PROFILE TILE RANGE

TAKE A CLOSER LOOK
NATURALLY REDLAND

“At Redland it is our aim to deliver high-quality roofs that are easy to specify, buy, install and own.”

Redland is a brand of the worldwide Braas Monier Building Group (BMBG). With operations in 50 countries and over 100 production sites, BMBG is the leading worldwide supplier of pitched roofing materials. Our goal is to deliver high-quality roofing solutions that perfectly meet our customers’ expectations.

Redland draws on the expertise and experience gathered from nearly 100 years as an industry leader. Our range of tiles, slates, renewable energy systems, fittings and accessories, combined with market-leading technical support services, enable us to deliver total pitched roofing solutions you can rely on.
As well as an unrivalled range of roof tiles and systems, Redland has developed a comprehensive range of free technical services to save you time and provide complete peace of mind in your roofing project.

**REDLAND TECHNICAL SOLUTIONS SERVICE**
SpecMaster is a free roof specification service and guarantee that provides NBS-based specification clauses. Easily integrated into your own working document, a SpecMaster specification will save you time, and comes with the added reassurance of a comprehensive 15-year design liability and roof weathertightness guarantee.

**REDLAND TECHNICAL SOLUTIONS**
Staffed by industry experts with both the technical and real world knowledge of designing with Redland systems, our Technical Solutions team’s service will help you bring your project to fruition with industry-leading knowledge every step of the way.

**CPD AND TRAINING**
Our purpose-built Redland National Training Centre at South Cerney in Gloucestershire is where Redland personnel, customers, suppliers and specifiers regularly undertake in-depth classroom and practical training. Since it was established in 1983, more than 45,000 people have been trained at the Centre.

As a member of the RIBA CPD Providers Network, we are also able to deliver training sessions, using accredited materials, at customers’ own premises.

Visit [www.redland.co.uk/services](http://www.redland.co.uk/services) for further information on these services.

Chances are you know someone who has been on one of our courses.
PROFILE TILE RANGE

Based on 16th century pantiles from Holland and earlier Roman roofing, the flowing contours and distinctive angular patterns of the profile range create roofs with outstanding visual appeal and dependable weathertightness.

The tiles in the Redland profile range have been carefully selected to reflect the vast variety of profile roofing in use across the country, from traditional handmade styles right up to contemporary designs for today’s urban landscape.

These precision-made interlocking clay and concrete tiles come in a wide variety of colours and finishes. As well as their aesthetic appeal, these tiles are designed for speed and ease of installation.

TRADITIONAL DESIGNS IN CONCRETE AND CLAY

<table>
<thead>
<tr>
<th>Colour Key</th>
<th>Traditional</th>
<th>Heritage</th>
<th>Premier</th>
<th>Premier Plus</th>
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<tbody>
<tr>
<td>Landmark Double Pantile</td>
<td>LANDMARK DOUBLE PANTILE</td>
<td>LANDMARK DOUBLE ROMAN</td>
<td>GRONSBURY</td>
<td>10 DOUBLE ROMAN</td>
</tr>
<tr>
<td>Page No.</td>
<td>6-9</td>
<td>10-13</td>
<td>14-25</td>
<td>26-37</td>
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Regent

<table>
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<tr>
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<th>Traditional</th>
<th>Heritage</th>
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<th>Premier Plus</th>
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<tr>
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<td>36-49</td>
<td>50-59</td>
<td>62-63</td>
<td>64-73</td>
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Fenland Pantile

<table>
<thead>
<tr>
<th>Colour Key</th>
<th>Traditional</th>
<th>Heritage</th>
<th>Premier</th>
<th>Premier Plus</th>
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<tr>
<td>Page No.</td>
<td>76-83</td>
<td>84-97</td>
<td>88-91</td>
<td>92-94</td>
</tr>
<tr>
<td>Min. Pitch</td>
<td>17.5°</td>
<td>22.5°</td>
<td>30°</td>
<td>30°</td>
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<tr>
<td>Weight</td>
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<td>36kg/m²</td>
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<tr>
<td>Cover#</td>
<td>9.7 tiles/m²</td>
<td>12.5 tiles/m²</td>
<td>16.2 tiles/m²</td>
<td>20.4 tiles/m²</td>
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</tbody>
</table>

* Depends on headlap used refer to product pages for full technical information.
The special long-lasting Landmark surface finish means these tiles will retain their look for years, whilst the subtle but rich variations of colour, blend in to create a traditional clay effect.

**COLOURS**

- Terracotta Brindle (ColourFusion™)
- Brown Brindle (ColourFusion™)

**TECHNICAL DATA**

- **Size (overall)**: 418 x 332mm
- **Minimum Pitch and Headlap**: 15° at 100mm headlap
  17.5° at 75mm headlap
- **Maximum Pitch**: 90°
- **Maximum Headlap**: 125mm
- **Minimum Gauge/Batten Spacing**: 293mm
- **Maximum Gauge/Batten Spacing**: 318mm / 343mm
- **Hanging Length**: 397mm
- **Cover** (all figures are net and do not allow for wastage)
  - Linear cover of 1 tile: 300mm
- **Weight**
  - per pallet, including pallet (approx.): 102 tonnes
  - per 1000: 4.80 tonnes
- **Battens Required** (at max. gauge): 2.92m/m²
- **Batten Size**
  - Rafter centres up to 450mm: 38 x 25mm
  - Rafter centres up to 600mm: 50 x 25mm
- **Fixing Clips**
  - Eaves, Verge & Tile Clips: Eaves, Verge & Tile Clips
  - Nail Size for Tiles (A/A): 70 x 3.75mm
- **Pallet Quantities**
  - Tiles per pallet: 210
  - Tiles per pack: 35
  - Packs per pallet: 6

**FITTINGS & ACCESSORIES**

- **Verge**: Cloaked Verge, Ambi-Dry Verge, Rapid Verge
- **Hip**: Third Round Hip, Dry Hip, Rapid Hip
- **Valley**: 125 GRP Valley, Dry Valley, Rapid Valley
- **Ridge**: Half Round Ridge, Half Round Monoridge

**Ventilation Systems**


**KEY ADVANTAGES**

- Revolutionary ColourFusion™ coating process to protect and preserve tile finish
- Subtle colour variations imitate clay
- Bullnose front edge to soften roof appearance
LANDMARK DOUBLE PANTILE | 43 Terracotta Brindle (ColourFusion™)

Emulates a natural warm terracotta tile and uses the special Redland Landmark finish to ensure a colour that lasts.

