telha | tile = 90 mm
Ø tubo | tube (in.t) = 120 mm
Ø tubo | tube (ext.) = 140 mm

TAPA PÁSSAROS | BIRD STOP



Peso | Weight: 0,4 Kg
A: 195 mm
B: 75 mm
C: 100 mm

TELHA POLICARBONATO TRANSPARENTE | POLYCARBONATE TRANSPARENT TILE



Peso | Weight: 0,5 Kg
A: 253 mm
B: 438 mm



GLOBO



A GLOBO é uma telha tipo Lusa de fácil aplicação, com uma concepção funcional, que proporciona uma cobertura tradicional muito eficiente.

GLOBO is an easy to assemble Lusa type roof tile. Its functional design makes this an extremely efficient traditional roof covering.



GLOBO



| | | |
|-----------------------------|---------------------------|-------------|
| Peso | Weight | 3,4Kg ± 0,2 |
| Comprimento | Length | 445 mm |
| Largura | Width | 258 mm |
| Espaçamento do Ripado | Batten Spacing | 37 cm |
| Nº de Telhas/Paleta | Roof Tiles/Pallet | 300 |
| Nº de Telhas/m ² | Roof Tiles/m ² | 12,5 |

445 mm



258 mm



FUNCIONALIDADE

A telha que respeita a sua funcionalidade como elemento protector de uma habitação.

FUNCTIONALITY

This roof tile performs its function perfectly as a house's element of protection.

GRANDES MARGENS DE ENCAIXE

O saliente rebordo único das peças dificulta a penetração da chuva e facilitando a montagem do telhado.

INCREASED FITTING MARGINS

The prominent overhanging border prevents rain infiltration and facilitates the roof's installation.

SIMPLICIDADE E FIABILIDADE

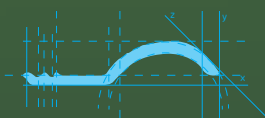
A forma desta peça é marcada pela simplicidade das linhas e confere grande fiabilidade à cobertura cerâmica.

SIMPLICITY AND RELIABILITY

The shape this tile is distinguished by the simplicity of its lines and it grants a high reliability to the ceramic roof covering.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

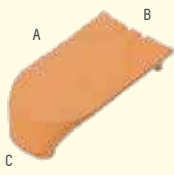
IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

AGUIEIRO | UNDER RIDGE



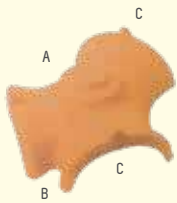
Peso | Weight: 0,5 Kg
 Uni.: 5 ml
 A: 200 mm
 B: 115 mm
 C: 60 mm
 Uni./PaL.: 960

CUME | RIDGE TILE



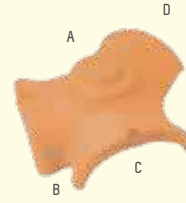
Peso | Weight: 3,0 Kg
 Uni.: 2,5 ml
 A: 430 mm
 B: 260 mm
 C: 215 mm
 Uni./PaL.: 160

CRUZETA 3 HASTES - MACHO | THREE-WAY APEX - MALE



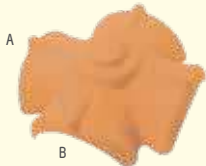
Peso | Weight: 3,5 Kg
 A: 255 mm
 B: 110 mm
 C: 260 mm

CRUZETA 3 HASTES - FÊMEA | THREE-WAY APEX - FEMALE



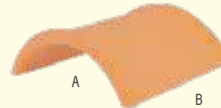
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 110 mm
 C: 260 mm
 D: 215 mm

CRUZETA DE 4 HASTES | FOUR WAY APEX



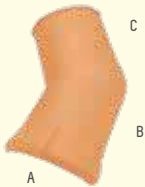
Peso | Weight: 4,9 Kg
 A: 260 mm
 B: 360 mm

MEIO CUME | HALF RIDGE TILE



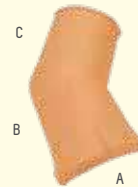
Peso | Weight: 1,2 Kg
 A: 215 mm
 B: 220 mm

CUME CURVO - ESQUERDO | CURVED RIDGE TILE - LEFT



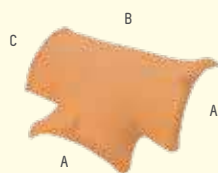
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME CURVO - DIREITO | CURVED RIDGE TILE - RIGHT



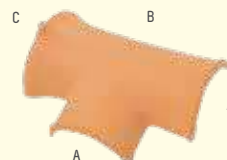
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME T - FÊMEA | RIDGE T-SHAPE - FEMALE



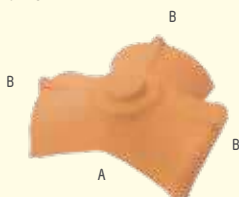
Peso | Weight: 3,4 Kg
 A: 260 mm
 B: 430 mm
 C: 215 mm

CUME T - MACHO | CURVED RIDGE T-SHAPE - MALE



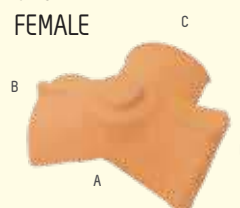
Peso | Weight: 3,4 Kg
 A: 215 mm
 B: 410 mm
 C: 260 mm

CRUZETA DE EMPENA - MACHO | THREE-WAY GABLE PAEX - MALE



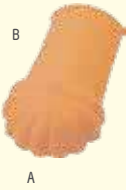
Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm

CRUZETA DE EMPENA - FÊMEA | THREE WAY GABLE APEX - FEMALE



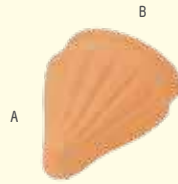
Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm
 C: 215 mm

CUME TERMINAL CONCHA | RIDGE END SHELL



Peso | Weight: 2,5 Kg
 A: 250 mm
 B: 430 mm
 Uni./Pal: 140

TERMINAL GUIEIRO | RIDGE END GUIEIRO



Peso | Weight: 1,4 Kg
 A: 235 mm
 B: 215 mm

TERMINAL CURVO - DIREITO | EAVE TERMINAL - LEFT



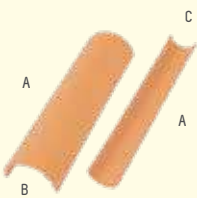
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

TERMINAL CURVO - ESQUERDO | EAVE TERMINAL - RIGHT



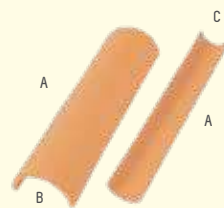
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

BEIRAL 60/80 | EAVE 60/80



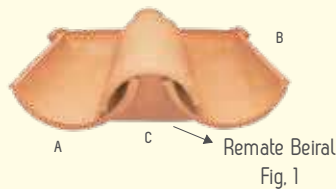
Peso | Weight:
 Capa | Cover 1,6 Kg a/to 2,2 Kg
 Caleira | Canal 3,3 Kg a/to 4,5 Kg
 Uni.: 5+5 ml
 A: 600 / 800 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL 100/120 | EAVE 100/120



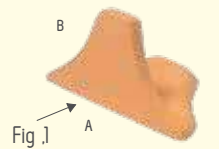
Peso | Weight:
 Capa | Cover 3,2 Kg a/to 3,6 Kg
 Caleira | Canal 5,6 Kg a/to 7,0 Kg
 Uni.: 5+5 ml
 A: 1000 / 1200 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL ESPECIAL (CAPA/CALEIRA) | SPECIAL EAVE (COVER/CANAL)



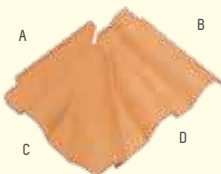
Peso | Weight:
 Capa | Cover 2,0 Kg
 Caleira | Canal 2,9 Kg
 Uni.: 5+5 ml
 A: 165 mm
 B: 540 mm
 C: 135 mm
 Uni./Pal: 170

REMATE BEIRAL ESPECIAL | EAVE END SPECIAL



Peso | Weight: 0,6 Kg
 A: 140 mm
 B: 80 mm
 C: 90 mm

CANTO 2 PEÇAS | CORNER EAVE OF 2 PIECES



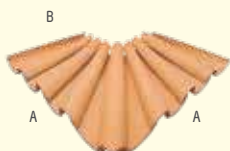
Peso | Weight: 9,6 Kg
 A: 420 mm
 B: 435 mm
 C: 455 mm
 D: 580 mm

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



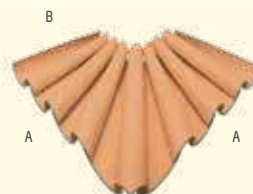
Peso | Weight: 14,9 Kg
 A: 595 mm
 B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



Peso | Weight: 34,1 Kg
 A: 810 mm
 B: 720 mm

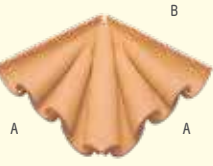
CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



Peso | Weight: 45,9 Kg
 A: 1100 mm
 B: 1050 mm

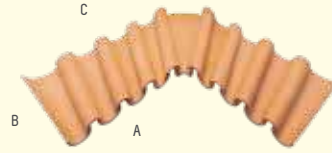
CANTO DE BEIRAL ESPECIAL (7 PELAS) | CORNER EAVE SPECIAL (7 PIECES)

Peso | Weight: 12,7 Kg
A: 500 mm
B: 510 mm



CANTO DE BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)

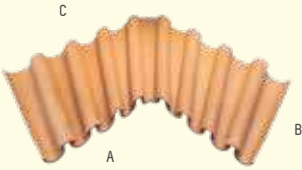
60 Peso | Weight: 40 Kg
A: 730 mm
B: 600 mm
C: 1300 mm



80 Peso | Weight: 63 Kg
A: 730 mm
B: 800 mm
C: 1300 mm

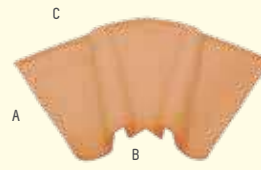
CANTO DE BEIRAL 110 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 110 (17 PIECES)

Peso | Weight: 70,9 Kg
A: 675 mm
B: 890 mm
C: 1440 mm



CANTO DE BEIRAL ESPECIAL - REENTRANTE (5 PEÇAS) | INNER CORNER EAVE (5 PIECES)

