

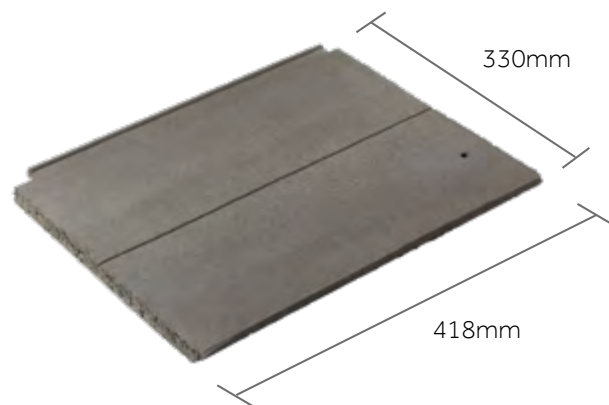
# MockBond Richmond 10 Slate

Lower minimum pitches and small slate appearance make this one of the most versatile roofing tiles you can specify.

## KEY ADVANTAGES

- Thin leading edge to mimic a traditional slate.
- Small slate appearance, but with the speed and ease of larger format installation.
- Lowest minimum pitch of 17.5° at 100mm headlap\* adds versatility.

\*Based on a maximum rafter length of 10 metres

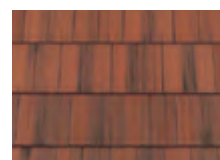


## PRODUCT DATA

<b>External Dimensions</b> (+/- 4mm)	418 x 330mm
<b>Minimum Pitch and Headlap</b> (The minimum pitch is based on a maximum rafter length of 10 metres. For rafter lengths greater than this, please contact Technical Services)	17.5° at 100mm headlap 22.5° at 75mm headlap
<b>Maximum Pitch</b> (subject to fixing specification and fire resistance requirements above 69°)	90°
<b>Maximum Headlap</b>	125mm
<b>Minimum Gauge/Batten Spacing</b>	293mm
<b>Maximum Gauge/Batten Spacing</b>	Below 22.5° at 318mm 22.5° and over 343mm
<b>Hanging Length</b> (+/- 4mm)	395mm
<b>Cover</b> (all figures are net & do not allow for wastage) Linear cover of 1 slate (+/- 5mm) Covering capacity	300mm 10.5 slates/m <sup>2</sup> at 318mm gauge 9.7m <sup>2</sup> at 343mm gauge
<b>Weight*</b>  per pallet, including pallet per 1000 slates	51kg/m <sup>2</sup> at 318mm gauge 47kg/m <sup>2</sup> at 343mm gauge 1.07 tonnes 4.81 tonnes
<b>Battens Required</b> (at max. gauge)	2.92lm/m <sup>2</sup>
<b>Batten Size</b> Rafter centres up to 450mm Rafter centres up to 600mm	38 x 25mm 50 x 25mm
<b>Fixing Clips</b>	Eaves, Verge & Slate Clips
<b>Nail Size for Slates</b>	45 x 3mm (A/A) 45 x 3.35mm (S/S)**
<b>Pallet Quantities</b>	Slates per pallet 210 Slates per pack 35 Packs per pallet 6

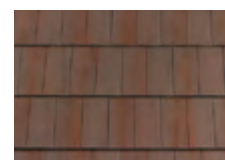
\*All weights nominal

\*\* (A/A) Aluminium Alloy / (S/S) Stainless Steel Annular ring shanked



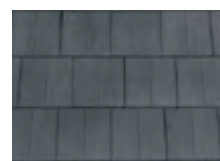
**Flame Red (coated)**

Tile product code:  
**11001887**



**Rustic Brown (coated)**

Tile product code:  
**11001888**



**Slate Grey**

Tile product code:  
**11001889**



**SCAN THE QR CODE**

for more information  
or to order a tile sample

## INSTALLATION GUIDELINES

- Slates must be hung by their nibs.
- Slates must be laid in a broken bond pattern with a three-quarter slate offset.
- It is always advised that slates are laid at mid shunt, although the precise roof details may require slates to be laid with a more open or closed shunt.
- At the right hand verge, start with a full slate in the eaves course, and three-quarter slate, half slate and quarter slate respectively in subsequent courses up the verge to maintain correct laying pattern. Repeat full slate, three-quarter slate, half slate and quarter slate sequence up the right hand verge as required.
- At left hand verges, use the full slate, three-quarter slate, half slate and quarter slate sequence respectively at the left hand verge as required to maintain the correct laying pattern.
- At side abutments, allow for a cover flashing and secret gutter.
- Three-quarter slate and quarter slate widths must be cut from full slates on site. Half slates should be cut from half slate pairs. All cut slates should be appropriately handed.
- The minimum pitch is based on a maximum rafter length of 10 metres. For rafter lengths greater than this or the presence of roof features such as dormers, roof windows and chimneys, contact BMI Redland Technical Services for advice.
- Always use the FixMaster tool from the BMI Redland website to generate a project-specific BS 5534-compliant fixing specification.
- Both left-hand and right-hand perimeter slates at the verge must have a secondary fixing as prescribed by BS 5534.
- Please see Redland Concrete Roof Tiles & Fittings - a Guide to Installation, Maintenance and Disposal, which is available for download from the BMI Redland website, for further information.

