

Monier™ ROOFING

PRODUCT TECHNICAL STATEMENT

TERRACOTTA PORTUGUESE

01. INTRODUCTION

Monier's Portuguese clay tile beautifully reflects the history of roofs in the Mediterranean region. With its distinctive high roll profile and natural earthy tones, these terracotta tiles represent crafted quality produced for over 100 years.

Further technical resources are provided at monier.co.nz/Technical

02. SCOPE OF USE AND LIMITATIONS

Specific design requirements for Portuguese:

- Minimum roof pitch 25°
- Roof underlay is required in all installations
- Maximum rafter length varies with roof pitch as follows:

Roof Pitch	Max. Rafter Length (m)	Roof Pitch	Max. Rafter Length (m)	Roof Pitch	Max. Rafter Length (m)
25°	4.5	32°	8.0	39°	11.5
26°	5.0	33°	8.5	40°	12.0
27°	5.5	34°	9.0	41°	12.5
28°	6.0	35°	9.5	42°	13.0
29°	6.5	36°	10.0	43°	13.5
30°	7.0	37°	10.5	44°	14.0
31°	7.5	38°	11.0	45°	14.5

Please refer to the Design Guide available at monier.co.nz/Technical for further information regarding:

- Wind and Terrain Categories
- Rafter and truss spacings and batten requirements
- Batten installing requirements

Terracotta Portuguese
In Classico Antique



03. CONSENTING INSTRUCTIONS

When consenting, it should be verified that the designer has assessed:

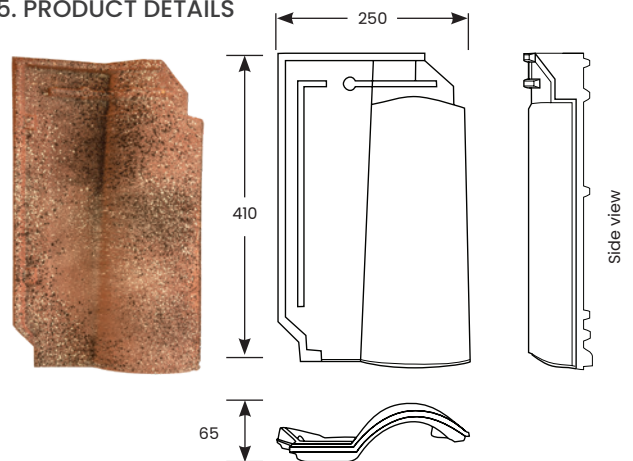
- Fixing and underlay requirements with regard to Wind and Terrain categories
- Batten sizes relative to rafter spacings
- Maximum rafter length for the roof pitch

Detailed guidance is provided in the Design Guide available at monier.co.nz/Technical.

04. STANDARDS

Tiles are manufactured to (UE) No 305/2011, UNI EN 1304:2013.
Manufacturer: TERREAL ITALIA S.r.l Strada alla nuova fornace, sn - 15048 Valenza (AL) - Italia

05. PRODUCT DETAILS



Tile coverage (+/- 2%) Approx. 14.0 tiles/sqm

Dimensions (+/- 2%) Length: 410mm
Width: 250mm

Weight (+/- 2%) Per tile: 3.1kg
Per sqm: 43.4kg

Head lap adjustment (mm) Up to 5mm (minimum overlap 75mm)

Recommended bonding Straight bond

Roof pitch Minimum with underlay 25°
Portuguese tiles must use underlay

Please refer to the Monier Construction Requirements at monier.co.nz for installation requirements applicable to your project

Find out more on monier.co.nz
or call us on 0800 666 437

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06. INSTALLATION

Refer to Monier's website, "Find a Supplier" list of experienced and qualified Roofing Specialists to ensure your tiles are installed professionally and to the appropriate standard.

Further information is provided in the Installation Guide available at monier.co.nz/Technical.

07. WARRANTY

Monier Portuguese Roof Tiles are structurally guaranteed to perform their function and retain their colour for 30 years and are a low maintenance roof cladding option.

08. MAINTENANCE

Caution should be exercised by any persons needing to access the roof once it is installed.

Details regarding access and recommended maintenance are provided at monier.co.nz/Maintenance.

09. PORTUGUESE COLOUR RANGE



Tile colour may vary from printed brochure.

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