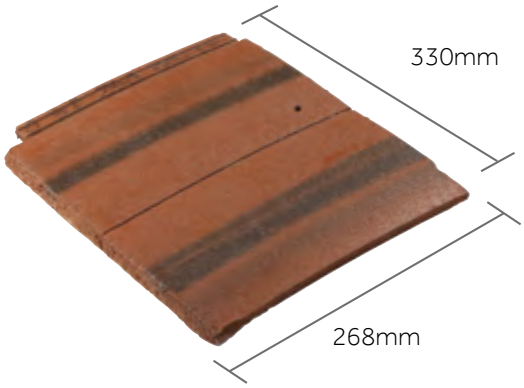
Redland

DuoPlain



Engineered for strength, ease of handling and ease of installation, it fulfils the three main demands of a modern roofing tile. Available in four popular colours.

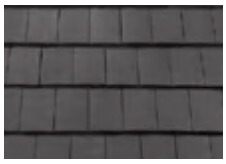
KEY ADVANTAGES

- Two 'plain tile' segments give the appearance of a smaller format tile.
- Quick and cost-effective to lay - installed in the same way as large format tiles.
- Four colour options to match regional styles and materials.

PRODUCT DATA

External Dimensions (+/- 4mm)	268 x 330mm
Minimum Pitch (The minimum pitch is based on a maximum rafter length of 10 metres. For rafter lengths greater than this, please contact Technical Services).	25°
Maximum Pitch (subject to fixing specification and fire resistance requirements above 69°)	90°
Minimum Headlap	80mm
Maximum Headlap	95mm
Minimum Gauge/Batten Spacing	173mm
Maximum Gauge/Batten Spacing	188mm
Hanging Length (+/- 4mm)	245mm
Cover (all figures are net & do not allow for wastage) Linear cover of 1 tile Covering capacity	 300mm 17.7 tiles/m² / (at 188mm gauge)
Weight* per pallet, including pallet per 1000 tiles	54kg/m² (at 188mm gauge) 0.90 tonnes 3.04 tonnes
Battens Required (at max. gauge)	5.26 lm/m²
Batten Size Rafter centres up to 450mm Rafter centres up to 600mm	 38 x 25mm 50 x 25mm
Nail Size for Tiles (Depending on fixing specification)	45 x 3mm (A/A) or 45 x 3.35mm (S/S)**
Pallet Quantities	Tiles per pallet 288 Tiles per pack 6 Packs per pallet 48

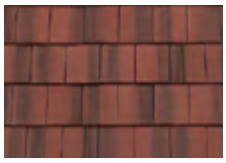
*All weights nominal **(A/A) Aluminium Alloy (S/S) Stainless Steel Ring Shank



Charcoal Grey (coated)
Tile product code:
10001856



Rustic Brown (coated)
Tile product code:
10001854



Rustic Red (coated)
Tile product code:
10001857



Tuscan Red (coated)
Tile product code:
10001853

SCAN THE QR CODE
for more information
or to order a tile sample

INSTALLATION GUIDELINES:

- Tiles must be hung by their nibs.
- It is always advised that tiles are laid at mid shunt, although the precise roof details may require tiles to be laid with a more open or closed shunt.
- Tiles must be laid in a broken bond pattern with a three-quarter tile offset.
- At the right hand verge start with a full tile in the eaves course, and then alternate between RH Verge three-quarter tiles and full tiles up the verge.
- At left hand verges alternate between LH Verge three quarter tiles and full tiles at the verge as required to maintain the correct laying pattern.
- At hips and valleys use standard tiles for raking cuts with Half Tiles used elsewhere in the course, often the penultimate tile in the course, to enable this.
- At side abutments, allow for a cover flashing and secret gutter.
- 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.
- 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

DuoPlain SYSTEM ACCESSORIES

TILES
Standard Tile
Half Tile
Left-hand Verge Tile
Right-hand Verge Tile
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 (36)
DryVerge Gable End Pack (1 gable)
HIP PRODUCTS
Continuous Hip (5m)
Third Round Hip/Ridge Junction
Third Round Hip (without nail holes)
Third Round Hip (with nail holes)
Mortar Bedded Fixing Kit (5m)
VALLEY PRODUCTS
GRP 125 Valley (3m)
Dry Valley (Low Profile) (3m)
ABUTMENT PRODUCTS
Top Edge Abutment Ventilation Pack (3m)
Wakaflex Rapid Flashing
Bonding Strip (Low Profile) (3m)
Bonding Strip (High Profile) (3m)
GRP Secret Gutter
RIDGE PRODUCTS
DryVent Ridge (2.7m)
Continuous Ridge (5m)
Half Round Ridge
DryVent Monoridge (2.7m)
Half Round Monoridge
Mortar Bedded Fixing Kit (5m)
VENTILATION TILES
DuoPlain RedLine Vent
Flexible Pipe (100 to 100mm)
FIXING PRODUCTS
Verge Clip (50 clips)
Eaves Clip (100 clips)
Tile Nail (aluminium alloy) (1kg = approx 1060 nails)
Tile Nail (stainless steel) (1kg = approx 300 nails)
Eaves Clip Nail (1kg = approx 812 nails)
Kro-Clip (50 clips)
Innofix Clip Purple (250 clips)
Screw (stainless steel) (100 screws)

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.