

PLANA MODERN FLAT INTERLOCKING
NORTHERN ROOF TILES U.S. INC.
IMPORTERS OF FINE CLAY ROOF TILES SINCE 1991

FALL 2019

PLANA - Flat Interlocking

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 Surface



Square edges

Thick butt

Gives strong horizontal shadow lines

Can be used
on vertical walls
for cladding

Perfect for
low pitch roofs

Designer touch

Designed by Roman Benedito,
head of the prestigious
industrial design company
Benedito Design.



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

Phone: 888.678.6866 Fax: 888.389.2682

www.NORTHERNROOFTILES.com

TILE DETAILS

Tile Profile:	Plana Flat Interlocking Tile
Tile Size:	18" x 11 1/4"
Tile Exposure:	14 3/8" x 9 3/8"
Pieces Per Square:	106
Weight Per Piece:	10 lbs
Weight Per Square:	1060 lbs
Available Colors:	Natural Red, Magma, Glaciar White, Tobacco, Ebony, Gelena, Glozy Moon and Glazed Dubai Blue

AVAILABLE FITTINGS

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

GREEN FRIENDLY

100% Recyclable Material
Solar Ready Installation
Green Energy Production



ICE
RESISTANCE



VERY LOW
ABSORPTION



HIGHEST
BREAKING
STRENGTH



MAXIMUM
IMPERMEABILITY

MANUFACTURING & FIRING PROCESS:

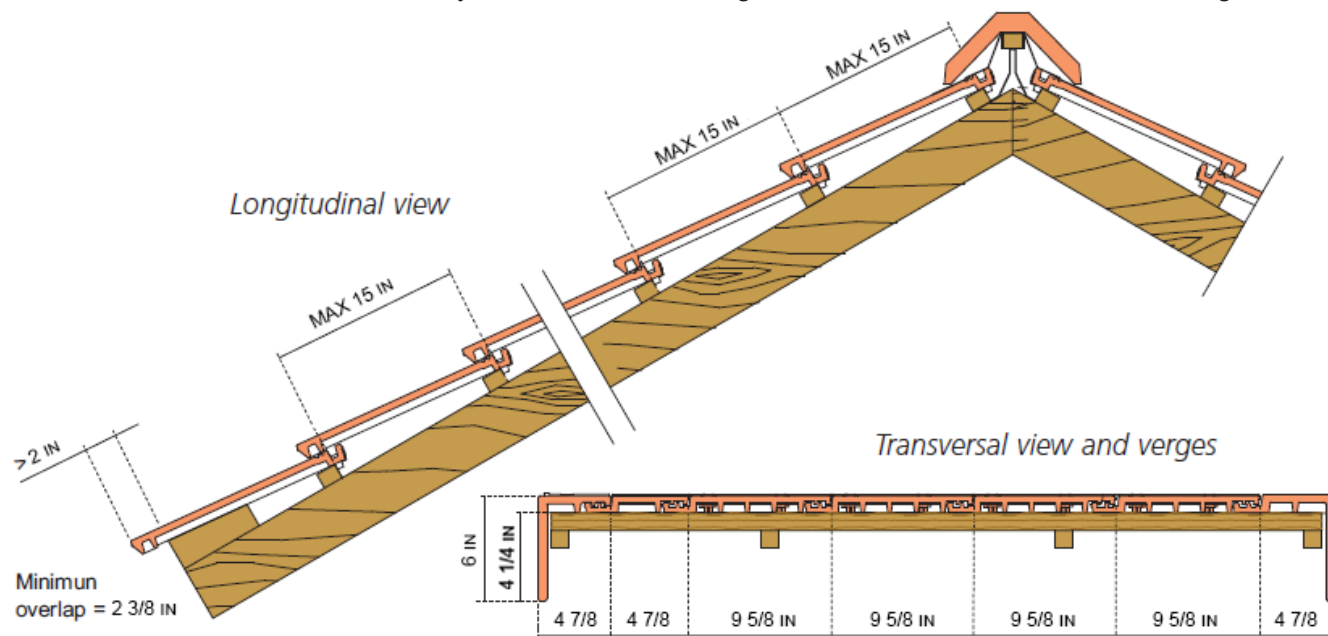
After the raw clay has been prepared and processed it is extruded into pads.

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 through the kiln which fires the tiles to over 1000 Deg C. During this firing process the engobe becomes fused 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.



