



2005 EDITION



Terracotta Roofing Book



PLAIN TILES



INTERLOCKING TILES



BARREL TILES



MEDITERRANEAN TILES



OUTSTANDING TILES

LAMBERT

TBF

GUIRAUD

ROOF TILES AND WALL CLADDINGS

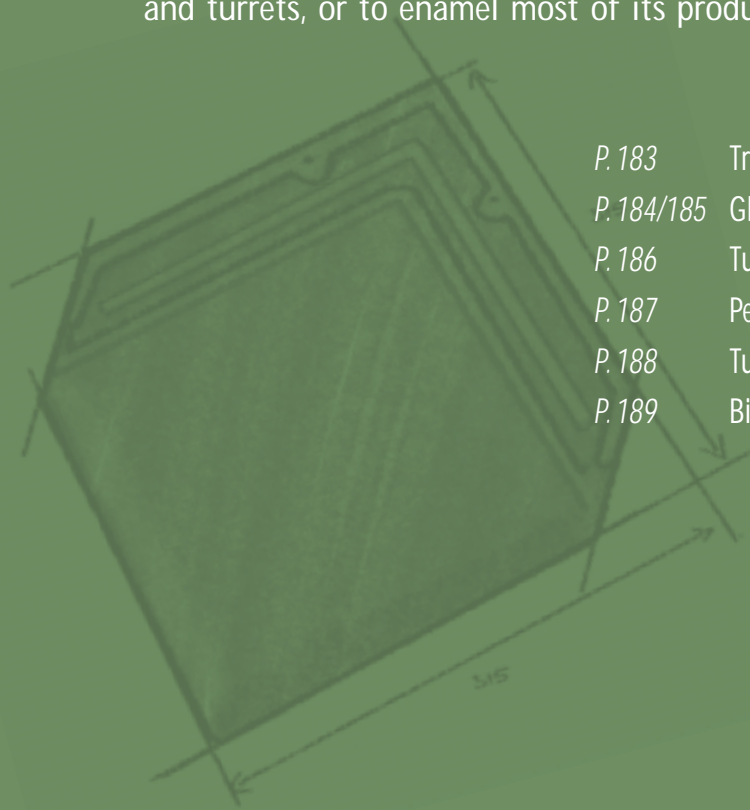


TERREAL
TERRACOTTA

Outstanding Tiles



For outstanding buildings, Terreal also proposes a unique line of original tiles. Some of them were created from special requests, such as the Fleur de Lys, reproducing a Victorian model. Others have innovative designs, such as the Tuilauze or Tuile Z. And finally, Terreal has dedicated specialized workshops to cut trapezoidal tiles, for towers and turrets, or to enamel most of its product-line.



- P. 183 Trapezoidal Tiles
- P. 184/185 Glazed and Satin Finish Tiles
- P. 186 Tuile Z
- P. 187 Peranakan 8
- P. 188 Tuilauze
- P. 189 Biber and Fleur de Lys

Please Note: The minimum-pitch and ventilation recommendations of the following pages are only applicable in the United Kingdom and in the Republic of Ireland. For projects out of the British Islands, please contact your local Terreal distributor and refer to the French Clay-Tile Laying Standards (ref. DTU 40.23, 40.21 and 40.211). Please contact us for further details regarding these standards: rooftiles@terreal.co.uk



Trapezoidal Tiles



Trapezoidal tiles are plain or barrel tiles which have been cut to cover conical roofs. They are used to cover towers or turrets either straight or with multiple pitches.

Cover Supports

Plain tiles are laid on battens or timber strips. The battens may be replaced by arches of soft galvanized steel, welded at each end and stapled on the course.

Trapezoidal Tiles

Terreal will cut trapezoidal plain tiles (or barrel tiles) following the plans specified by the contractor. For each row, the tiles are cut so that their joints are in line with the centre of the tiles underneath. Each row differs from the previous one. When a full trapezoidal tile can replace two cut tiles, we call it "two for one swap". Please note that, due to the difficulty to match the critical and actual circumferences, the roofer will generally have to cut again a couple of tiles at each row.

Finishing

Tiles are laid as close as possible to the top of the tower. What is left is covered by a metal or terracotta cap, that supports most of the time either a finial or a weather vane.