LANDMARK DOUBLE PANTILE | 44 Brown Brindle (ColourFusion™)

A rich deep brown with terracotta brindling using the special Redland Landmark finish to ensure a colour that lasts.
**LANDMARK DOUBLE ROMAN**

Available in two authentic clay colours, these tiles are ideal for creating the look of a traditional clay Roman roof with the benefits of Redland’s special long-lasting Landmark surface finish.

**KEY ADVANTAGES**
- Revolutionary ColourFusion™ coating process to protect and preserve tile finish
- Subtle curve softens tile front edge
- Concrete materials technology provides superior performance

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Size</td>
<td>418 x 330mm</td>
</tr>
<tr>
<td>Minimum Pitch and Headlap</td>
<td>17.5° at 100mm headlap, 22.5° at 75mm headlap</td>
</tr>
<tr>
<td>Maximum Pitch (subject to fixing specification)</td>
<td>90°</td>
</tr>
<tr>
<td>Maximum Headlap</td>
<td>125mm</td>
</tr>
<tr>
<td>Maximum Gauge/Batten Spacing</td>
<td>293mm</td>
</tr>
<tr>
<td>Maximum Gauge/Batten Spacing below 22.5°</td>
<td>223° and over 343mm</td>
</tr>
<tr>
<td>Hanging Length (approx.)</td>
<td>397mm</td>
</tr>
<tr>
<td>Cover</td>
<td>10.5 tiles/m² at 318mm gauge / 9.7 tiles/m² at 343mm gauge</td>
</tr>
<tr>
<td>Weight per pallet, including pallet</td>
<td>1.05 tonnes / 4.30 tonnes per 1000</td>
</tr>
<tr>
<td>Battens Required</td>
<td>2.92m/m²</td>
</tr>
<tr>
<td>Batten Size</td>
<td>Rafter centres up to 450mm: 38 x 25mm, Rafter centres up to 600mm: 50 x 25mm</td>
</tr>
<tr>
<td>Fixing Clips</td>
<td>Eaves, Verge &amp; Tile Clips</td>
</tr>
<tr>
<td>Nail Size for Tiles*</td>
<td>60 x 3.35mm (A/A)</td>
</tr>
<tr>
<td>Pallet Quantities</td>
<td>Tiles per pallet: 240 / Tiles per pack: 40 / Packs per pallet: 6</td>
</tr>
</tbody>
</table>

* (A/A) Aluminium Alloy

**FITTINGS & ACCESSORIES**

- **Verge**
  - Cloaked Verge
  - Ambi-Dry Verge
  - Rapid Verge
- **Hip**
  - Third Round Hip
  - Dry Hip
  - Rapid Hip
- **Valley**
  - 125 GRP Valley
  - Dry Valley
- **Ridge**
  - Half Round Ridge
  - Half Round Monoridge
- **Ventilation Systems**
  - RedVent Eaves Vent
  - RedVent 25 Over-Fascia Vent
  - Rapid Eaves Vent
  - Top Edge Abutment Ventilation
  - DryVent Ridge
  - Continuous Ridge System
  - Uni-Vent Rapid Ridge Hip
  - DryVent Monoridge
  - RedLine Vent Tile
  - Rapid Roof Vent
  - Top Edge Abutment Ventilation
  - DryVent Ridge
  - Uni-Vent Rapid Ridge Hip
  - RedLine Vent Tile

**COLOURS**

- Terracotta Brindle (ColourFusion™)
- Brown Brindle (ColourFusion™)

Landmark Double Roman tiles combine our special long-lasting Landmark surface finish with the popular Double Roman profile.

Landmark Double Roman, Terracotta Brindle, Reading Borough Council, Norcot Estate, Reading, Berkshire
LANDMARK DOUBLE ROMAN | 43 Terracotta Brindle (ColourFusion™)

Emulates a natural warm terracotta tile and uses the special Redland Landmark finish to ensure a colour that lasts.

LANDMARK DOUBLE ROMAN | 44 Brown Brindle (ColourFusion™)

A rich deep brown with terracotta brindling using the special Redland Landmark finish to ensure a colour that lasts.
GROVEBURY

A concrete interlocking tile that uses gentle flowing lines to create a classic pantile appearance.

Quicker and easier to lay than single pantiles, Grovebury offers a wide range of granular and through-coloured options, from classic Slate Grey to Antique Red.

TECHNICAL DATA

Size (overall) 418 x 332mm

Minimum Pitch and Headlap
Through coloured 15° at 100mm headlap / 17.5° at 75mm headlap
Granular 22.5° at 100mm headlap / 30° at 75mm headlap

Maximum Pitch (subject to fixing specification) 90°

Maximum Headlap 125mm

Minimum Gauge/Batten Spacing 293mm

Maximum Gauge/Batten Spacing
Through coloured 17.5° at 318mm / 17.5° and over 343mm
Granular below 30° at 318mm / 30° and over 343mm

Hanging Length (approx.) 397mm

Cover (all figures are net and do not allow for wastage)
Linear cover of 1 tile 300mm
Covering capacity 10.5 tiles/m² at 318mm gauge / 9.7 tiles/m² at 343mm gauge

