



LUSA MODERN INTERLOCKING 'S' TILE
NORTHERN ROOF TILES U.S. INC.
IMPORTERS OF FINE CLAY ROOF TILES SINCE 1991

FALL 2019

LUSA - Interlocking Roman Tile

MANUFACTURER INFORMATION

Manufacturer: Tejas Cobert
Factory Location: Outeiro (Portugal)
Importer: Northern Roof Tiles US Inc.

Weatherproof and perfect fit

Deep double side &
headlocks give total
weather protection

Smooth Finish



**Flat pan with
narrow tapered
barrel**

**Available in a
wide range of
natural shades
and glazed colors**

**Extensive range
of fittings and
accessories are
available**

**Suitable for
low pitch roofs**

Thick butt

Gives strong
horizontal shadow
lines on the roof



APPROVALS & CERTIFICATIONS

ASTM C1167 Grade 1
FIRE RATED - Class A UNE 13501-1
UNE EN 1304
Aenor EN 1404
Certif EN 1304
Apcer ISO 9001
IQNET ISO 9001

NORTHERN ROOF TILES U.S. INC.

IMPORTERS OF FINE CLAY ROOF TILES SINCE 1991

4023 Kennett Pike, Suite 856, Wilmington DE 19807-2018

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www.NORTHERNROOFTILES.com

TILE DETAILS

Tile Profile:	Lusa Interlocking Tapered 'S'
Tile Size:	18" x 10 3/4"
Tile Exposure:	15" x 8 3/4"
Pieces Per Square:	110
Weight Per Piece:	8 lbs
Weight Per Square:	860 lbs
Available Colors:	Natural Red, Magma, Straw, Tobacco, Ebony Glazed Black Grafito, Glazed Cinnamon, Glazed Emerald & Glazed Blue Dubia

AVAILABLE FITTINGS

Ridge Tile - 15" Interlocking
Ridge Starter
Hip Tile - 15" Interlocking
Hip Starter
Right & Left Hand Gable Tiles
Half Tile
3 Way Terminal



ICE
RESISTANCE



VERY LOW
ABSORPTION



HIGHEST
BREAKING
STRENGTH



MAXIMUM
IMPERMEABILITY

GREEN FRIENDLY

100% Recyclable Material
Solar Ready Installation
Green Energy Production

MANUFACTURING & FIRING PROCESS:

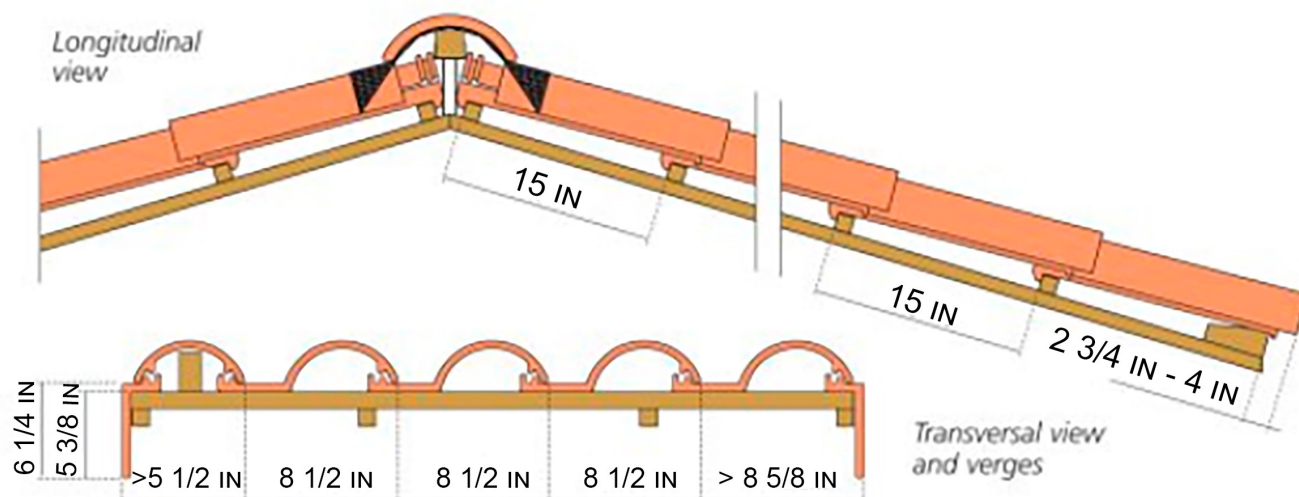
After the raw clay has been prepared and processed it is extruded into pads.

At this point the clay will have a moisture content of between 5 and 7%.

The pad is pressed between two dies which form the top and underside of the tile. The shaped tile after pressing, is dried to reduce the moisture content to less than 1%. The drying process also heats the tile close to 250 °C in preparation for firing.

Once dried the tile is loaded onto individual cassettes and travel thru the kiln which fires the tiles to over 1000 Deg C. During this firing process the engobe becomes fuzzed to the tile and becomes an integral part of the tile.

In addition, we only paint with color engobes over brown clay (with manganese) because the dimensional stability is better for the long life of the color in the roof avoiding cracking.



LUSA - Interlocking Roman Tile

Regular Colors

Available Colors: Natural Red, Magma, Straw, Tobacco, Ebony, Ruby

Glazed Black Grafito, Glazed Cinnamon, Glazed Emerald & Glazed Blue Dubia

Tile Profile: Lusa Interlocking Roman

Square Per Load: 45

Tile Size: 18" x 10 3/4"

Weight Per Piece: 9 lbs

Tile Exposure: 15" x 8 3/4"

Weight Per Square: 880 lbs

Pieces Per Square: 110

Weight Per Pallet: 2290 lbs

Regular Production Colors



NATURAL RED



MAGMA



STRAW WHITE GLASS



TOBACCO



EBONY



RUBY

LUSA - Interlocking Roman Tile

Glazed Colors

Available Colors: Natural Red, Magma, Straw, Tobacco, Ebony, Ruby

Glazed Black Grafito, Glazed Cinnamon, Glazed Emerald & Glazed Blue Dubia

Tile Profile: Lusa Interlocking Roman

Square Per Load: 45

Tile Size: 18" x 10 3/4"

Weight Per Piece: 9 lbs

Tile Exposure: 15" x 8 3/4"

Weight Per Square: 880 lbs

Pieces Per Square: 110

Weight Per Pallet: 2290 lbs

Regular Production Colors



CINNAMON



GRAPHITE



AZUL DUBAI BLUE



EMERALD





Tile Size: 18" x 10 3/4"
Tile Exposure: 15" x 8 3/4"
Pieces Per Square: 110



Half Round Tapered
Overlapping Hip
15" Exposure



Half Round Tapered
Overlapping Ridge
15" Exposure



Half Round Hip Starter



Half Round Ridge End



Left Hand Gable Rake



Right Hand Gable Rake



Half Tile



Double Tile



3 Way Apex



4 Way Apex



Clay Bird Stop



Clay Wedge Filler
for Under Ridge & Hip Tiles