A Made-to-Measure Service

Using the measurements supplied by the contractor, Terreal's technicians determine the quantity of tiles required and a cut plan for all tiles on the turret. Each tile is cut to size and numbered row by row. For these made-to-measure orders, a 50% advance payment is required.

Dimensions to provide for a simple turret

- Height H:
- Radius R:
- Full turret:
- Half turret:
- Penetrating turret:
- Gauge:

Dimensions to provide for a turret with multiple pitches

- Height H1:
- Height H2:
- Radius R1:
- Radius R2:
- Angle α_1 :
- Angle α_2 :
- Full turret:
- Half turret:
- Penetrating turret:
- Gauge:

Glazed Tiles

Glazed Tiles

Most Terreal interlocking tiles can be glazed. Please contact you local Terreal representative for more information.



Chamonix White



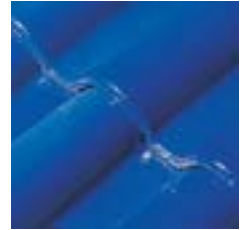
London Grey



Pitch Black



Brussels Black



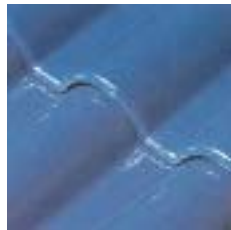
Alizé Blue



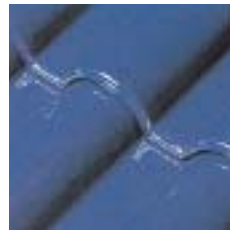
Papeete Blue



Fiji Blue



San Francisco Blue



Paris Blue



Miami Blue



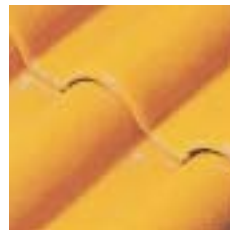
Sydney Blue



Brasilia Green



Dublin Green



Singapore Yellow



Beijing Red



Porto Red



Amsterdam Red



Cognac Red



Madrid Brown



Tunis Brown

- Glazed finishes are achieved after a second firing of the tile on which a glaze layer has been first applied. The resulting colour is opaque, bright and very dense. Glazed tiles are the most upscale of colour tiles.
- Call your local Terreal distributor for more information about special glazed skins: Inca gold, silver, and translucent glazed finish.





Satin Finish Tiles

Most Terreal interlocking tiles are available with a satin finish. Please contact your local Terreal representative for more information.



Mouse Grey



Coffee Black



Blue Lagoon



Blue Jean



Northspring Dark Blue



Light Blue



Mint Green



Copper Green



Carmine Red



Brown

- Satin finish is similar to glazed finish, with less enamel applied on the tile before the second firing, to lower costs. The thinner glaze layer results in aspects ranging from mat to slightly glossy.



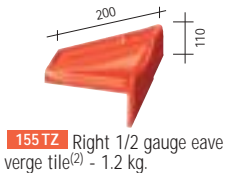
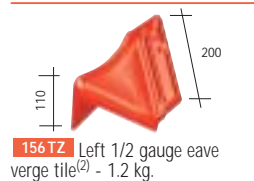
Tuile Z

Tuile Z



Tuile Z is available in 4 colours:

- Natural Red
- Nothern Brown
- Rustic Brown
- Dark Pink Multi



See P. 168 (Romane TBF) regarding other available accessories for hips and ridges.

Overall dimensions (mm)	315 x 315
Minimum pitch ⁽¹⁾	25° / 47%
Average gauge (mm)	185
Average cover width (mm)	350
Tiles per sq.m.	15.5
Unit weight (kg)	2.5
Tiles per pallet ⁽³⁾	240