Weight per pallet including pallet (approx.) 1.07 tonnes per 1000 4.70 tonnes

Battens Required (at max. gauge) 2.92m/m²

Batten Size
Rafter centres up to 450mm 38 x 25mm
Rafter centres up to 600mm 50 x 25mm

Fixing Clips
Eaves, Verge & Tile Clips

Nail Size for Tiles
70 x 3.75mm (A/A)

Palate Quantities
Tiles per pallet 216 / Tiles per pack 36 / Packs per pallet 6

* (A/A) Aluminium Alloy

KEY ADVANTAGES

• Traditional pantile profile blends with a wide range of roofing styles
• Quick laying saves time and money during installation
• Wide variety of colours and surface textures

COLOURS

30 Brown (Granular)
40 Antique Red (Granular)
50 Slate Grey
60 Terracotta
70 Tudor Brown
77 Charcoal Grey (Coated)
78 Rustic Red (Coated)

Fittings & Accessories

Verge
Cloaked Verge
Ambi-Dry Verge
Rapid Verge

Hip
Third Round Hip
Dry Hip
Rapid Hip

Valley
125 GRP Valley
Dry Valley

Ridge
Half Round Ridge
Half Round Meneridge

Ventilation Systems
RedVent EavesVent
RedVent 25 Over-Fascia Vent
Rapid Eaves Vent
Continua Ridge System
Uni-Vent Rapid Ridge 64
DryLine Vent Tile
Rapid RoofVent
8½ Tile Ribbed Vent Tile

GROVEBURY
GROVEBURY | 02 Brown (Granular)

An established brown tile with a granulated finish popular across the UK.

GROVEBURY | 03 Antique Red (Granular)

A deep red with a granulated surface finish to give rich texture.
GROVEBURY | 30 Slate Grey

A popular grey colour, inspired by the appearance of natural slate.

GROVEBURY | 34 Terracotta

The traditional fired-clay red of terracotta tiles.
GROVEBURY | 36 Tudor Brown
A traditional period brown.

GROVEBURY | 39 Farmhouse Red
A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
GROVEBURY | 52 Breckland Brown

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.

GROVEBURY | 53 Breckland Black

A slate-like grey tile with a red-tinged streaking effect to simulate a weathered roof.
GROVEBURY | 77 Charcoal Grey (Coated)

A rich dark colour set off by a subtle sheen, particularly favoured in the North of England and Scotland.

GROVEBURY | 78 Rustic Red (Coated)

A deep red set off by a subtle sheen and with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
50 DOUBLE ROMAN

Featuring gentle rolls and subtle pans, 50 Double Roman is available in a wide range of colours to blend harmoniously with any environment. Available in ten through-coloured and granular shades.

KEY ADVANTAGES
• Recreates look of classic clay Roman roof
• Ten colours to provide match with every regional roofing style
• Compatible with a wide range of fittings and accessories

TECHNICAL DATA

Size (overall) 418 x 330mm

Minimum Pitch and Headlap Through coloured 17.5° at 100mm headlap / 22.5° at 75mm headlap
Granular 22.5° at 100mm headlap / 30° at 75mm headlap

Maximum Pitch 90°

Maximum Headlap 125mm

Minimum Gauge/Batten Spacing 29.1mm

Maximum Gauge/Batten Spacing Through coloured below 22.5° at 318mm / 22.5° and over 343mm
Granular below 30° at 318mm / 30° and over 343mm

Hanging Length (approx.) 397mm

Cover (all spans are net and do not allow for wastage)
Linear cover of 1 tile 300mm
Covering capacity 10.5 tiles/m² at 318mm gauge / 9.7 tiles/m² at 343mm gauge

Weights per pallet, including pallet 44kg/m² at 318mm gauge / 41kg/m² at 343mm gauge

Battens Required (at max. gauge) 2.92m/m²

Batten Size Rafter centres up to 450mm 38 x 25mm
Rafter centres up to 600mm 50 x 25mm

Fixing Clips Eaves, Verge & Tile Clips

Nail Size for Tiles* 60 x 3.35mm (A/A)

Pallet Quantities Tiles per pallet 252 / Tiles per pack 42 / Packs per pallet 6

*Aluminium Alloy

FITTINGS & ACCESSORIES

Verge Cloaked Verge Antic Dry Verge Rapid Verge
Hip Third Round Hip Dry Hip Rapid Hip
Valley 125 GRP Valley Dry Valley
Ridge Half Round Ridge Half Round Monoridge


COLOURS

50 DOUBLE ROMAN

A classic interlocking concrete tile with a distinctive Roman profile.
50 DOUBLE ROMAN | 02 Brown (Granular)
An established brown tile with a granulated finish popular across the UK.

50 DOUBLE ROMAN | 03 Antique Red (Granular)
A deep red with a granulated surface finish to give rich texture.
50 DOUBLE ROMAN | 12 Cotswold (Granular)

Emulating the old world colour, tone and texture of natural Cotswold stone.

50 DOUBLE ROMAN | 30 Slate Grey

A popular grey colour, inspired by the appearance of natural slate.
50 DOUBLE ROMAN | 34 Terracotta

The traditional fired-clay red of terracotta tiles.

50 DOUBLE ROMAN | 36 Tudor Brown

A traditional period brown.
50 DOUBLE ROMAN | 39 Farmhouse Red

A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.

50 DOUBLE ROMAN | 52 Breckland Brown

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.
50 DOUBLE ROMAN | 53 Breckland Black
A slate-like grey tile with a red-tinged streaking effect to simulate a weathered roof.

50 DOUBLE ROMAN | 78 Rustic Red (Coated)
A deep red set off by a subtle sheen and with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
Unique to Redland and characterised by its high, bold roll profile, the Regent tile is manufactured with a choice of through-coloured or granular finishes in nine different colours offering flexibility and compatibility to suit all roof types.

This traditionally shaped concrete profile tile provides a striking, bold effect that can be specified in roofing designs with a pitch as low as 12.5°.