Peso | Weight: 21,2 Kg
A: 550 mm
B: 420 mm
C: 670 mm



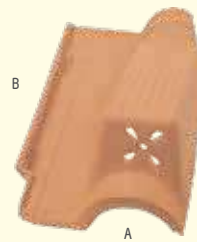
TAMPÃO CUMEEIRA | RIDGE END CAP

Peso | Weight: 1,8 Kg
A: 145 mm
B: 290 mm
C: 240 mm



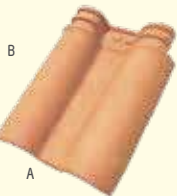
TELHA PASSADEIRA COM VENTILAÇÃO | VENTILATION TILE

Peso | Weight: 3,4 Kg
A: 258 mm
B: 445 mm



TELHA DUPLA | DOUBLE TILE

Peso | Weight: 5,2 Kg
A: 440 mm
B: 340 mm



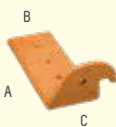
TELHA CHAMINÉ | CHIMNEY TILE

Peso | Weight: 9,4 Kg
A: 580 mm
B: 305 mm
Ø telha | tile = 90 mm
Ø tubo | tube (in.t) = 120 mm
Ø tubo | tube (ext.) = 140 mm



TAPA PÁSSAROS | BIRD STOP

Peso | Weight: 0,4 Kg
A: 195 mm
B: 75 mm
C: 100 mm



TELHA VIDRO TRANSPARENTE | TRANSPARENT GLASS TILE

Peso | Weight: 0,5 Kg
A: 250 mm
B: 440 mm





SECULUM



A SECULUM é uma telha tradicional tipo Lusa que, devido à sua maior dimensão, permite minimizar o custo global da cobertura, mantendo a qualidade em padrões de referência.

SECULUM is a traditional Lusa type roof tile. Due to its larger size, the overall cost of the roof covering is minimised while maintaining quality according to reference standards.



SECVLUM



| | | |
|-----------------------|-------------------|-------------|
| Peso | Weight | 3,6Kg ± 0,2 |
| Comprimento | Length | 452 mm |
| Largura | Width | 275 mm |
| Espaçamento do Ripado | Batten Spacing | 40 CM |
| Nº de Telhas/Paleta | Roof Tiles/Pallet | 300 |
| Nº de Telhas/m² | Roof Tiles/m² | 10,5 |



ECONOMIA

A maior dimensão de cada peça permite economias claras no custo global da cobertura.

ECONOMY

The dimension of this tile allows significant savings in the global roof cost

FIABILIDADE

Os frisos pronunciados nas zonas de encaixe conferem estanquidade excepcional.

RELIABILITY

The marked ridges in the fitting areas provide remarkable waterproofness.

ROBUSTEZ

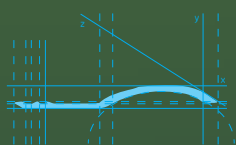
A resistência da telha garante a robustez do telhado.

STRENGTH

Its increased mechanical resistance gives this roof tile superior sturdiness.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

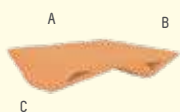
IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

AGUEIRO | UNDER RIDGE



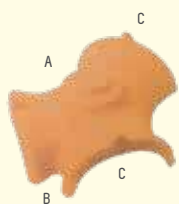
Peso | Weight: 0,5 Kg
 Uni.: 5 ml
 A: 200 mm
 B: 115 mm
 C: 60 mm
 Uni./PaL.: 960

CUME | RIDGE TILE



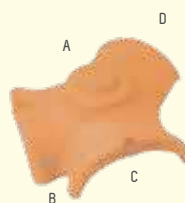
Peso | Weight: 3,0 Kg
 Uni.: 2,5 ml
 A: 430 mm
 B: 260 mm
 C: 215 mm
 Uni./PaL.: 160

CRUZETA 3 HASTES-MACHO | THREE-WAY APEX - MALE



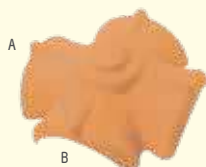
Peso | Weight: 3,5 Kg
 A: 255 mm
 B: 110 mm
 C: 260 mm

CRUZETA 3 HASTES - FÊMEA | THREE-WAY APEX - FEMALE



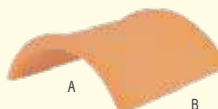
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 110 mm
 C: 260 mm
 D: 215 mm

CRUZETA DE 4 HASTES | FOUR-WAY APEX



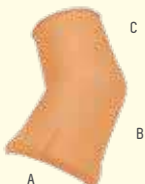
Peso | Weight: 4,9 Kg
 A: 260 mm
 B: 360 mm

MEIO CUME | HALF RIDGE TILE



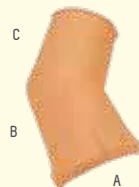
Peso | Weight: 1,2 Kg
 A: 215 mm
 B: 220 mm

CUME CURVO - ESQUERDO | CURVED RIDGE TILE - LEFT



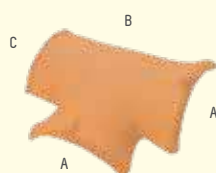
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME CURVO - DIREITO | CURVED RIDGE TILE - RIGHT



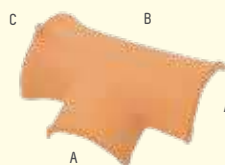
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME T - FÊMEA | RIDGE T-SHAPE - FEMALE



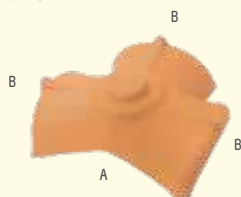
Peso | Weight: 3,4 Kg
 A: 260 mm
 B: 430 mm
 C: 215 mm

CUME T - MACHO | RIDGE T-SHAPE - MALE



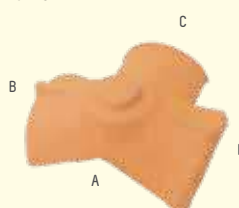
Peso | Weight: 3,4 Kg
 A: 215 mm
 B: 410 mm
 C: 260 mm

CRUZETA DE EMPENA - MACHO | THREE-WAY GABLE APEX - MALE



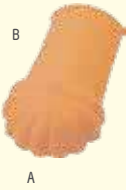
Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm

CRUZETA DE EMPENA - FÊMEA | THREE-WAY GABLE APEX - FEMALE



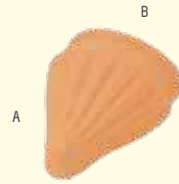
Peso | Weight: 4,0 Kg
 A: 355 mm
 B: 260 mm
 C: 215 mm

CUME TERMINAL CONCHA | RIDGE END SHELL



Peso | Weight: 2,5 Kg
 A: 250 mm
 B: 430 mm
 Uni./Pal: 140

TERMINAL GUIEIRO | RIDGE END GUIEIRO



Peso | Weight: 1,4 Kg
 A: 235 mm
 B: 215 mm

TERMINAL CURVO - DIREITO | EAVE TERMINAL - LEFT



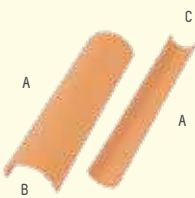
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

TERMINAL CURVO - ESQUERDO | EAVE TERMINAL - RIGHT



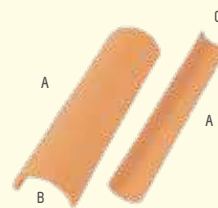
Peso | Weight: 3,5 Kg
 A: 330 mm
 B: 170 mm
 C: 215 mm

BEIRAL 60/80 | EAVE 60/80



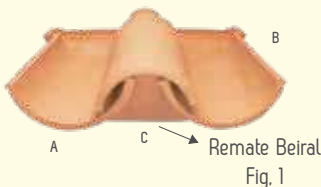
Peso | Weight:
 Capa | Cover 1,6 Kg a/to 2,2 Kg
 Caleira | Canal 3,3 Kg a/to 4,5 Kg
 Uni.: 5+5 ml
 A: 600 / 800 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL 100/120 | EAVE 100/120



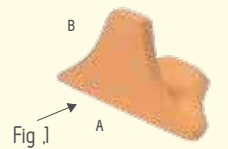
Peso | Weight:
 Capa | Cover 3,2 Kg a/to 3,6 Kg
 Caleira | Canal 5,6 Kg a/to 7,0 Kg
 Uni.: 5+5 ml
 A: 1000 / 1200 mm
 B: 165 mm
 C: 105 mm
 Uni./Pal: 100

BEIRAL ESPECIAL (CAPA/CALEIRA) | SPECIAL EAVE (COVER/CANAL)



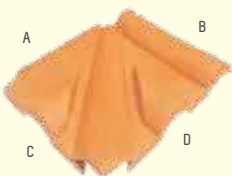
Peso | Weight:
 Capa | Cover 2,0 Kg
 Caleira | Canal 2,9 Kg
 Uni.: 5+5 ml
 A: 165 mm
 B: 540 mm
 C: 135 mm
 Uni./Pal: 170

REMATE BEIRAL ESPECIAL | EAVE END SPECIAL



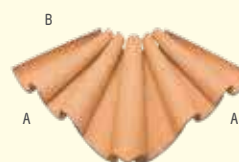
Peso | Weight: 0,6 Kg
 A: 140 mm
 B: 80 mm
 C: 90 mm

CANTO 3 PEÇAS | CORNER EAVE OF 3 PIECES



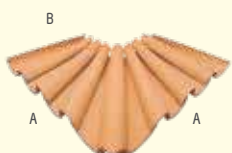
Peso | Weight: 10,4 Kg
 A: 460 mm
 B: 440 mm
 C: 435 mm
 D: 570 mm

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



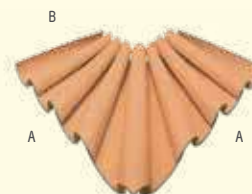
Peso | Weight: 14,9 Kg
 A: 595 mm
 B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



Peso | Weight: 34,1 Kg
 A: 810 mm
 B: 720 mm

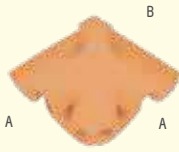
CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