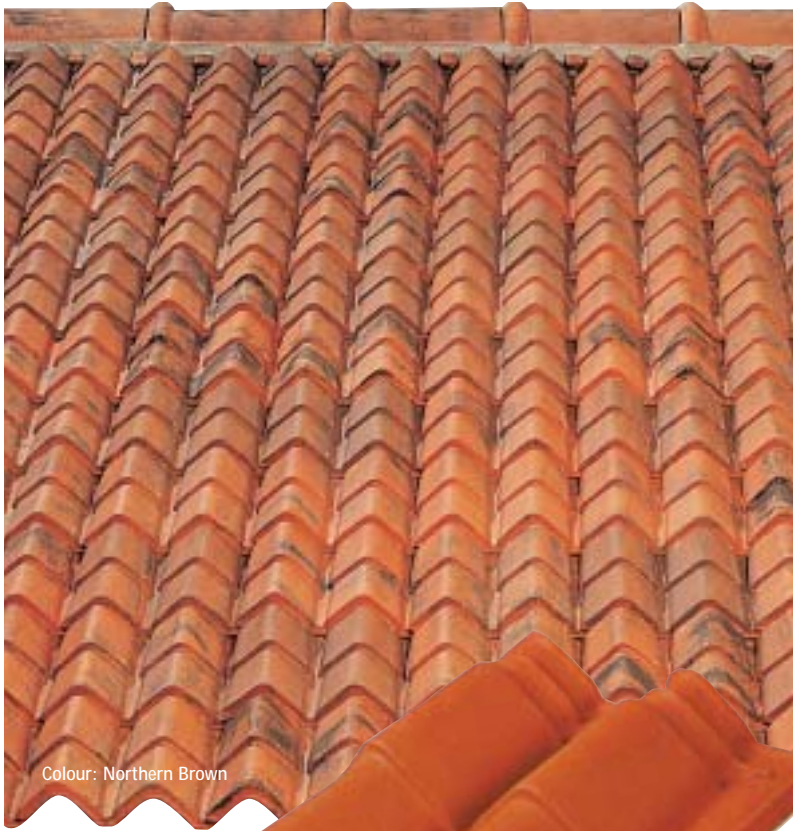
ARCHITECT'S SPECIFICATION

The tiles shall be interlocking clay tiles, with the following characteristics:

- Small format, with an gauge shaped as a lozenge.
- The lozenge shall be curved downward lengthwise, to make the tile look as if hanging.
- Tiles per sq.m.: 15.5.

Dimensions in mm are outside dimensions. (1) See P. 194 for a complete table of minimum roof pitches. (2) Available upon order. (3) The number of tiles per pallet is indicative only. All clay tile dimensions admit normative variations of ± 2%.

Peranakan 8 TBF



Colour: Northern Brown

1 P8



Colour: Natural Red

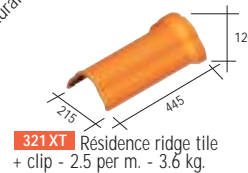
Created for Singapore and Malacca, the Peranakan 8 TBF reproduces the design of small V-shaped Chinese tiles which are traditionally used in the South-East Asia straits. It is frequently glazed to cover pagodas, on religious buildings or rich merchants' houses.

Peranakan 8 is available in 5 colours:

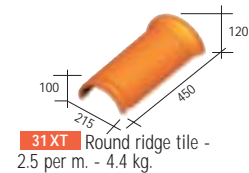
- Natural Red
- Northern Brown
- Rustic Brown
- Dark Buff Multi
- Dark Red Multi

Peranakan 8 TBF

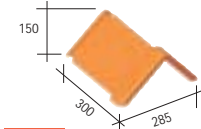
Overall dimensions (mm)	293 x 310
Minimum pitch ⁽¹⁾	12.5° / 23%
Gauge (mm)	263
Cover width (mm)	285
Tiles per sq.m.	13.5
Unit weight (kg)	3.4
Weight per sq.m. (kg)	46
Battens (ml/sq.m.)	3.8
Laid	Straight / Broken bond
Tiles per pallet ⁽²⁾	300



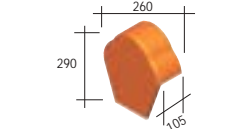
321 XT Residence ridge tile + clip - 2.5 per m. - 3.6 kg.



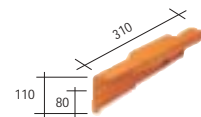
31 XT Round ridge tile - 2.5 per m. - 4.4 kg.



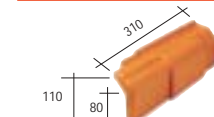
333 XT Flemish ridge tile - 4 per m. - 3.3 kg.



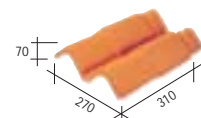
367 XT Residence ridge end (pediment) - 2.4 kg.