**KEY ADVANTAGES**
- Unique high, bold roll profile
- Our lowest pitch capability tile – ideal for extensions and lean-to roofing

**TECHNICAL DATA**

- **Size (overall)**: 418 x 332mm
- **Minimum Pitch and Headlap**:
  - Through coloured: 12.5° at 100mm headlap / 17.5° at 75mm headlap
  - Granular: 22.5° at 100mm headlap / 30° at 75mm headlap
- **Maximum Pitch** (subject to fixing specification): 90°
- **Maximum Headlap**: 125mm
- **Minimum Gauge/Batten Spacing**:
  - Through coloured: below 17.5° at 318mm / 17.5° and over at 343mm
  - Granular: below 30° at 318mm / 30° and over at 343mm
- **Hanging Length (approx.)**: 397mm
- **Cover** (all figures are net and do not allow for wastage)
  - Linear cover of 1 tile: 300mm
  - Covering capacity: 10.5 tiles/m² at 318mm gauge / 9.7 tiles/m² at 343mm gauge
- **Weights**:
  - per pallet, including pallet (approx.):
    - Through coloured: 1.22 tonnes per 1000
    - Granular: 1.46 tonnes
- **Battens Required** (at max. gauge): 2.92m/m²
- **Batten Size**
  - Rafter centres up to 450mm: 38 x 25mm
  - Rafter centres up to 600mm: 50 x 25mm
- **Fixing Clips**
  - Eaves, Verge & Tile Clips
  - **Nail Size for Tiles**
    - 75 x 3.35mm (A/A)
- **Pallet Quantities**
  - Tiles per pallet: 262 / Tiles per pack: 42 / Packs per pallet: 6

**FITTINGS & ACCESSORIES**

- **Verge**
  - Cloaked Verge
  - Ambi-Dry Verge
  - Rapid Verge
- **Hip**
  - Third Round Hip
  - Dry Hip
  - Rapid Hip
- **Valley**
  - 125 GRP Valley
  - Dry Valley
- **Ridge**
  - Half Round Ridge
  - Half Round Monoridge
- **Ventilation Systems**
  - RedVent Eaves Vent
  - RedVent 25 Over-Fascia Vent
  - Rapid Eaves Vent
  - Top Edge Abutment Ventilation
  - DryVent Ridge
  - Continuous Ridge System
  - Uni-Vent Rapid Ridge/Hip
  - Dry Vent Mondridge
  - RedLine Vent Tile

**COLOURS**

- 02 Brown (Granular)
- 03 Antique Red (Granular)
- 04 Slate Grey
- 05 Terracotta
- 06 Tudor Brown
- 07 Farmhouse Red
- 08 Breckland Brown
- 09 Breckland Black
- 10 Rustic Red (Coated)

Regent, Tudor Brown, Germander Park School, Milton Keynes, Buckinghamshire

Regent, Tudor Brown, Germander Park School, Milton Keynes, Buckinghamshire
REGENT | 02 Brown (Granular)
An established brown tile with a granulated finish popular across the UK.

REGENT | 03 Antique Red (Granular)
A deep red with a granulated surface finish to give rich texture.
Slate Grey

A popular grey colour, inspired by the appearance of natural slate.

Offers flexibility and compatibility across every environment from the historical to the contemporary.
REGENT | 34 Terracotta

The traditional fired-clay red of terracotta tiles.

REGENT | 36 Tudor Brown

A traditional period brown.
REGENT | **39** Farmhouse Red

A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.

REGENT | **52** Breckland Brown

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.
REGENT | 53 Breckland Black

A slate-like grey tile with a red-tinged streaking effect to simulate a weathered roof.

REGENT | 78 Rustic Red (Coated)

A deep red set off by a subtle sheen and with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
A neat low-profile tile with a more contemporary feel and a square-edged profile that comes in a variety of through coloured and granular finishes.

RENOWN

Designed to blend unobtrusively into any environment, Renown is easy and quick to cut and fix, making it ideal for shorter lead time new build or refurbishments.

TECHNICAL DATA

- Size (overall): 418 x 330mm
- Minimum Pitch and Headlap:
  - Through coloured: 17.5° at 100mm headlap / 22.5° at 75mm headlap
  - Granular: 22.5° at 100mm headlap / 30° at 75mm headlap
- Maximum Pitch (subject to fixing specification): 90°
- Maximum Headlap: 125mm
- Minimum Gauge/Batten Spacing: 29.1mm
- Maximum Gauge/Batten Spacing:
  - Through coloured: below 22.5° at 318mm / 17.5° and over 343mm
  - Granular: below 30° at 318mm / 30° and over 343mm
- Hanging Length (approx.): 397mm
- Cover (all spaces are net and do not allow for wastage):
  - Linear cover of 1 tile: 300mm
  - Covering capacity: 10.5 tiles/m² at 318mm gauge / 9.7 tiles/m² at 343mm gauge
- Weight:
  - per pallet, including pallet (approx.): 1,056 tonnes / 4,200 tonnes
  - per 1,000: 4.2 tonnes
- Battens Required (at max. gauge): 2.92m²/m²
- Batten Size:
  - Rafter centres up to 450mm: 38 x 25mm
  - Rafter centres up to 600mm: 50 x 25mm
- Fixing Clips:
  - Eaves, Verge & Tile Clips
  - Nail Size for Tiles:
  - (A/A) Aluminium Alloy
- Pallet Quantities:
  - Tiles per pallet: 240
  - Tiles per pack: 40
  - Packs per pallet: 6

COLOURS

- Brown
- Antique Red
- Cotswold
- Slate Grey
- Terracotta
- Tudor Brown
- Farmhouse Red
- Breckland Brown

KEY ADVANTAGES

- Eight colours to provide a match with every regional roofing style
- Exceptional wind and driving rain performance
- Quicker installation saves time and money

FITTINGS & ACCESSORIES

- Verge:
  - Cloaked Verge
  - Ambra Dry Verge
  - Rapid Verge
- Hip:
  - Third Round Hip
  - Dry Hip
  - Rapid Hip
- Valley:
  - 125 GRP Valley
  - Dry Valley
- Ridge:
  - Half Round Ridge
  - Half Round Monoridge
- Ventilation Systems:
  - RedVent EavesVent
  - RedVent 25 Over-Fascia Vent
  - Rapid Eaves Vent
  - Top Edge Abutment Ventilation
  - DryVent Ridge
  - Continuous Ridge System
  - Uni-Vent Rapid Ridge
  - DryVent Monoridge
  - RedLine Vent Tile
  - Rapid Roof Vent
  - Hi-Friction Tile
RENOWN | 02. Brown (Granular)

An established brown tile with a granulated finish popular across the UK.