## PRODUCT STANDARDS

BMI Redland concrete tiles and slates are manufactured to BS EN 490 - Concrete roofing tiles and fittings for roof covering and wall cladding. Tolerances are set in line with BS EN 490. Tiles meet the requirements of BS 5534 - Code of practice for slating and tiling (including shingles), providing the BMI Redland FixMaster specification is followed.

## SAFETY, QUALITY & ENVIRONMENT

BMI Redland tiles are manufactured under a Quality Management System approved to ISO 9001 and an Environmental Management System approved to ISO 14001, by TÜV UK Ltd. Information regarding transportation, handling, storage and disposal can be found in Redland Concrete Roof Tiles & Fittings - a Guide to Installation, Maintenance and Disposal, which is available to download from the BMI Redland website.

## TECHNICAL SUPPORT

Whether you require telephone advice for your project, an online fixing specification or want to benefit from our complete guaranteed specification service, our expert team is on hand to help ensure success for your roof.

## FURTHER INFORMATION & TOOLS

For access to Declarations of Performance, product codes or for expert help and advice, please visit our website. Information is accurate at the time of printing. Product information, technical standards and codes of practice are under constant review. We reserve the right to change and amend product information without prior notice. For the latest information, suitability and specification advice, please refer to our website or contact Redland's Technical Services team for up-to-date product information.

## REDLAND TECHNICAL SERVICES

0330 123 4585

technical.redland@bmigroup.com

## REDLAND CUSTOMER SERVICES

0370 560 1000

sales.redland@bmigroup.com

## TILES

Standard Slate

Half Slate Pair

## UNDERLAYS

Divoroll Elite 200 2S (1.5m x 50m)

Divoroll Air (1m x 50m)

ClimaTape (60mm x 25m)

## EAVES PRODUCTS

Rapid EavesVent 2-in-1 Tray (1m)

Rapid EavesVent Rafter Roll (6m x 800mm)

RedVent 25 Over-Fascia Vent (6m)

Underlay Support Tray (1.5m)

## VERGE PRODUCTS

DryVerge (Pack of 18 LH &amp; 18 RH)

DryVerge Gable End Pack (1 gable)

## HIP PRODUCTS

Continuous Hip (5m)

Universal Angle Hip/Ridge Junction

Universal Angle Hip (without nail holes)

Universal Angle Hip (with nail holes)

Universal Angle Block-End Hip

Mortar Bedded Fixing Kit (5m)

## VALLEY PRODUCTS

GRP 125 Valley (3m)

Dry Valley (Low Profile) (3m)

## ABUTMENT PRODUCTS

Wakaflex Rapid Flashing

Top Edge Abutment Ventilation Pack (3m)

Abutment GRP Secret Gutter (3m)

Bonding Strip (High Profile) (3m)

Bonding Strip (Low Profile) (3m)

## RIDGE PRODUCTS

DryVent Ridge (2.7m)

Continuous Ridge (5m)

Flexible Pipe (100 to 100mm)

Universal Angle Ridge

Universal Angle Block-End Ridge

DryVent Monoridge (2.7m)

Universal Angle Monoridge

Universal Angle Monoridge End Cap (Pair)

Mortar Bedded Fixing Kit (5m)

Universal Angle Ridge End Cap

## VENTILATION TILES

Richmond 10 8.8k ThruVent Tile

## FIXING PRODUCTS

Slate Clip (100) &amp; Nail (100)

Slate Nails (aluminium alloy) (1kg = approx 1060 nails)

Slate Nails (stainless steel) (1kg = approx 300 nails)

Verge Clip (50 clips)

Eaves Clip (100 clips)

Eaves Clip Nails (1kg = approx 812 nails)

Kro-Clip (50 clips)

Innofix Clip Purple (250 clips)

**Note:** For a complete list of products that are compatible for use with this tile, please see the latest edition of the BMI Redland Pocket Guide, available to download from the website. Hard copies can be obtained by contacting the Redland Customer Services team.