Peso | Weight: 45,9 Kg
 A: 1100 mm
 B: 1050 mm

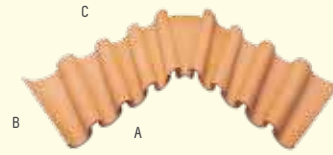
CANTO DE BEIRAL ESPECIAL (3 PEÇAS) | CORNER EAVE SPECIAL (3 PIECES)

Peso | Weight: 11,7 Kg
A: 470 mm
B: 480 mm



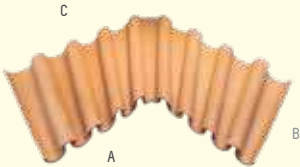
CANTO BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)

60 Peso | Weight: 40 Kg
A: 730 mm
B: 600 mm
C: 1300 mm
80 Peso | Weight: 63 Kg
A: 730 mm
B: 800 mm
C: 1300 mm



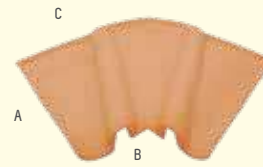
CANTO BEIRAL 110 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 110 (17 PIECES)

Peso | Weight: 70,9 Kg
A: 675 mm
B: 890 mm
C: 1440 mm



CANTO BEIRAL ESPECIAL - REENTRANTE (5 PEÇAS) | INNER CORNER EAVE (5 PIECES)

Peso | Weight: 21,2 Kg
A: 550 mm
B: 420 mm
C: 670 mm



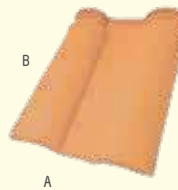
TAMPÃO CUMEEIRA | RIDGE END CAP

Peso | Weight: 1,8 Kg
A: 145 mm
B: 290 mm
C: 240 mm



TELHA DUPLA | DOUBLE TILE

Peso | Weight: 6,2 Kg
A: 445 mm
B: 390 mm



TELHA PASSADEIRA COM VENTILAÇÃO | VENTILATION TILE

Peso | Weight: 3,8 Kg
A: 275 mm
B: 452 mm



TELHA CHAMINÉ | CHIMNEY TILE

Peso | Weight: 9,4 Kg
A: 580 mm
B: 305 mm
Ø telha | tile = 90 mm
Ø tubo | tube (in.t) = 120 mm
Ø tubo | tube (ext.) = 140 mm



TELHA POLICARBONATO TRANSPARENTE | POLYCARBONATE TRANSPARENT TILE

Peso | Weight: 0,5 Kg
A: 277 mm
B: 449 mm





MOURISCA



A MOURISCA é uma telha tipo Canudo ou Árabe, que baseia a sua forma na mais antiga tradição das coberturas cerâmicas, reflectindo a beleza milenar e a tecnologia do presente.

MOURISCA is a "Barrel" ou Arab type roof tile based on the most ancient of ceramic coverings, blending the centuries-old beauty tradition with modern technology.



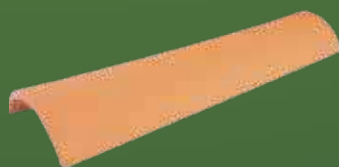
MOURISCA



| | | |
|-----------------------------|---------------------------|-------------|
| Peso | Weight | 1,8Kg ± 0,2 |
| Comprimento | Length | 453 mm |
| Largura Menor | Lesser Width | 130 mm |
| Largura Maior | Greater Width | 165 mm |
| Recobrimento aconselhado | Batten Spacing | 9 a 13 cm |
| Nº de Telhas/Paleta | Roof Tiles/Pallet | 570 |
| Nº de Telhas/m ² | Roof Tiles/m ² | 30 * |

* VALOR MÉDIO, DEPENDENDO EFECTIVAMENTE DO RECOBRIMENTO UTILIZADO NA SUA APLICAÇÃO. PARA MAIS INFORMAÇÕES CONTACTE O NOSSO DEPARTAMENTO COMERCIAL

TELHA PENSADA | PRESSED TILE



BELEZA SECULAR

A beleza e a tradição secular conferidas por uma telha canudo.

CENTURIES-OLD BEAUTY

Centuries-old elegance and tradition delivered in a "barrel" roof tile.



SIMPLICIDADE E SINGULARIDADE

A simplicidade da telha confere singularidade a um tipo de cobertura sempre actual.

SIMPLICITY AND UNIQUENESS

The simplicity of this roof tile offers singularity to roof.



FIABILIDADE

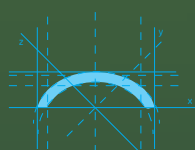
A beleza garantida por um telhado de fiabilidade inquestionável.

RELIABILITY

Stunning beauty given to a roof with unquestionable reliability.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

CUME MOURISCA | RIDGE MOURISCA



Peso | Weight: 3,2 Kg
A: 200 mm
B: 160 mm
C: 580 mm

TELHA VENTILADORA MOURISCA | VENTILATION TILE MOURISCA



Peso | Weight: 3,2 Kg
A: 200 mm
B: 160 mm
C: 580 mm

CRUZETA 3 HASTES MACHO | THREE - WAY APEX MALE



Peso | Weight: 1,9 Kg
A: 190 mm
B: 140 mm

CRUZETA 3 HASTES FÊMIA | THREE - WAY APEX FEMALE



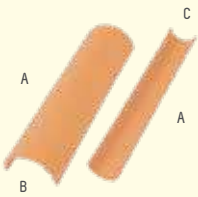
Peso | Weight: 1,9 Kg
A: 190 mm
B: 140 mm

CUME TERMINAL | END RIDGE



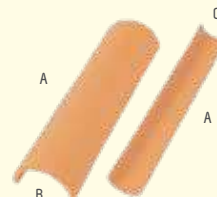
Peso | Weight: 2,4 Kg
A: 230 mm
B: 170 mm
C: 470 mm

BEIRAL 60/80 | EAVE 60/80



Peso | Weight:
Capa | Cover 1,6 Kg a/to 2,2 Kg
Caleira | Canal 3,3 Kg a/to 4,5 Kg
Uni.: 5+5 ml
A: 600 / 800 mm
B: 165 mm
C: 105 mm
Uni./PaL.: 100

BEIRAL 100/120 | EAVE 100/120



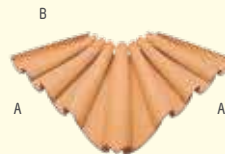
Peso | Weight:
Capa | Cover 3,2 Kg a/to 3,6 Kg
Caleira | Canal 5,6 Kg a/to 7,0 Kg
Uni.: 5+5 ml
A: 1000 / 1200 mm
B: 165 mm
C: 105 mm
Uni./PaL.: 100

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



Peso | Weight: 14,9 Kg
A: 595 mm
B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



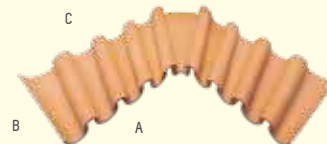
Peso | Weight: 34,1 Kg
A: 810 mm
B: 720 mm

CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



Peso | Weight: 45,9 Kg
A: 1100 mm
B: 1050 mm

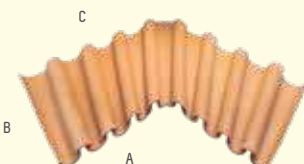
CANTO DE BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)



60 Peso | Weight: 40 Kg
A: 730 mm
B: 600 mm
C: 1300 mm

80 Peso | Weight: 63 Kg
A: 730 mm
B: 800 mm
C: 1300 mm

CANTO DE BEIRAL 110 RECUADO (17 PEÇAS) | REATREATING CORNER EAVE 110 (17 PIECES)



Peso | Weight: 70,9 Kg
A: 675 mm
B: 890 mm
C: 1440 mm

TELHA VIDRO TRANSPARENTE | TRANSPARENT GLASS TILE



Peso | Weight: 1,8 Kg
A: 125 mm
B: 500 mm
C: 147 mm



MERIDIAN

MERIDIAN



MERIDIAN FLEX



A MERIDIAN é uma telha tipo Marselha com um design clássico e excelente desempenho técnico, garantindo um telhado de elevada qualidade e beleza.

MERIDIAN is a Marseilles type roof tile. Its classic design and excellent technical performance guarantee a roof with supreme quality and beauty.



MERIDIAN



| | | |
|----------------------|-------------------|-------------|
| Peso | Weight | 3,2Kg ± 0,2 |
| Comprimento | Length | 450 mm |
| Largura | Width | 242 mm |
| Ripado MERIDIAN | Batten Spacing | 38 cm |
| Ripado MERIDIAN FLEX | Batten Spacing | 34 a 39 cm |
| Nº de Telhas/Paquete | Roof Tiles/Pallet | 300 |
| Nº de Telhas/m | Roof Tiles/m | 12,5 |



ESTÉTICA TRADICIONAL

A telha Marselha com a sua estética tradicional.

TRADITIONAL AESTHETICS

A Marseilles type roof tile with traditional aesthetics.

DURABILIDADE E FIABILIDADE

A garantia de uma cobertura durável e de grande fiabilidade.

DURABILITY AND RELIABILITY

The guarantee of a durable and highly reliable roof.

ELAVADA ESTANQUIDADE

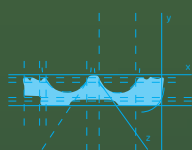
O pronunciamento dos frisos da zona de recobrimento confere elevada estanquidade da cobertura.