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Available Colors: Natural Red, Magma, Glaciar White, Tobacco, Ebony, Gelena, Glozy Moon & Glazed Dubai Blue

Tile Profile: Plana Flat Interlocking Tile
Tile Size: 18" x 11 ¼"
Tile Exposure: 14 ⅜" x 9 ⅜"
Pieces Per Square: 106

Square Per Load: 38
Weight Per Piece: 10 lbs
Weight Per Square: 1060 lbs
Weight Per Pallet: 2890 lbs

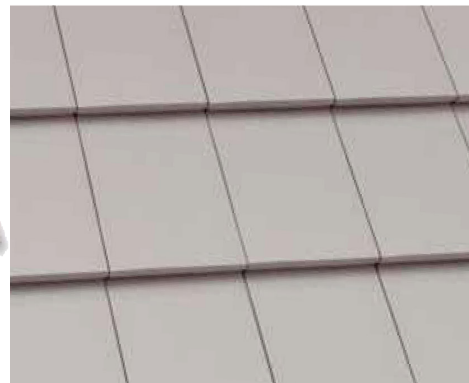
Regular Production Colors



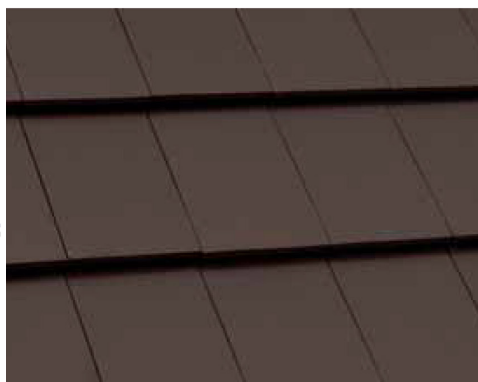
NATURAL RED (ROJO)



GLACIER WHITE



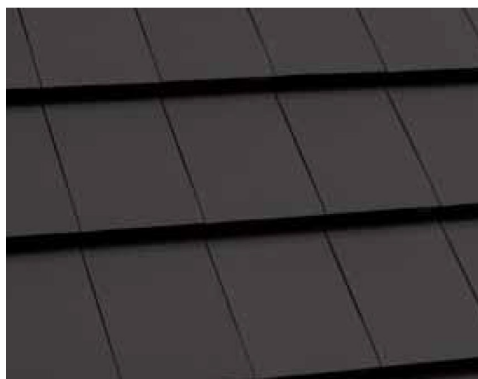
TOBACCO BROWN



MOON (LUNA)
METALLIC SILVER GRAY



EBONY GRAY



GALENA



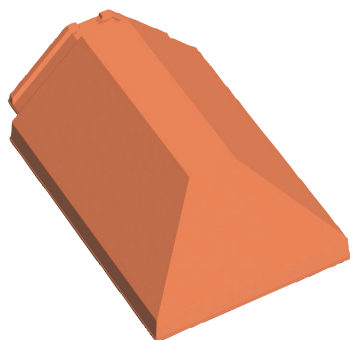
MAGMA



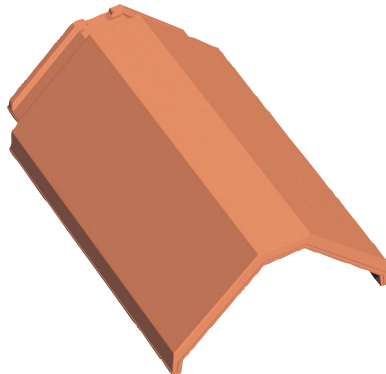
GLAZED BLUE DUBAI



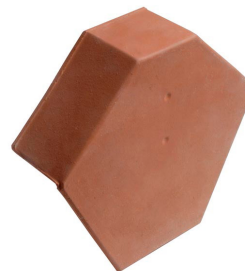
PLANA - Flat Interlocking



Angled Hip Starter



Angled Hip / Ridge Tile



Ridge End



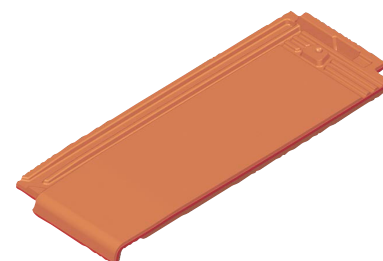
Gable - Left



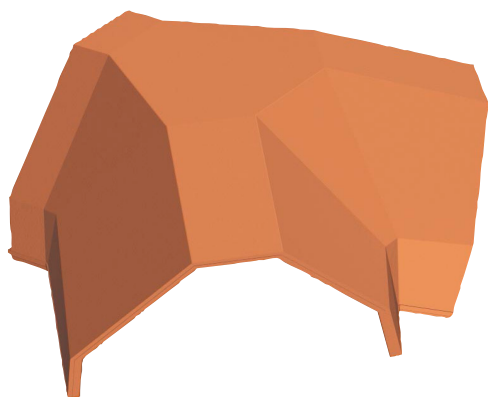
Gable - Right



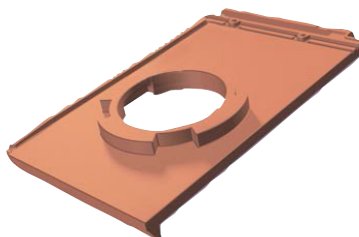
Universal Gable Tile



Half Tile



3 Way



Vent Tile



Lantern Tile