RENOWN | 03. Antique Red (Granular)

A deep red with a granulated surface finish to give rich texture.
RENOWN 12 Cotswold (Granular)

Emulating the old world colour tone and texture of natural Cotswold stone.

RENOWN 30 Slate Grey

A popular grey colour, inspired by the appearance of natural slate.
RENOWN | 34 Terracotta

The traditional fired-clay red of terracotta tiles.

RENOWN | 36 Tudor Brown

A traditional period brown.
**RENOWN | 39 Farmhouse Red**

A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.

**RENOWN | 52 Breckland Brown**

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.
A natural successor to the distinctive single clay pantiles that characterise so much of the south-east and East Anglia, Fenland Pantile is a cost-effective and convenient alternative to traditional clay.

**TECHNICAL DATA**

- **Size (overall)**: 381 x 227mm
- **Minimum Pitch and Headlap**: 17.5° at 100mm headlap / 22.5° at 75mm headlap
- **Maximum Pitch (subject to fixing specification)**: 90°
- **Maximum Headlap**: 125mm
- **Maximum Gauge/Batten Spacing**: below 22.5° - 281mm
- **Maximum Gauge/Batten Spacing**: 22.5° and over - 306mm
- **Hanging Length (approx.)**: 362mm
- **Cover (all figures are net and do not allow for wastage)**: 200mm
- **Covering capacity**: 17.8 tiles/m² at 281mm gauge / 16.3 tiles/m² at 306mm gauge
- **Weight per pallet, including pallet (approx.)**: 0.98 tonnes / 2.75 tonnes per 1000
- **Battens Required (at max. gauge)**: 3.26m/m²
- **Batten Size**: Rafter centres up to 450mm - 38 x 25mm
  - Rafter centres up to 600mm - 50 x 25mm
- **Fitting Clips**: Eaves, Verge & Tile Clips
- **Nail Size for Tiles**: 45 x 3mm (A/A)
- **Pallet Quantities**: Tiles per pallet - 336 / Tiles per pack - 42 / Packs per pallet - 8
  - (A/A) Aluminium Alloy

**COLOURS**

- **02 Slate Grey**
- **11 Terracotta**
- **34 Tudor Brown**
- **17 Farmhouse Red**
- **30 Breckland Brown**
- **05 Breckland Black**
- **13 Black (Coated)**
- **11 Antique (Sanded)**

**FITTINGS & ACCESSORIES**

- **Hip**: Third Round Hip
- **Valley**: 125 GRP Valley / Dry Valley
- **Ridge**: Half Round Ridge / Half Round Monoridge

**FENLAND PANTILE**

The classic single pantile shape in a modern interlocking concrete format that guarantees robust, weathertight performance in all conditions.
FENLAND PANTILE | 30 Slate Grey

A popular grey colour, inspired by the appearance of natural slate.

FENLAND PANTILE | 34 Terracotta

The traditional fired-clay red of terracotta tiles.
**FENLAND PANTILE | 36** Tudor Brown

A traditional period brown.

**FENLAND PANTILE | 39** Farmhouse Red

A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
FENLAND PANTILE | 52 Breckland Brown

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.

FENLAND PANTILE | 53 Breckland Black

A slate-like grey tile with a red-tinged streaking effect to simulate a weathered roof.
FENLAND PANTILE | 63 Black (Coated)

Our very darkest tile set off by a subtle sheen finish.

FENLAND PANTILE | 71 Antique (Sanded)

A velvety dark brown sanded tile giving rich colour and texture.
The Redland 49 tile is easy to handle and install so offers both speed and economy as a roofing material. Available in a range of attractive colours.

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th><strong>Size (overall)</strong></th>
<th>382 x 226mm</th>
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</thead>
<tbody>
<tr>
<td><strong>Minimum Pitch and Headlap</strong></td>
<td>Through coloured: 17.5° at 100mm headlap / 25° at 75mm headlap. Granular: 22.5° at 100mm headlap / 30° at 75mm headlap.</td>
</tr>
<tr>
<td><strong>Maximum Pitch (subject to fixing specification)</strong></td>
<td>90°</td>
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<tr>
<td><strong>Maximum Headlap</strong></td>
<td>125mm</td>
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<td><strong>Minimum Gauge/Batten Spacing</strong></td>
<td>25.7mm</td>
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<tr>
<td><strong>Maximum Gauge/Batten Spacing</strong></td>
<td>Through coloured: below 25° at 282mm / 25° and over 307mm. Granular: below 30° at 282mm / 30° and over 307mm.</td>
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<tr>
<td><strong>Hanging Length (approx.)</strong></td>
<td>360mm</td>
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<tr>
<td><strong>Cover</strong> (all figures are net and do not allow for wastage)</td>
<td>Linear cover of 1 tile: 200mm</td>
</tr>
<tr>
<td><strong>Covering capacity</strong></td>
<td>Through coloured: 17.7 tiles/m² at 282mm gauge / 16.3 tiles/m² at 307mm gauge. Granular: 15.1 tiles/m² at 282mm gauge / 14.6 tiles/m² at 307mm gauge.</td>
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<tr>
<td><strong>Weights</strong> (per pallet, including pallet)</td>
<td>Through coloured below 25° at 282mm / 25° and over 307mm: 1.01 tonnes per 1000. Granular below 30° at 282mm / 30° and over 307mm: 1.06 tonnes per 1000.</td>
</tr>
<tr>
<td><strong>Battens Required</strong> (at max. gauge)</td>
<td>3.26m²/m²</td>
</tr>
<tr>
<td><strong>Batten Size</strong></td>
<td>Rafter centres up to 450mm: 38 x 25mm. Rafter centres up to 600mm: 50 x 25mm.</td>
</tr>
<tr>
<td><strong>Fixing Clips</strong></td>
<td>Eaves, Verge &amp; Tile Clips.</td>
</tr>
<tr>
<td><strong>Nail Size for Tiles</strong></td>
<td>50 x 3.35mm (A/A).</td>
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<tr>
<td><strong>Pallet Quantities</strong></td>
<td>Tiles per pallet: 336. Tiles per pack: 42. Packs per pallet: 8.</td>
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</table>