SUPERIOR WATERPROOFNESS

The pronounced ridges in the areas of overlap provide exceptional waterproofness.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

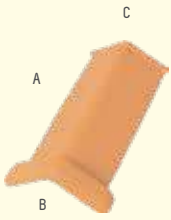
IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

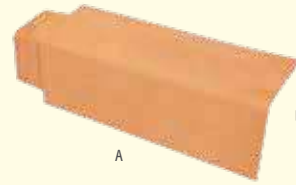
RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

CUME | RIDGE TILE



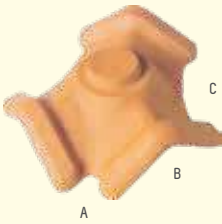
Peso | Weight: 2,8 Kg
 Uni.: 2,5 ml
 A: 450 mm
 B: 250 mm
 C: 215 mm
 Uni./PaL.: 240

REMATE EMPENA ANGULAR | ANGULAR GABLE END



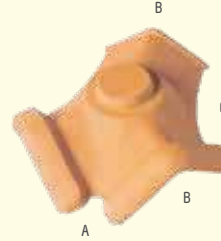
Peso | Weight: 2,9 Kg
 Uni.: 2,5 ml
 A: 390 mm
 B: 185 mm

CRUZETA 3 HASTES - MACHO | THREE-WAY APEX - MALE



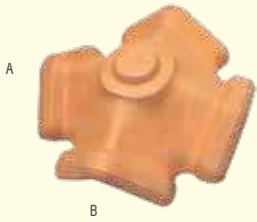
Peso | Weight: 3,4 Kg
 A: 105 mm
 B: 250 mm
 C: 260 mm

CRUZETA 3 HASTES - FÊMEA | THREE-WAY APEX - FEMALE



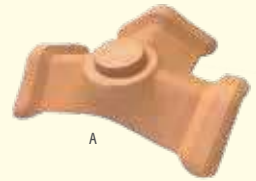
Peso | Weight: 3,9 Kg
 A: 110 mm
 B: 250 mm
 C: 250 mm
 D: 215 mm

CRUZETA DE 4 HASTES | FOUR-WAY APEX



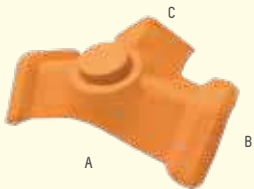
Peso | Weight: 4,7 Kg
 A: 250 mm
 B: 250 mm

CRUZETA DE EMPENA - MACHO | THREE-WAY GABLE APEX - MALE



Peso | Weight: 4,0 Kg
 A: 425 mm
 B: 250 mm

CRUZETA DE EMPENA - FÊMEA | THREE-WAY GABLE APEX - FEMALE



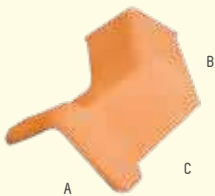
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME TERMINAL | END RIDGE



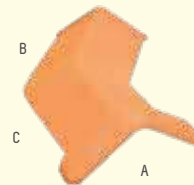
Peso | Weight: 2,9 Kg
 Uni./PaL.: 180
 A: 440 mm
 B: 260 mm

CUME CURVO ESQUERDO | CURVED RIDGE TILE - LEFT



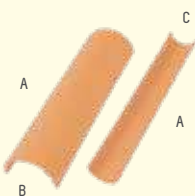
Peso | Weight: 2,9 Kg
 A: 250 mm
 B: 290 mm
 C: 3100 mm

CUME CURVO DIREITO | CURVED RIDGE TILE - RIGHT



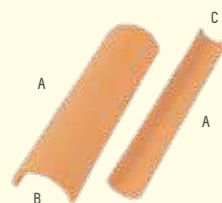
Peso | Weight: 2,9 Kg
 A: 250 mm
 B: 290 mm
 C: 3100 mm

BEIRAL 60/80 | EAVE 60/80



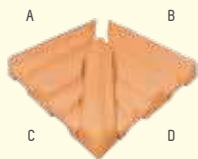
Peso | Weight:
 Capa | Cover 1,6 Kg a/to 2,2 Kg
 Caleira | Canal 3,3 Kg a/to 4,5 Kg
 Uni.: 5+5 ml
 A: 600 / 800 mm
 B: 165 mm
 C: 105 mm
 Uni./PaL.: 100

BEIRAL 100/120 | EAVE 100/120



Peso | Weight:
 Capa | Cover 3,2 Kg a/to 3,6 Kg
 Caleira | Canal 5,6 Kg a/to 7,0 Kg
 Uni.: 5+5 ml
 A: 1000 / 1200 mm
 B: 165 mm
 C: 105 mm
 Uni./PaL.: 100

CANTO DE TELHADO | ROOF CORNER



Peso | Weight: 7,5 Kg
 A: 445 mm
 B: 425 mm
 C: 475 mm
 D: 460 mm

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



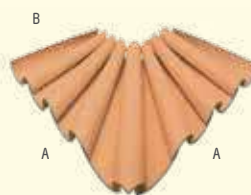
Peso | Weight: 14,9 Kg
 A: 595 mm
 B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



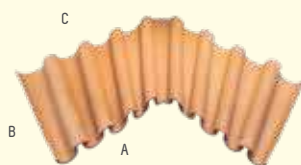
Peso | Weight: 34,1 Kg
 A: 810 mm
 B: 720 mm

CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



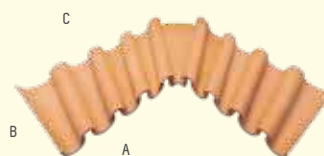
Peso | Weight: 45,9 Kg
 A: 1100 mm
 B: 1050 mm

CANTO DE BEIRAL 110 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 110 (17 PIECES)



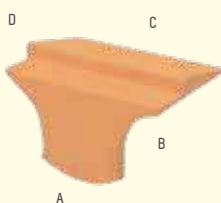
Peso | Weight: 71 Kg
 A: 675 mm
 B: 890 mm
 C: 1440 mm

CANTO DE BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)



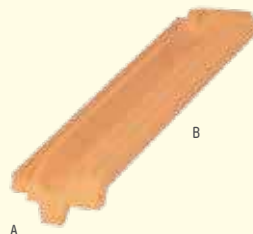
60 Peso | Weight: 40 Kg
 A: 730 mm
 B: 600 mm
 C: 1300 mm
80 Peso | Weight: 63 Kg
 A: 730 mm
 B: 800 mm
 C: 1300 mm

REMATE BEIRAL | EAVE END



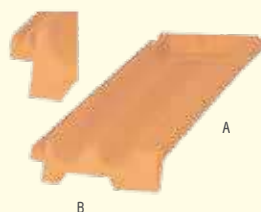
Peso | Weight: 0,6 Kg
 A: 7 mm
 B: 80 mm
 C: 145 mm
 D: 11 mm

MEIA TELHA | HALF TILE



Peso | Weight: 1,6 Kg
 A: 140 mm
 B: 450 mm

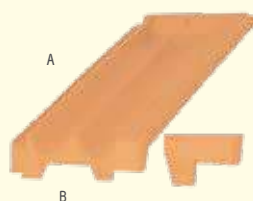
TELHA LATERAL - ESQUERDA | LATERAL ROOF TILE - LEFT



Peso | Weight: 3,1 Kg
 A: 450 mm
 B: 205 mm

* Telha para aplicação de remate de empena | Tile for application gable end right.

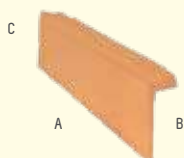
TELHA LATERAL - DIREITA | LATERAL ROOF TILE - RIGHT



Peso | Weight: 3,1 Kg
 A: 450 mm
 B: 205 mm

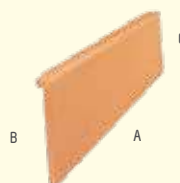
* Telha para aplicação de remate de empena | Tile for application gable end left.

REMATE DE EMPENA - ESQUERDO | GABLE END - LEFT



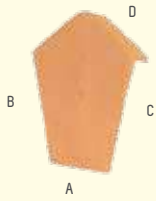
Peso | Weight: 1,7 Kg
 A: 460 mm
 B: 125 mm
 C: 115 mm

REMATE DE EMPENA - DIREITO | GABLE END - RIGHT



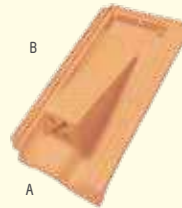
Peso | Weight: 1,7 Kg
 A: 460 mm
 B: 120 mm
 C: 110 mm

TAMPÃO DE CUMEEIRA | RIDGE END CAP



Peso | Weight: 1,8 Kg
 A: 150 mm
 B: 290 mm
 C: 205 mm
 D: 140 mm

TELHA PASSADEIRA COM VENTILAÇÃO | VENTILATION TILE



Peso | Weight: 4,0 Kg
 A: 242 mm
 B: 450 mm

TELHA CHAMINÉ | CHIMNEY TILE



Peso | Weight: 8,5 Kg ou/or 8,5 Kg
 A: 470 mm ou/or 425 mm
 B: 305 mm
 Ø telha | tile = 90 / 120 mm
 Ø tubo | tube (int.) = 120 / 140 mm
 Ø tubo | tube (ext.) = 140 / 160 mm

TELHA POLICARBONATO TRANSPARENTE | POLYCARBONATE TRANSPARENT TILE



Peso | Weight: 0,5 Kg
 A: 248 mm
 B: 450 mm





TROPIC



A TROPIC é uma telha tipo Marselha com linhas simples, muito fácil de aplicar e de grande eficiência funcional, que proporciona uma cobertura com traço contemporâneo.

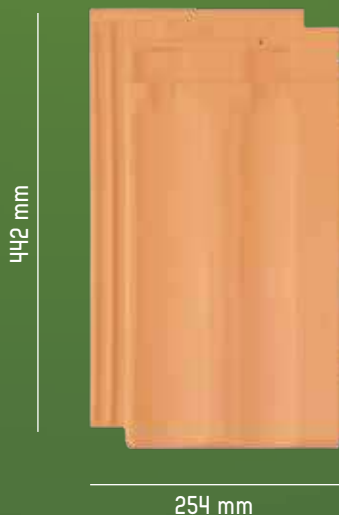
TROPIC is a Marseilles type roof tile with simple lines. It is easy to install and its advanced functional efficiency provides a traditional roof with a contemporary architectural style.



FIADA ALINHADA. ALIGNED ROWS.



FIADA CRUZADA. STAGGERED PATTERN.



TROPIC



| | | |
|-----------------------------|---------------------------|-------------|
| Peso | Weight | 3,2Kg ± 0,2 |
| Comprimento | Length | 442 mm |
| Largura | Width | 254 mm |
| Espaçamento do Ripado | Batten Spacing | 37 - 38 cm |
| Nº de Telhas/Paleta | Roof Tiles/Pallet | 300 |
| Nº de Telhas/m ² | Roof Tiles/m ² | 12,5 |



ESTÉTICA CONTEMPORÂNEA

A simplicidade das linhas transmite contemporaneidade a uma cobertura secular.

CONTEMPORARY AESTHETICS

The simplicity of the lines in this roof tile provides a contemporary style to a roof.

GRANDES MARGENS DE ENCAIXE

O grande "jogo" transversal e longitudinal da telha facilitam a aplicação da cobertura.

INCREASED FITTING MARGINS

The greater transversal and longitudinal tolerances facilitate the installation of each tile.

