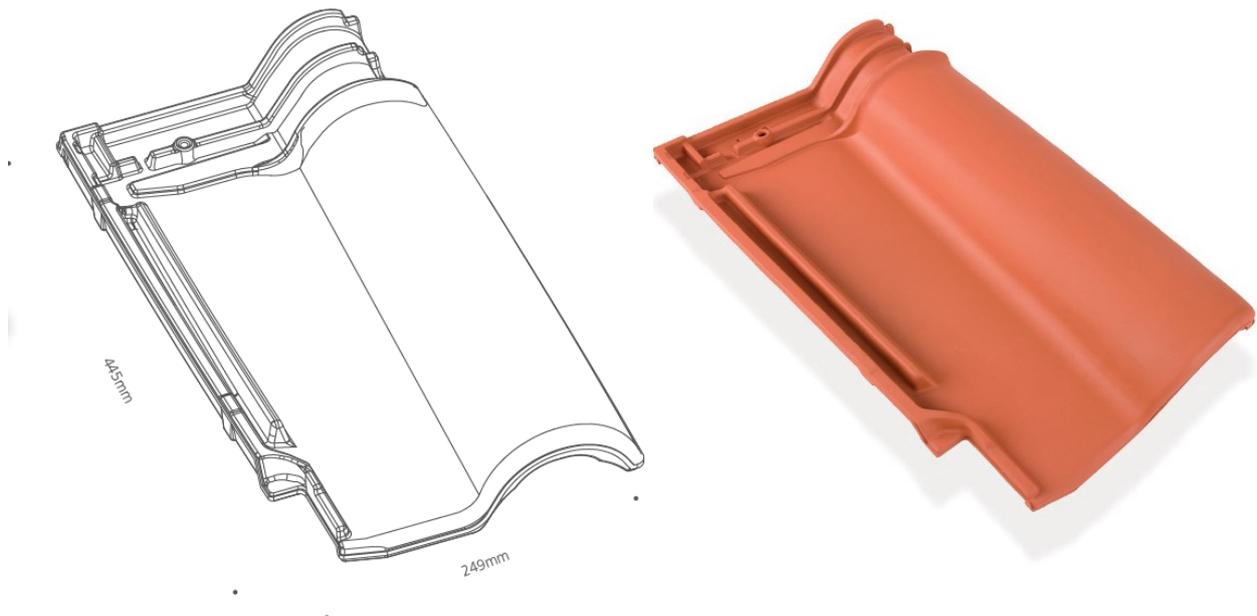


Marley Advanced Lusa Interlocking Clay Tile

A premium quality, precision engineered, light weight clay tile, in keeping with the most popular roof traditions in Europe.



ADVANTAGES (FEATURES & BENEFITS):

- > Superior quality – EN1304 certified with a 35-year warranty if assembled/installed to correct guidelines
- > Precision fit and dimensional exactness - allows for perfect fitting, quick and easy assembly.
- > Lightweight roof
- > Soluble salt resistant – well suited to coastal areas
- > Excellent performance under extreme weather conditions – suitable to areas with big thermal amplitudes.
- > Impermeable – Low porosity, 3% to + - 1%
- > Economic breakage factor – high flexural strength results in reduction in breakage

* Visit www.marleyroofing.co.za for more information & registering the guarantee

TECHNICAL DATA *Based on Red – size and weight of tiles vary per colour:

Size of Tile:	445 x 249mm
Minimum Pitch:	18° (Dependant on climatic zone and situation *contact Marley Roofing Technical)
Maximum Pitch:	41° (Dependant on climatic zone and situation * contact Marley Roofing Technical)
Minimum Headlap:	73mm
Maximum Batten Centres:	380mm
Cover Width:	200mm (nominal at lock mid shuffle position)
Covering Capacity:	12 tiles/m ² (net)
Weight of Tiling:	+ - 37,2 kg/m ²
Battens Required:	2,70 lin.m/m ²

Batten Size Recommended:

- 38 x 38mm for rafters/supports not exceeding 760mm centres
- 38 x 50mm (batten fixed flat) for rafters/supports not exceeding 900mm centres
- 38 x 50mm (batten on edge) for rafters/supports not exceeding 1 000mm centres

Note: Above 760mm the rafter spacing can be increased only with engineer-designed trusses and with 38 x 50mm batten of the correct grade. All structural timber must comply with SANS 1707 and SANS 1783