**FITTINGS & ACCESSORIES**

- **Hip**
  - Third Round Hip
  - Rapid Hip
- **Valley**
  - 125 GRP Valley
  - Dry Valley
- **Ridge**
  - Half Round Ridge
  - Half Round Monoridge

**Ventilation Systems**

- RedVent Continuum
- RedVent 25 Over-Fascia Vent
- Rapid Eaves Vent
- Continuous Ridge System
- Uni-Vent Rapid Ridge
- Rapid RoofVent
- 4.5k ThruVent Tile

**COLOURS**

- **07 Brown** (Granular)
- **09 Antique Red** (Granular)
- **10 Slate Grey**
- **14 Terracotta**
- **11 Tudor Brown**
- **17 Farmhouse Red**
- **18 Berkshire Brown**
- **13 Rustic Red** (Coated)

A compact and visually appealing interlocking cambered tile that has defined the roofscapes of London and the south-east for more than 65 years.
REDLAND 49 | 02 Brown (Granular)

An established brown tile with a granulated finish popular across the UK.

REDLAND 49 | 03 Antique Red (Granular)

A deep red with a granulated surface finish to give rich texture.
REDLAND 49 | Slate Grey

A popular grey colour, inspired by the appearance of natural slate.

REDLAND 49 | Terracotta

The traditional fired-clay red of terracotta tiles.
REDLAND 49 | 36  Tudor Brown

A traditional period brown.

REDLAND 49 | 39  Farmhouse Red

A popular terracotta red with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
REDLAND 49 | 52 Breckland Brown

A traditional brown tile with a red-tinged streaking effect to simulate a weathered roof.

REDLAND 49 | 78 Rustic Red (Coated)

A deep red set off by a subtle sheen and with a dark colour effect to imitate the attractive aging of a rain-streaked roof.
Cathedral Clay Pantiles combine the character and appeal of natural clay and the performance of a modern interlocking tile.

Precision-manufactured using the latest in clay technology, Cathedral Clay Pantiles produce a striking, durable roof that will mellow into its environment with age.

**TECHNICAL DATA**

- **Size (overall)**: 411 x 265mm
- **Minimum Pitch and Headlap**: 22.5° at 61mm headlap / 30° at 51mm headlap
- **Maximum Pitch**: subject to fixing specification
- **Maximum Headlap**: 71mm
- **Minimum Gauge/Batten Spacing**: 349mm
- **Maximum Gauge/Batten Spacing**: below 30°: 350mm / 30° and over: 360mm
- **Hanging Length (approx.)**: 358mm
- **Cover (all figures are net and do not allow for wastage)**
  - Linear cover of 1 tile: 225mm
  - Covering capacity: 12.3 tiles/m² at 350mm gauge / 12.3 tiles/m² at 360mm gauge
- **Weight per pallet, including pallet (approx.)**: 3.10 tonnes
  - 39kg/m² at 350mm gauge / 38kg/m² at 360mm gauge
- **Battens Required (at max. gauge)**: 2.74m/m²
- **Batten Size**
  - Rafter centres up to 450mm: 38 x 25mm
  - Rafter centres up to 600mm: 50 x 25mm
- **Nail Size for Tiles**
  - Stainless Steel Annular ring shanked nails: 60 x 2.65mm (S/S)
- **Pallet Quantities**
  - Tiles per pallet: 288 / Tiles per pack: 6 / Packs per pallet: 48

**KEY ADVANTAGES**

- Distinctive and historic roof profile
- Suitable for use even on low pitch roofing
- Modern manufacturing techniques provide exceptional reliability

**FITTINGS & ACCESSORIES**

- **Verge**: Cloaked Verge
- **Hip**: Rapid Hip
- **Valley**: 125 GRP Valley / Dry Valley
- **Ridge**: Capped Half Round Ridge

**COLOURS**

- **Terracotta**
- **Brindle**

Cathedral Clay Pantile, Terracotta, Bellway Homes, Stalbridge, Dorset.
CATHEDRAL CLAY PANTILE | **80** Terracotta

The traditional fired-clay red of terracotta tiles.

CATHEDRAL CLAY PANTILE | **82** Brindle

A rich terracotta colour with a subtle brindling effect.
With its distinctive pattern of rolls and troughs, this tile replicates perfectly the traditional old English pantile shape, producing roofscapes of outstanding charm and character.

**Redland Old Hollow Clay Pantile**

- **Redland Old Hollow Clay Pantile** is a traditional overlapping single pantile featuring an authentic ‘reclaimed’ appearance.