FIABILIDADE

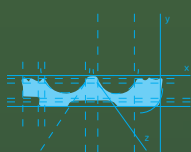
A robustez das peças confere fiabilidade à cobertura cerâmica, protegendo a habitação.

RELIABILITY

The sturdiness of this tile provides reliability to the ceramic roofing, thus protecting the house.

Conforme a Norma EN 1304:2013, cumpre:

According to the Standard EN 1304:2013, complies with:



EN 1024

CARACTERÍSTICAS GEOMÉTRICAS
GEOMETRIC CHARACTERISTICS



EN 539-2

RESISTÊNCIA AO GELO
FROST RESISTANCE



EN 539-1

IMPERMEABILIZAÇÃO
IMPERMEABILITY



EN 538

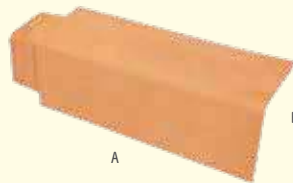
RESISTÊNCIA À FLEXÃO
FLEXURAL STRENGTH

CUME TROPIC | TROPIC RIDGE TILE



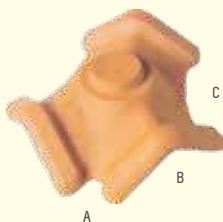
Peso | Weight: 2,8 Kg
 Uni.: 2,5 ml
 A: 450 mm
 B: 250 mm
 C: 215 mm
 Uni./PaL.: 240

REMATE EMPENA ANGULAR | ANGULAR GABLE END



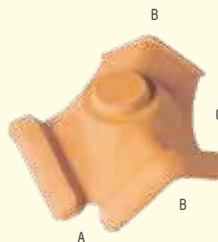
Peso | Weight: 2,9 Kg
 Uni.: 2,5 ml
 A: 390 mm
 B: 185 mm

CRUZETA 3 HASTES-MACHO | THREE-WAY APEX - MALE



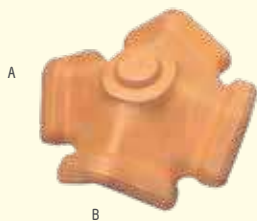
Peso | Weight: 3,4 Kg
 A: 105 mm
 B: 250 mm
 C: 260 mm

CRUZETA 3 HASTES - FÊMEA | THREE-WAY APEX - FEMALE



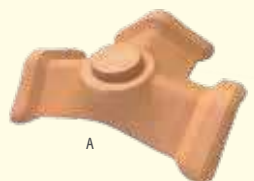
Peso | Weight: 3,9 Kg
 A: 110 mm
 B: 250 mm
 C: 250 mm
 D: 215 mm

CRUZETA DE 4 HASTES | FOUR-WAY APEX



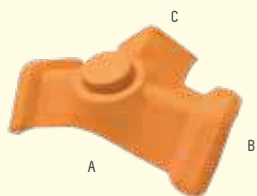
Peso | Weight: 4,7 Kg
 A: 250 mm
 B: 250 mm

CRUZETA DE EMPENA - MACHO | THREE-WAY GABLE APEX - MALE



Peso | Weight: 4,0 Kg
 A: 425 mm
 B: 250 mm

CRUZETA DE EMPENA - FÊMEA | THREE-WAY GABLE APEX - FEMALE



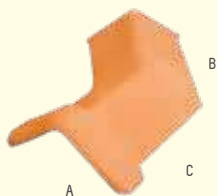
Peso | Weight: 3,5 Kg
 A: 260 mm
 B: 290 mm
 C: 280 mm

CUME TERMINAL | END RIDGE



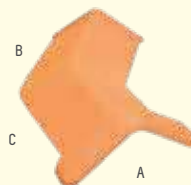
Peso | Weight: 2,9 Kg
 Uni./PaL.: 180
 A: 440 mm
 B: 260 mm

CUME CURVO ESQUERDO | CURVED RIDGE TILE - LEFT



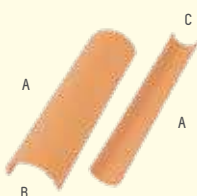
Peso | Weight: 2,9 Kg
 A: 250 mm
 B: 290 mm
 C: 3100 mm

CUME CURVO DIREITO | CURVED RIDGE TILE - RIGHT



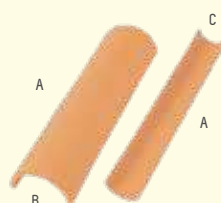
Peso | Weight: 2,9 Kg
 A: 250 mm
 B: 290 mm
 C: 3100 mm

BEIRAL 60/80 | EAVE 60/80



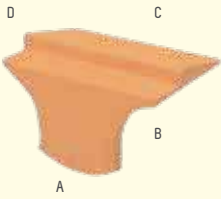
Peso | Weight:
 Capa | Cover 1,6 Kg a/to 2,2 Kg
 Caleira | Canal 3,3 Kg a/to 4,5 Kg
 Uni.: 5+5 ml
 A: 600 / 800 mm
 B: 165 mm
 C: 105 mm
 Uni./PaL.: 100

BEIRAL 100/120 | EAVE 100/120



Peso | Weight:
 Capa | Cover 3,2 Kg a/to 3,6 Kg
 Caleira | Canal 5,6 Kg a/to 7,0 Kg
 Uni.: 5+5 ml
 A: 1000 / 1200 mm
 B: 165 mm
 C: 105 mm
 Uni./PaL.: 100

REMATE BEIRAL | EAVE END



Peso | Weight: 0,6 Kg
 A: 7 mm
 B: 80 mm
 C: 145 mm
 D: 11 mm

CANTO DE BEIRAL DE 60 (11 PEÇAS) | CORNER EAVE 60 (11 PIECES)



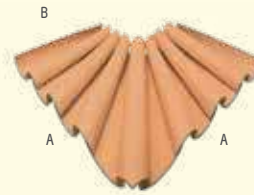
Peso | Weight: 14,9 Kg
 A: 595 mm
 B: 590 mm

CANTO DE BEIRAL 80 (15 PEÇAS) | CORNER EAVE 80 (15 PIECES)



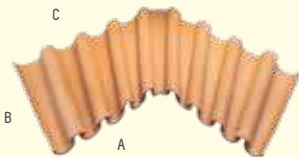
Peso | Weight: 34,1 Kg
 A: 810 mm
 B: 720 mm

CANTO DE BEIRAL 110 (15 PEÇAS) | CORNER EAVE 110 (15 PIECES)



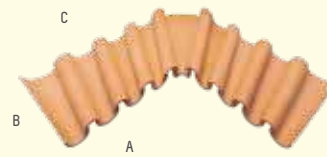
Peso | Weight: 45,9 Kg
 A: 1100 mm
 B: 1050 mm

CANTO DE BEIRAL 110 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 110 (17 PIECES)



Peso | Weight: 71 Kg
 A: 675 mm
 B: 890 mm
 C: 1440 mm

CANTO DE BEIRAL 60/80 RECUADO (17 PEÇAS) | RETREATING CORNER EAVE 60/80 (17 PIECES)



60 Peso | Weight: 40 Kg
 A: 730 mm
 B: 600 mm
 C: 1300 mm
80 Peso | Weight: 63 Kg
 A: 730 mm
 B: 800 mm
 C: 1300 mm

REMATE DE EMPENA - ESQUERDO | GABLE END - LEFT



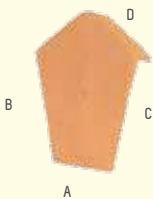
Peso | Weight: 1,7 Kg
 A: 460 mm
 B: 125 mm
 C: 115 mm

REMATE DE EMPENA - DIREITO | GABLE END - RIGHT



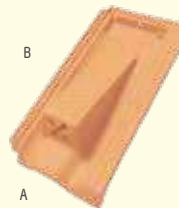
Peso | Weight: 1,7 Kg
 A: 460 mm
 B: 120 mm
 C: 110 mm

TAMPÃO DE CUMEEIRA | RIDGE END CAP



Peso | Weight: 1,8 Kg
 A: 150 mm
 B: 290 mm
 C: 205 mm
 D: 140 mm

TELHA PASSADEIRA COM VENTILAÇÃO | VENTILATION TILE



Peso | Weight: 4,0 Kg
 A: 254 mm
 B: 442 mm

TELHA DE CHAMINÉ | CHIMNEY TILE



Peso | Weight: 8,5 Kg ou/or 8,5 Kg
 A: 470 mm ou/or 425 mm
 B: 305 mm
 Ø telha | tile = 90 mm
 Ø tubo | tube (in.t) = 120 mm
 Ø tubo | tube (ext) = 140 mm

TELHA DE VIDRO | GLASS TILE



Peso | Weight: 0,5 Kg
 A: 258 mm
 B: 425 mm



COMPLEMENTOS E MINI-PEÇAS

COMPLEMENTS AND MINI-PARTS

Peças decorativas diversas
para aplicação em coberturas.

Various decorative pieces for
roofing applications.