Tile Nails:	4,5mm x 40mm corrosion-resistant nails for tile fixing. 6,0mm x 80mm and 6,0mm x 120mm corrosion-resistant nails for fixing of special ceramic accessories such as Over Eave Tiles/Half Tiles etc.
Hanging length:	372mm (nominal)

Additional Notes:

- **Marley Radiant Barrier is compulsory for pitches below 26 degrees in all cases and Radiant Barrier or Undertile Membrane is compulsory for any pitch above 26 degrees and in all cases.**
- Ensure that all battening is in an absolute level plane.
- Clay is a natural product, as a result possible colour, tonal and finish differences can be expected. We therefore recommend mixing tiles from different boxes and/or pallets to promote the best colour mix and overall finish.

- The usage of Marley Advance Lusa ceramic and non-ceramic accessories is essential to ensure ideal finishing results.
- Please note the minimum recommended pitch for the Marley Advanced Lusa clay tiles, is defined in accordance with local climatic zones and wind exposed areas - non-adherence to Marley Roofing's recommendations may result in compromised performance. Therefore, strictly follow Marley's installation guidelines as well as local safety and building regulations when assembling this product.
- Marley Undertile Membrane or Radiant Barrier is recommended at all pitches in exposed and coastal areas.
- For more information please contact Marley Technical Services.

STORAGE & HANDLING:

Marley Roofing as well as our customers are responsible for ensuring that a quality product is delivered in a good and acceptable condition to the end consumer.

We therefore advise our customers to apply and follow the best practices laid out below in terms of Storage & Handling of Marley Clay Tiles, to avoid deterioration in quality and appearance of the surface of the tile and to avoid general problems such as breakage and to minimise wastage.

> Receiving of stock – what to check

- Marley Roofing clay products are delivered palletised, banded and stretch wrapped, to stockists by fleet of modern transport with mechanical off-loading facilities.
- Please advise customers to check and ensure that stock received is in an acceptable order - packaged on pallets, banded and stretch wrapped and indicate all breakages and shortages on the delivery note.
- Please contact Marley Roofing's Customer Care at 010 600 0284 to report any discrepancies or defective products within 5 working days.

> Handling and Storage of stock in the yard

- Pallets should be transported using appropriate lifting machinery, i.e. fork lift.
- Unload and handle tiles and fittings with care to avoid damage, soiling and breakage.
- Avoid loading pallets onto scaffolding unless a safe access platform has been provided.
- Pallets should be stored on a smooth, level base capable of supporting their weight.
- Do not stack tiles more than 3 pallets high in stockyards.
- If palletised stock's stretch wrapping is removed to split stock for whatever reason, please ensure that remaining stock is securely packed/stacked, preferably in the same way it was delivered.

- To prevent or minimise uneven soiling of tiles within the yard, it is recommended to order stock with a minimum holding time of 30 days, as longer periods of pollution exposure may cause extreme uneven soiling.

> Handling and Storage of stock on site

- Tiles should be stored in a safe location and should be kept protected from damage on site.
- Do not stack tiles more than a single pallet on site.
- If palletised stock's stretch wrapping is removed to split stock for whatever reason, please ensure that remaining stock is securely packed/stacked, preferably in the same way it was delivered.
- Installers should take care when handling and carrying tiles to prevent unnecessary scuffing and breakages.
- Any roof or vertical work in tiling should be treated as fragile and never used as a working platform.
- Ideally roof installation should be carried out after all other trades have been completed e.g. parapet wall plastering and painting.
- We recommend that an adequate number of crawling boards and ladders should be used for gaining access over completed areas of roof tiling, and should be designed for the purpose, be of good construction and strong enough to enable planned work to be carried out.
- In all work to be carried out ensure that all legal safety requirements are met as per local regulations.

> Soiling due to installation:

- Please ensure when mixing mortar for fitting accessories application that the mixture contains adequate water to give a firm structure, without leaching excessive water that can cause soiling of installed tiles.
- All mechanical cutting of tiles for hips, valleys and parapets walls must be done on site and not on the roof to prevent dust settlement.
- For more on Marley Roofing's General Terms and Conditions, please visit www.marleyroofing.co.za

The manufacturer reserves the right to change or discontinue any of the specifications or products without notification. All goods are subject to availability and the company's conditions of sale which are available on request.

CONTACT DETAILS:

Call: 010 600 0284

Email: info@marley.co.za

Web: www.marleyroofing.co.za or scan QR code below:



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