**Technical Data**

- **Size (overall)**: 343 x 242mm
- **Minimum Pitch and Headlap**: 30° at 48mm headlap / 35° at 38mm headlap
- **Maximum Pitch**: 90°
- **Minimum Gauge/Batten Spacing**: 295mm
- **Maximum Gauge/Batten Spacing**: below 35° 295mm / 35° and over 305mm
- **Hanging Length**: 310mm
- **Cover (all figures are net and do not allow for wastage)**:
  - Linear cover of 1 tile: below 35° 206mm / 35° and over 202mm
  - Covering capacity: 16.8 tiles/m² at 295mm gauge / 16.2 tiles/m² at 305mm gauge
- **Weight**: 37kg/m² at 295mm gauge / 36kg/m² at 305mm gauge
  - per pallet, including pallet (approx.): 0.76 tonnes / 2.20 tonnes
- **Battens Required (at max gauge)**:
  - below 35°: 3.39m/m²
  - 35° and over: 3.28m/m²
- **Batten Size**:
  - Rafter centres up to 450mm: 38 x 25mm
  - Rafter centres up to 600mm: 50 x 25mm
- **Nail Size for Tiles**:
  - 55 x 2.65mm (S/S)
- **Pallet Quantities**:
  - Tiles per pallet: 336 / Tiles per pack: 6 / Packs per pallet: 56

**Key Advantages**

- Authentic rustic finish
- Random pattern and texturing enhances vintage effect
- Modern production techniques allow maximum integrity in high roll profile

**Colours**

- **Vintage Blue**
- **Vintage Red**

**Fittings & Accessories**

- **Valley**
  - 125 GRP Valley
  - Dry Valley
- **Ridge**
  - Capped Half Round Ridge
  - Ventilation Systems
    - RedVent EavesVent
    - RedVent 25 Over-Fascia Vent
    - Rapid Eaves Vent
    - Continuous Ridge System
    - 4.5k ThruVent Tile

**Old Hollow Clay Pantile**

- **Vintage Blue**
- **Vintage Red**

**Old Hollow Clay Pantile, Vintage Blue, Kingsbarns Distillery and Visitor Centre, Kingsbarns, Fife**

**Old Hollow Clay Pantile, Vintage Red, Blampied Farm, Jersey**
OLD HOLLOW CLAY PANTILE | 60 Vintage Blue

A worn grey-blue with a random colour finish to create a weathered and aged appearance.

OLD HOLLOW CLAY PANTILE | 80 Vintage Red

An antique red with a random colour finish to create a weathered and aged appearance.
Emulating the Courtrai tile, which was imported into the UK from Belgium between the world wars due to a lack of indigenous supply at the time.

POSTEL CLAY TILE

A tile particularly popular in the south-east for domestic reroofing, it replicates the shape of the ‘Courtrai’ tile, with guaranteed weathertightness down to 20°.

TECHNICAL DATA

- **Size** (overall) 315 x 230mm
- **Minimum Pitch and Headlap** 20° at 70mm headlap
- **Maximum Pitch** (subject to fixing specification) 90°
- **Minimum Gauge/Batten Spacing** 235mm
- **Maximum Gauge/Batten Spacing** 245mm
- **Hanging Length (approx.)** 285mm
- **Cover** (all figures are net and do not allow for wastage)
  - Linear cover of 1 tile 200mm
  - Covering capacity 20.4 tiles/m²
- **Weight**
  - per pallet, including pallet (approx.) 1.22 tonnes
  - per 1000 2.00 tonnes
- **Battens Required (at max. gauge)** 4.08kg/m²
- **Batten Size**
  - Rafter centres up to 450mm 38 x 25mm
  - Rafter centres up to 600mm 50 x 25mm
- **Nail Size for Tiles**
  - 45 x 3.35mm (S/S)
- **Pallet Quantities**
  - Tiles per pallet 600 / Tiles per pack 8 / Packs per pallet 75
  - *(S/S) Stainless Steel Annular ring shanked*
### ORNAMENTAL RIDGES AND FINIALS

**Product Codes**

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<tr>
<th>Product Code</th>
<th>Overall Size (L x W x H mm)</th>
<th>Height of Crest (mm)</th>
<th>Weight (kg)</th>
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<td>Half Round Ridge Block-End 7140 400 x 236 x 315</td>
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<td>8.8</td>
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<tr>
<td>Three-Hole Crested Ridge</td>
<td>Half Round Ridge 7455 400 x 236 x 196</td>
<td>100</td>
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<td>Half Round Ridge Block-End 7140 400 x 236 x 315</td>
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<td>Half Round Ridge 7467 400 x 236 x 196</td>
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<td></td>
<td>Half Round Ridge Block-End 7120 400 x 236 x 315</td>
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<td>Short Ball Top Finial</td>
<td>Half Round Ridge 7481 300 x 236 x 196</td>
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<td>Half Round Ridge Block-End 7482 300 x 236 x 315</td>
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<td>Tall Ball Top Finial</td>
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<td>Half Round Ridge Block-End 7484 300 x 236 x 315</td>
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<td>Half Round Ridge Block-End 7490 300 x 236 x 315</td>
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**Guidance Notes**

- All Ornamental Ridges and Finials should be fixed using 100mm stainless steel wood screws.

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**FITTINGS COLOUR RANGE**

**Product Code**

<table>
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<tr>
<th>Product Code</th>
<th>Overall Size (L x W x H mm)</th>
<th>Height of Crest (mm)</th>
<th>Weight (kg)</th>
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<td>Third Round Hip</td>
<td>Half Round Ridge 7468 400 x 236 x 196</td>
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<td>Half Round Ridge Block-End 7140 400 x 236 x 315</td>
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<td>Half Round Ridge</td>
<td>Half Round Ridge 7455 400 x 236 x 196</td>
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<td>Half Round Ridge Block-End</td>
<td>Half Round Ridge Block-End 7120 400 x 236 x 315</td>
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<td>Half Round Right Hand Terminal</td>
<td>Half Round Ridge 7455 400 x 236 x 196</td>
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<td>Half Round Left Hand Terminal</td>
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<td>Half Round Cockcrests Ridge</td>
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<td>Half Round Concealed Ridge</td>
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<td>Half Round Short Ball Top Finial</td>
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<td>Half Round Ridge Block-End 7482 300 x 236 x 315</td>
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<td>Half Round Tall Ball Top Finial</td>
<td>Half Round Ridge 7483 300 x 236 x 196</td>
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<td>Half Round Ridge Block-End 7484 300 x 236 x 315</td>
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<td>Half Round Fleur-de-Lys Finial</td>
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<td>Half Round Ridge Block-End 7490 300 x 236 x 315</td>
<td>420</td>
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</tr>
</tbody>
</table>