PALMETA ALGARVE | ARROW ALGARVE



Peso | Weight: 0,2 Kg
A: 240 mm

A

PALMETA MINHO | ARROW MINHO



Peso | Weight: 0,2 Kg
A: 275 mm

A

PIRÂMIDE ÁRABE | PYRAMID ARABE



Peso | Weight: 0,8 Kg
A: 395 mm
B: 135 mm

A

B

PIRÂMIDE PINHA | PYRAMID PINHA



Peso | Weight: 0,8 Kg
A: 385 mm
B: 135 mm

A

B

PIRÂMIDE CÓNICA | PYRAMID CONICA



Peso | Weight: 0,9 Kg
A: 400 mm
B: 145 mm

A

B

PIRÂMIDE MINARETE | PYRAMID MINARETE



Peso | Weight: 1,3 Kg
A: 375 mm
B: 140 mm

A

B

PIRÂMIDE JUMBO | PYRAMID JUMBO



Peso | Weight: 1,3 Kg
A: 540 mm
B: 150 mm

A

B

ÁGUIA | EAGLE



Peso | Weight: 1,3 Kg
A: 340 mm
B: 145 mm

A

B

GATO | CAT

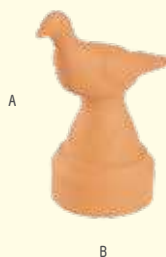


Peso | Weight: 1,3 Kg
A: 300 mm
B: 160 mm

A

B

ROLA | TURTLEDOVE

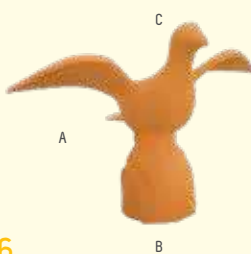


Peso | Weight: 0,8 Kg
A: 170 mm
B: 140 mm

A

B

ROLA DE ASAS ABERTAS | TURTLEDOVE OPEN WINGS



Peso | Weight: 1,6 Kg
A: 260 mm
B: 120 mm
C: 390 mm

A

B

PINHA | PINE

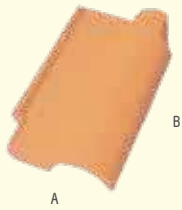


Peso | Weight: 2,9 Kg
A: 390 mm
B: 185 mm

A

B

MINI TELHA LUSA | LUSA MINI TILE



Peso | Weight: 0,9 Kg
 Uni.: 34 / m²
 A: 155 mm
 B: 265 mm
 Uni./Pal.: 920

MINI TELHA MERIDIAN | MERIDIAN MINI TILE



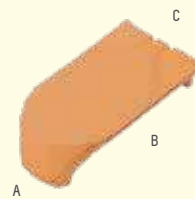
Peso | Weight: 0,9 Kg
 Uni.: 34 / m²
 A: 155 mm
 B: 265 mm
 Uni./Pal.: 720

MINI TELHA MOURISCA | MOURISCA MINI TILE



Peso | Weight: 0,4 Kg
 Uni.: 95 / m²
 A: 100 mm
 B: 250 mm
 C: 70 mm

MINI AGUEIRO | MINI UNDER RIDGE



Peso | Weight: 0,2 Kg
 Uni.: 8 / mL
 A: 35 mm
 B: 265 mm
 C: 120 mm

MINI CUME LUSO | MINI RIDGE TILE



Peso | Weight: 0,9 Kg
 Uni.: 4 / mL
 A: 155 mm
 B: 270 mm
 C: 120 mm

MINI CUME MERIDIAN | MERIDIAN MINI RIDGE TILE



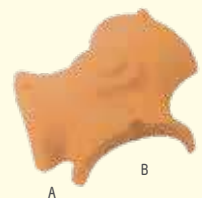
Peso | Weight: 0,6 Kg
 Uni.: 4 / mL
 A: 150 mm
 B: 265 mm
 C: 120 mm

MINI TERMINAL CONCHA | MINI RIDGE END SHELL



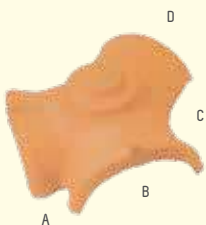
Peso | Weight: 0,8 Kg
 A: 120 mm
 B: 270 mm
 C: 150 mm

MINI CRUZETA 3 HASTES - MACHO | MINI THREE-WAY APEX - MALE



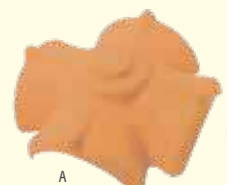
Peso | Weight: 1,3 Kg
 A: 65 mm
 B: 155 mm
 C: 160 mm

MINI CRUZETA 3 HASTES - FÊMEA | MINI THREE-WAY APEX - FEMALE



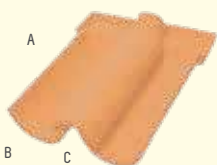
Peso | Weight: 1,3 Kg
 A: 65 mm
 B: 155 mm
 C: 150 mm

MINI CRUZETA 4 HASTES | MINI FOUR-WAY APEX



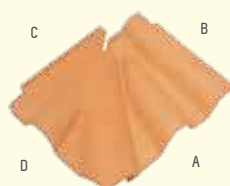
Peso | Weight: 0,9 Kg
 Uni.: 34 / m²
 A: 155 mm
 B: 265 mm
 Uni./Pal.: 920

MINI BEIRAL ESPECIAL (CAPA/CALEIRA) | MINI SPECIAL EAVE LUSA EAVE LUSA (COVER/CANAL)



Peso | Weight:
 Capa | Cover 0,7 Kg
 Caleira | Canal 0,9 Kg
 Uni.: 8+8 ml
 A: 300 mm
 B: 100 mm
 C: 80 mm

MINI CANTO LUSO - 2 PEÇAS | MINI CORNER EAVE LUSO - 2 PIECES



Peso | Weight: 2,3 Kg
 A: 310 mm
 B: 260 mm
 C: 250 mm
 D: 270 mm

MINI CANTO BEIRAL ESPECIAL - 2 PEÇAS | SPECIAL MINI CORNER EAVE - 2 PIECES

Peso | Weight: 3,3 Kg
A: 305 mm
B: 305 mm



MINI TERMINAL MERIDIAN | MINI END RIDGE

Peso | Weight: 0,6 Kg
A: 270 mm
B: 150 mm



MINI PIRÂMIDE PINHA | MINI PYRAMID PINHA

Peso | Weight: 0,1 Kg
A: 165 mm
B: 70 mm



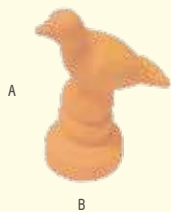
MINI PIRÂMIDE ÁRABE | MINI PYRAMID ÁRABE

Peso | Weight: 0,2 Kg
A: 180 mm
B: 85 mm



MINI ROLA | MINI TURTLEDOVE

Peso | Weight: 0,1 Kg
A: 165 mm
B: 70 mm



MINI PIRÂMIDE CÓNICA | MINI PYRAMID CÓNICA

Peso | Weight: 0,1 Kg
A: 180 mm
B: 75 mm



MINI PALMETA MINHO

Peso | Weight: 0,1 Kg
A: 175 mm



MINI PALMETA ALGARVE

Peso | Weight: 0,1 Kg
A: 175 mm



CERTIFICAÇÕES

A Cerâmica Sotelha é uma empresa certificada desde 1998 pela norma NP EN ISO 9002, tendo alcançado a certificação pela norma NP EN ISO 9001 em Setembro de 2002.

Foi a primeira empresa cerâmica portuguesa a apresentar no mercado produtos com a marca Produto Certificado, referente à Telha Lusa Vermelha e Telha Mourisca Vermelha.

Actualmente todos os tipos de Telhas comercializadas pela Cerâmica Sotelha estão certificadas no âmbito do sistema 5 de Certificação do Produto CERTIF, assegurando o Nível 1 de resistência ao gelo superando os 150 ciclos segundo ensaio da norma EN 539-2.



CERTIFICATIONS

Cerâmica Sotelha is a certified company since 1998 for the norm NP EN ISO 9002, having reached the certification for the norm NP EN ISO 9001 in September of 2002.

It was the first Portuguese ceramic company to present in the market products with the mark "Produto Certificado", regarding the Red Lusa Tile and Red Mourisca Tile.

Presently all of the tiles' models produced by Cerâmica Sotelha are certified in the extent of the "Sistema 5" of Product Certification, CERTIF, assuring the Level 1 of resistance to the ice overcoming the 150 cycles by the norm's EN 539 -2 trials.

GARANTIAS

A Máxima Garantia Sotelha de 40 Anos é concedida aos modelos de Telha ATLAS (Lusa) e Telha MERIDIAN (Marselha), já nos modelos GLOBO (Lusa), TROPIC (Marselha) e MOURISCA (Canudo) garantia é de 20 Anos contanto que, para ambas as gamas, sejam respeitadas as condições de aplicação constantes do manual de aplicação de telhas cerâmicas da APICER. Esta garantia abrange todas as zonas (I, II e III), segundo o mapa das zonas climáticas (pág. 52 e 53), o que representa a confiança que as telhas cerâmicas Sotelha conferem aos seus utilizadores.



WARRANTIES

The Maximum Sotelha's Warranty of 40 years is granted to the models of ATLAS (Lusa) and MERIDIAN (Marseilles). As to the GLOBE (Lusa), TROPIC (Marseilles) and MOURISCA (Canudo) models, the warranty is 20 Years as long as, for both ranges of tiles, the tile application rules present on the APICER's manual of application of ceramic tiles are respected. This warranty includes all of the areas (I, II and III), according to the map of the climatic areas (pag. 52 and 53), which represents the trust that Sotelha's ceramic tiles offer to their users.





RUSTICER

PAVIMENTOS

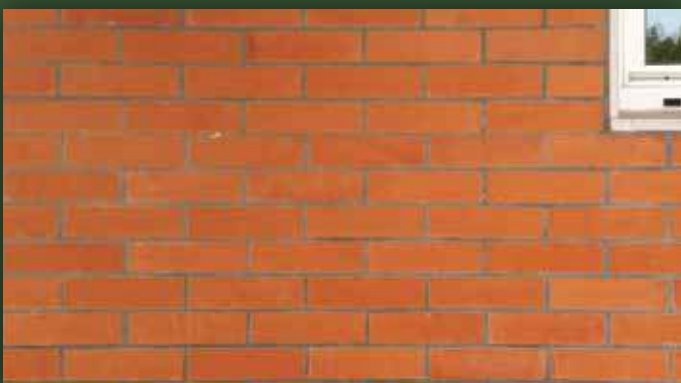
REVESTIMENTOS

ESPECIALIDADES

FLOOR TILES

WALL TILES

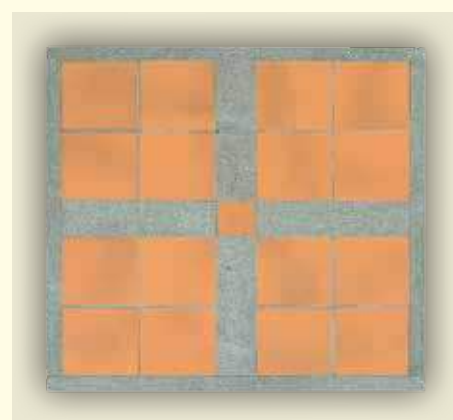
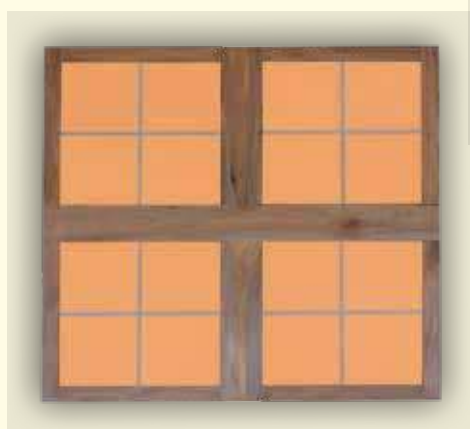
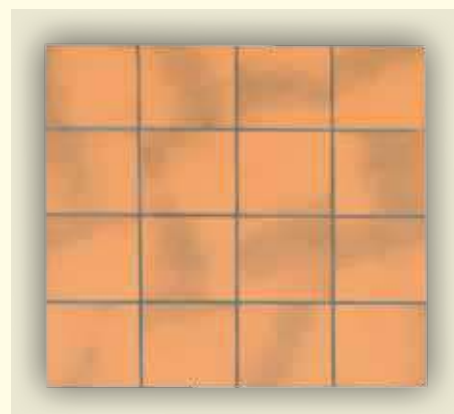
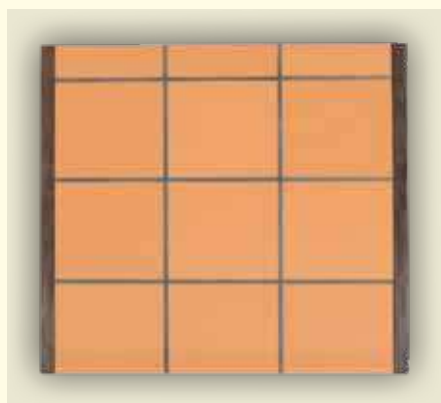
SPECIALTIES