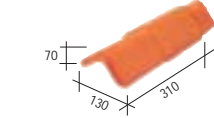
16 P8 Left verge tile - 3.8 per m. - 1.1 kg.



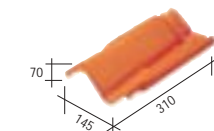
17 P8 Right verge tile - 3.8 per m. - 1.1 kg.



151 P8 Double roll tile - 2.8 kg.



508 P8 Bended Peranakan 8 - 1.1 kg.



5 P8 1/2 tile - 1.8 kg.

ARCHITECT'S SPECIFICATION

The tiles shall be interlocking clay tiles, with the following characteristics:

- With a double V-shaped cornet on the exposed area.
- Tiles per sq.m.: 13.5.

Dimensions in mm are outside dimensions.

(1) See P. 194 for a complete table of minimum roof pitches.

(2) The number of tiles per pallet is indicative only.

All clay tile dimensions admit normative variations of $\pm 2\%$.



Tuilauze

Tuilauze

Tuilauze reproduces the look and the rough skin of stone tiles, but stays true to the clay it is crafted from: it is light-weighted, robust, and economical. Tuilauze has revived a traditional European roofing style that had faded away, and can now come back on new or renovated roofs.



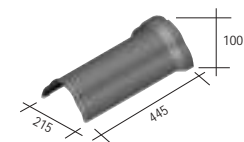
Colour: Cevennes Shade



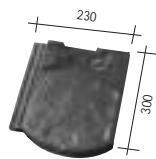
Cevennes Shade

Unique: the Tuilauze is made of 24 different bullnose-textures!

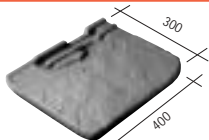
1 TL



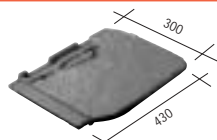
321 XT Residence ridge tile + clip - 2.5 per m. - 3.6 kg.



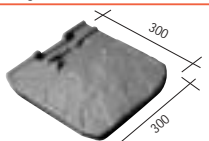
5 TL 1/2 tile - 2.4 kg.



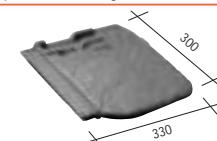
89 TL Left verge tile - 5 per m. - 3.75 kg.



90 TL Right verge tile - 5 per m. - 2.75 kg.



893 TL 3/4 gauge left verge tile - 2.8 kg.



894 TL 3/4 gauge right verge tile - 2.8 kg.

See P. 168 (Romane TBF) regarding other available accessories for hips and ridges.

Overall dimensions (mm)	430 x 300
Minimum pitch ⁽¹⁾	22.5° / 42%
Gauge (mm)	194
Cover width (mm)	397
Tiles per sq.m.	13
Unit weight (kg)	3.6
Weight per sq.m. (kg)	47
Battens (ml/sq.m.)	5.2
Laid	Broken bond
Tiles per pallet ⁽²⁾	180

ARCHITECT'S SPECIFICATION

- The tiles shall be interlocking clay tiles, with the following characteristics:
- Large format, imitating two bullnose stone tiles, laterally assembled.
 - The motif shall vary from tile to tile in order to reproduce the skin of stone tiles.
 - The stone replication shall never be achieved with direct coloration or engobe application only.
 - Tiles per sq.m.: 13.

Dimensions in mm are outside dimensions.

(1) See P. 194 for a complete table of minimum roof pitches.

(2) The number of tiles per pallet is indicative only.

All clay tile dimensions admit normative variations of ± 2%.



Biber TBF



Colour: Natural Red

Specially Dedicated to Glazing.

Available in Diamond, Bullnose or Square cuts, the Biber TBF reproduces the design of traditional tiles of Eastern France and Germany. This pressed tile is guaranteed perfectly regular and plane.



Biber and Fleur de Lys TBF

Fleur de Lys TBF



Colour: Natural Red

Fleur de Lys is the replica of a Victorian tile. Initially designed for renovation works in Cambridge, it has become a unique model in our roof tile product line, specially available for the United Kingdom.

Export Customer Service

TERREAL • 37, rue du Pieu • 78130 Les Mureaux • France
Tel: +33 130 904 200 • Fax: +33 130 904 268

www.terreal.co.uk