PAVIMENTOS | FLOOR TILES



PAVIMENTOS | FLOOR TILES



NATURAL

FLAMÉ

| FORMATO NOMINAL SHAPE (cm) | 33 x 33 | 30 x 30 | 25 x 25 | 20 x 20 | 30 x 15 |
|---|-----------|-----------|-----------|-----------|-----------|
| PESO (Kg) WEIGHT (Kg) | 4,0 ± 0,2 | 2,2 ± 0,2 | 1,4 ± 0,2 | 0,8 ± 0,2 | 0,9 ± 0,2 |
| COMPRIMENTO (mm) LENGTH (mm) | 330 ± 5 | 296 ± 4 | 246 ± 4 | 196 ± 4 | 296 ± 4 |
| LARGURA (mm) WIDTH (mm) | 330 ± 5 | 296 ± 4 | 246 ± 4 | 196 ± 4 | 146 ± 3 |
| ESPESSURA (mm) THICKNESS (mm) | 19 ± 1 | 14 ± 1 | 13 ± 1 | 12 ± 1 | 12 ± 1 |
| PEÇAS / M ² PIECES / M ² | 9 | 11 | 16 | 25 | 22 |
| LARGURA DA JUNTA (mm) WIDTH OF THE JOIN (mm) | ≥ 8 | ≥ 8 | ≥ 8 | ≥ 8 | ≥ 8 |

REVESTIMENTOS | WALL TILES



REVESTIMENTOS | WALL TILES



23 x 7
NATURAL | FLAMÉE



23 x 7,5 ITALCER
NATURAL | FLAMÉE



20 x 10
NATURAL | FLAMÉE



30 x 15
NATURAL | FLAMÉE

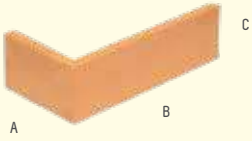


30 x 15 RINCOADO
NATURAL | FLAMÉE

| FORMATO NOMINAL SHAPE (cm) | 23 x 7 | 23 x 7,5 ITALCER | 20 x 10 | 30 x 15 | 30 x 15 RINCOADO |
|---|------------|---------------------|------------|-----------|---------------------|
| PESO (Kg) WEIGHT (Kg) | 0,33 ± 0,2 | 0,38 ± 0,2 | 0,42 ± 0,2 | 0,9 ± 0,2 | 0,9 ± 0,2 |
| COMPRIMENTO (mm) LENGHT (mm) | 226 ± 4 | 226 ± 4 | 196 ± 4 | 296 ± 4 | 296 ± 4 |
| LARGURA (mm) WIDTH (mm) | 68 ± 3 | 73 ± 3 | 96 ± 4 | 146 ± 3 | 146 ± 3 |
| ESPESSURA (mm) THIKNESS (mm) | 12 ± 1 | 14 ± 1 | 12 ± 1 | 12 ± 1 | 12 ± 1 |
| PEÇAS / M ² PIECES / M ² | 60 | 60 | 50 | 22 | 22 |
| LARGURA DA JUNTA (mm) WIDTH OF THE JOIN (mm) | ≥ 8 | - | ≥ 8 | ≥ 8 | ≥ 8 |

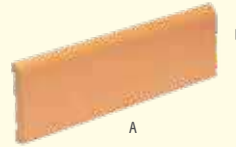
ESPECIALIDADES | SPECIALITIES

ESQUADRO | CORNER



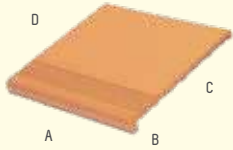
Peso | Weight: 0,5 Kg
A: 105 mm
B: 225 mm
C: 70 mm
Uni./Pal.: 2000

RODAPÉ | BULLNOSE



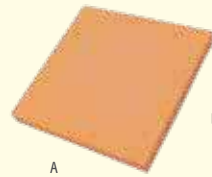
Peso | Weight: 0,6 Kg
Uni.: 3,3 mL
A: 300 mm
B: 80 mm
Uni./Pal.: 3003

DEGRAU | STEP



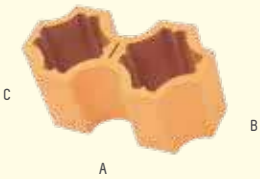
Peso | Weight: 2,3 Kg
A: 300 mm
B: 20 mm
C: 280 mm
D: 300 mm
Uni./Pal.: 702

LAR DE FORNO 30x30



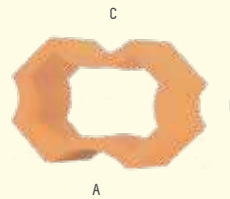
Peso | Weight: 5,1 Kg
Uni.: 11,5 / m²
A: 295 mm
B: 295 mm
Altura / Height: 30 mm

GRADILHA NANTILIA



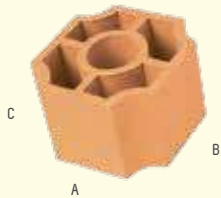
Peso | Weight: 1,5 Kg
Uni.: 38 / m²
A: 230 mm
B: 110 mm
C: 95 mm
Uni./Pal.: 360

GRADILHA MARTINICA



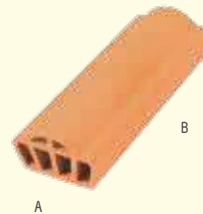
Peso | Weight: 1,3 Kg
Uni.: 42 / m²
A: 170 mm
B: 100 mm
C: 95 mm
Uni./Pal.: 420

GRADILHA FLOR



Peso | Weight: 1,5 Kg
Uni.: 45 / m²
A: 150 mm
B: 150 mm
C: 95 mm
Uni./Pal.: 420

CORRIMÃO | HANDRAIL



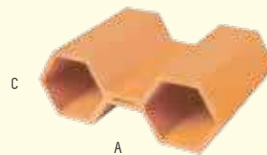
Peso | Weight: 2,5 Kg
Uni.: 3,3 / mL
A: 105 mm
B: 300 mm
Uni./Pal.: 312

CUME GERAL | GERAL RIDGE



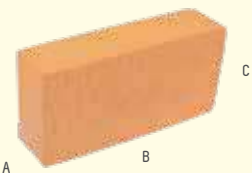
Peso | Weight: 2,8 Kg
A: 440 mm
B: 260 mm
C: 220 mm

GARRAFEIRA HEXAGONAL | CELLARET



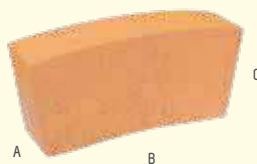
Peso | Weight: 3,9 Kg
Uni.: 27 / m²
A: 320 mm
B: 230 mm
C: 15 mm
Uni./Pal.: 162

TIJOLO MACIÇO 23x11x6 | BRICK 23x11x6



Peso | Weight: 2,8 Kg
A: 60 mm
B: 230 mm
C: 110 mm
Uni./Pal.: 408

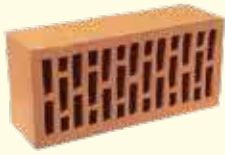
TIJOLO MACIÇO CURVO 23x11x6 | CURVED BRICK 23x11x6



Peso | Weight: 2,5 Kg
A: 60 mm
B: 230 mm
C: 110 mm
Uni./Pal.: 420

ESPECIALIDADES | SPECIALITIES

TIJOLO ESPIGUEIRO RETÂNGULO | ESPIGUEIRO RECTANGLE BRICK



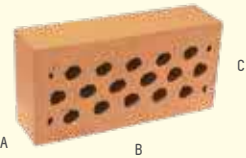
Peso | Weight: 1,8 Kg
A: 60 mm
B: 230 mm
C: 110 mm
Uni./Pal: 476

TIJOLO ESPIGUEIRO LOSANGO | ESPIGUEIRO DIAMOND BRICK

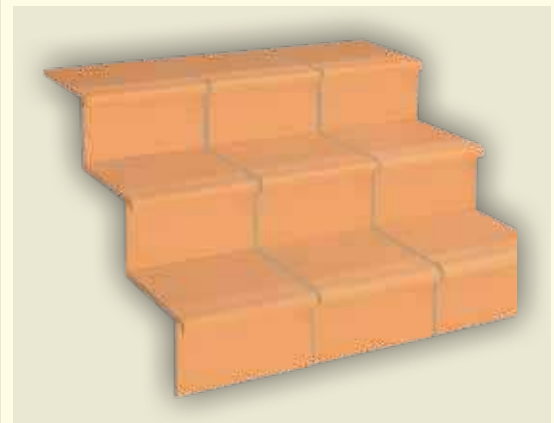
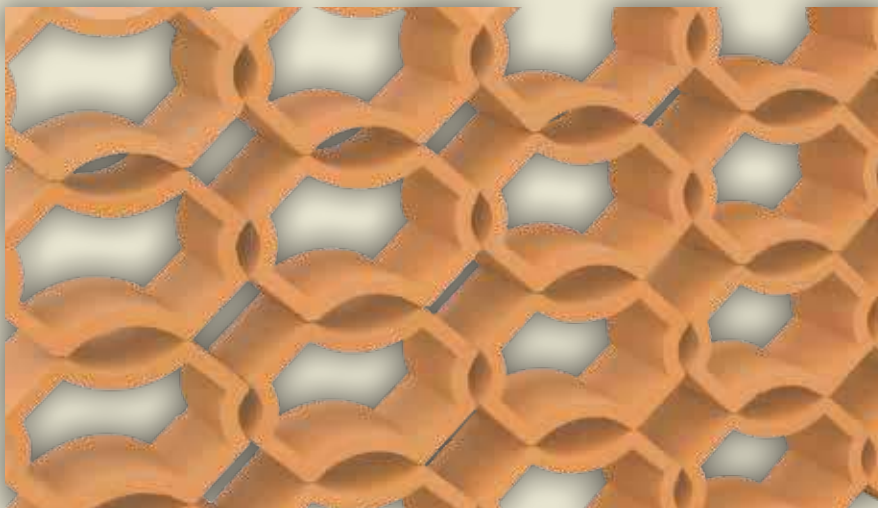
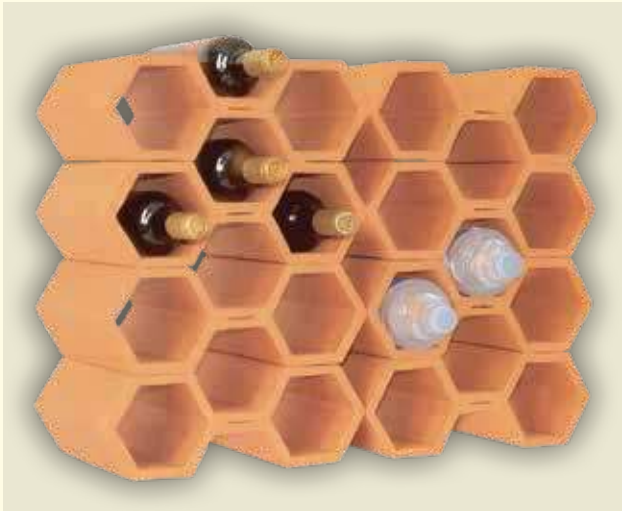


Peso | Weight: 2,55 Kg
A: 60 mm
B: 230 mm
C: 110 mm
Uni./Pal: 408

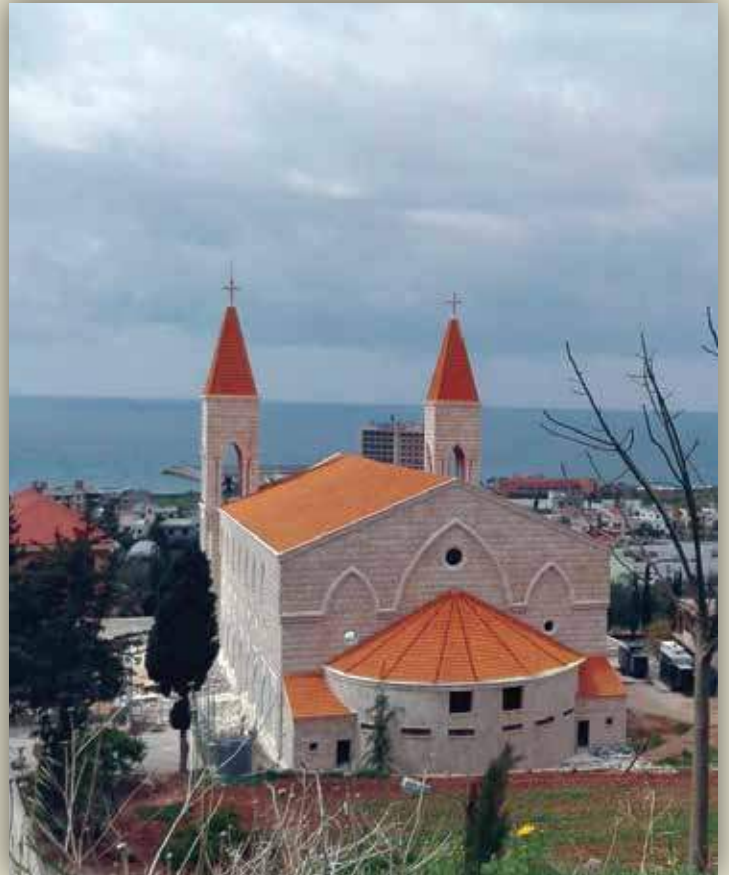
TIJOLO PERFURADO 23x11x6 | PERFORATED BRICK 23x11x6



Peso | Weight: 2,3 Kg
A: 60 mm
B: 230 mm
C: 110 mm
Uni./Pal: 680



GALERIA OBRAS / GALLERY OF WORKS



GALERIA OBRAS / GALLERY OF WORKS



GALERIA OBRAS / GALLERY OF WORKS



GALERIA OBRAS / GALLERY OF WORKS



INFORMAÇÕES TÉCNICAS

INCLINAÇÃO DA COBERTURA (PENDENTE)

Podem ocorrer defeitos em coberturas de telha cerâmica, afetando o cumprimento dos requisitos funcionais, em resultado de incorrecções na inclinação das coberturas, as quais podem ocorrer quer por excesso quer por defeito.

INCLINAÇÕES EXCESSIVAS

Coberturas efetuadas com inclinações de forte pendente devem incorporar as adequadas fixações aos elementos de suporte, de modo a impedir o deslocamento e até a queda de telhas por ação de agentes diversos, com especial destaque para a ação dos ventos.

INCLINAÇÕES INSUFICIENTES

Nestas coberturas fica prejudicado o escoamento de águas pluviais e facilita a sua infiltração, sobretudo quando a chuva é acompanhada por vento. Para além disso, gera-se nestes casos com mais facilidade e acumulação de lixos, musgos e outros agentes com interferência na eficácia de funcionamento da cobertura.

Recomendamos, que antes de iniciar a sua cobertura, verifique qual a Zona do Território Nacional em que esta se localiza, assim como a sua situação, para que as inclinações mínimas, indicadas pelo fabricante sejam respeitadas.

Em função dos elementos apresentados, divide-se o Território Nacional em 3 zonas:

ZONA I

Interior Sul do Continente, Alentejo e parte do Algarve.

ZONA II

Norte e Sul do Continente com altitude inferior a 600m, faixa costeira de 20 Km e terras quentes de Trás-os-Montes.

ZONA III

Interior Norte do Continente com altitudes superiores a 600m, faixa costeira de 20 Km, terras quentes de Trás-os-Montes e Costa Algarvia até Lagos.

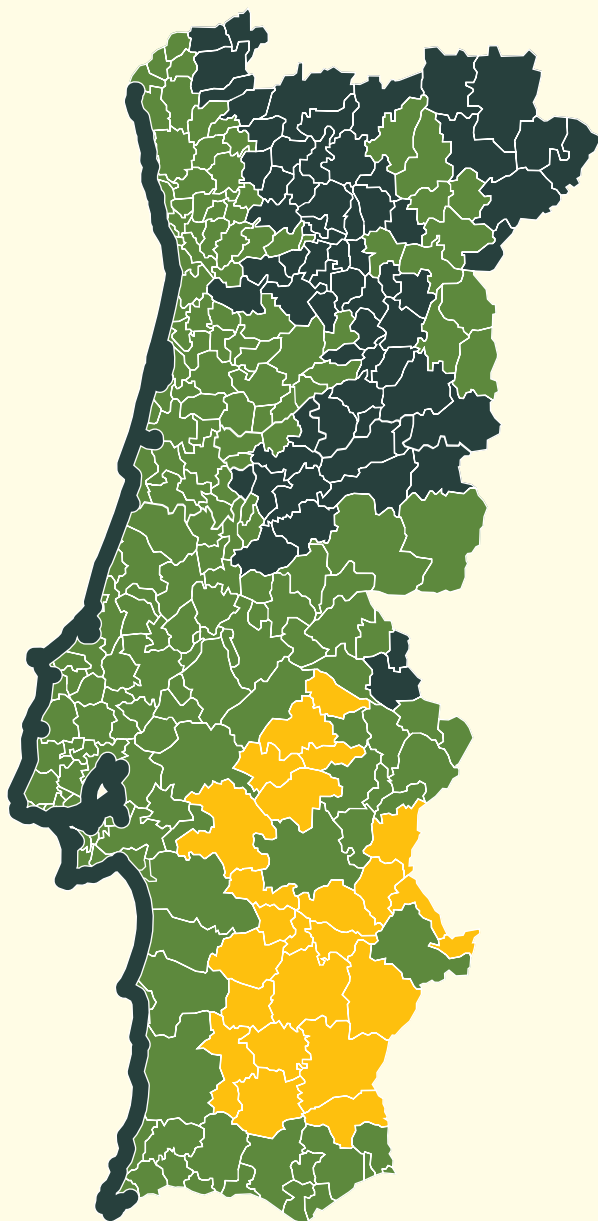
INCLINAÇÕES MÍNIMAS RECOMENDÁVEIS (%)

| PENDENTE | SITUAÇÃO | ZONA I | ZONA II | ZONA III |
|--------------|-----------|--------|---------|----------|
| <6,0 m | Protegida | 23% | 28% | 32% |
| | Normal | 26% | 31% | 36% |
| | Exposta | 30% | 36% | 41% |
| 6,0 a 10,0 m | Protegida | 26% | 31% | 36% |
| | Normal | 29% | 34% | 40% |
| | Exposta | 33% | 39% | 46% |
| >10,0 m | Protegida | 28% | 33% | 39% |
| | Normal | 31% | 37% | 43% |
| | Exposta | 36% | 43% | 50% |

Situação Protegida: Área totalmente rodeada por elevações de terreno, abrigada face a todas as direções de incidência dos ventos.

Situação Normal: Área praticamente plana, podendo apresentar ligeiras ondulações do terreno.

Situação Exposta: Área do litoral até uma distância de 5 Km do mar no cimo de falésias, em ilhas ou penínsulas estreitas, estuários ou baías muito cavadas. Vales estreitos (que canalizam ventos), montanhas altas e isoladas e algumas zonas de planaltos.



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