**KEY ADVANTAGES**

- Fully compatible with all our ridge fixing systems
- Range of popular styles
PRODUCT CODES

TILES

| Landmark | Landmark | Groovebury | S3 Double | Regent | Reservoir | Fondland | Radiant | Cathedral | Old Hollow | Pastel Clay |
|----------|----------|------------|-----------|--------|-----------|-----------|---------|-----------|-----------|-----------|------------|
| 9281     | 9281     | 9281       | 9281      | 9341   | 9341      | 9341      | 9341    | 9341      | 9341      | 9341      | 9341       |
| 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 | 450 x 150 |

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DRAINS SYSTEMS

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ECCENTRICS SYSTEMS

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PUBLIC SYSTEMS

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PRODUCT CODES

For fittings colour range availability refer to table on page 91.

All dimensions are in mm (unless stated) in the order: length, width and height (where applicable).

For colour range availability refer to table on page 91.
<table>
<thead>
<tr>
<th>Product Code</th>
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<td>9313</td>
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<td>Capped Half Round Ridge Block End</td>
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<td>9311</td>
<td>Gas Flue End Caps (100 to 150mm)</td>
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<td>Eaves Clip Nails (Alum. Alloy)</td>
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<td>Flexible Pipe (100 to 100mm)</td>
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</table>

Other accessories:

- Flexible Pipe
- Flexible Roof Adaptor

* Stainless Steel ring standard
PERFORMANCE AND APPEARANCE

Authority
All concrete tiles conform to BS EN 1490-2011:Concrete roofing tiles and fittings for roof covering and wall cladding – Product specifications. All clay tiles conform to BS EN 1304:2013:Clay roofing tiles and fittings – Product definitions and specifications.

Sustainability
As members of the Roof Tile Association, data supplied for our concrete and clay roof tiles enabled the BREE Green Guide to Specification to award the highest A+ rating for generic concrete and A+ rating for generic clay tile.

Guarantees
All of our products are designed and tested to work together. So when specified by Redland as part of a Housebuilder or Specifier project not only is every product guaranteed weather tight, all the junctions between them are similarly guaranteed under the terms and conditions of the relevant guarantee. Redland offers either 10 or 15 year guarantees depending upon the product specification including the products chosen as well as the nature of the project. If any Redland product fails during the guarantee period, we will not only replace it, we will also pay for the cost of labour and associated materials. Please consult Redland Technical Solutions for more information.

Besides guaranteeing the tiles, this guarantee includes all of our fittings and accessories. A complete Redland roof is a completely guaranteed roof.

Composition and Manufacture
Concrete tiles are manufactured by a high-pressure extrusion and compaction process. Rosemary clay plain tiles are extruded Old Hollow and Cathedral Clay Pantiles, and Postel Clay Tiles are pressed.

Performance
All tiles have been rigorously tested in our wind tunnel where combinations of high wind and driving rain are used to determine the products’ performance with respect to wind loading and weathertightness. Tiles will meet the requirements of BS 1539:2014:Code of practice for framing and fixing providing our fixing recommendations are complied with.

Movement
Designed vertical and horizontal laying tolerances will accommodate normal thermal and other movements.

Fire Resistance
All tiles are non-combustible and are classified S.A.A. when tested for fire resistance. There are no restrictions on their use under the Building Regulations.

Strength and Durability
Tiles do not delaminate and despite having high strength properties, are easy to cut. All Redland clay and concrete tiles exceed the minimum strength requirements as laid down in BS EN 11204 or BS EN 490 respectively.

Environmental Effects
Flame: unaffected by flame action.
Heat: unaffected by temperature extremes.
Sunlight: unaffected by prolonged exposure to ultraviolet light and sunlight.
Atmospheric pollution: suitable for all rural marine and normal industrial environments. Resistant to all but the most highly polluted atmospheres, where sulphur dioxide levels exceed 70 microgrammes/m3 of air.

Biological Effects
Birds and rodents: tiles are not attacked, or degraded by birds, rodents or insects. Slates and shakes tile durability is not affected by the growth of lichen and mosses. However, the removal of growths may be necessary when the flow of rainwater off the roof is impeded and where pattern or design is blocked.

Health & Safety
Material Safety Data Sheets covering properties, storage and safe use of our products are available for download from our website: www.redland.co.uk.

Appearance
Under normal production conditions colour variation may occur in tiles and fittings. Natural weathering may also cause changes in colour and appearance. In both cases this is acceptable under BS EN 490. Scratches and abrasions caused by packing, loading and transportation are also permissible as long as the overall tile quality is not affected.

Landmark tiles are designed to change over time, just as clay tubs and de-velops character. With the exception of Landmark, efflorescence, which is a surface phenomenon associated with concrete products, may result in a temporary lightening of the tile colour. This will be removed by weathering.

For the best visual effect on the roof tiles must be selected randomly from a minimum of three different pallets. When laying tiles in prominent areas it is advisable to ensure that there are sufficient stocks of mixed tiles available to complete the elevation. Tiles of the same colour or profile, which are manufactured at different plants, must not be mixed on the same roof area.

Fixing Specification
For information on how to obtain recommended fixing specifications, go to www.redland.co.uk/technical

All mortar bedded hips and ridges must be mechanically fixed.

General Guidance
• Tiles must be laid straight loaded normally from right to left.
• Eaves Comb Filler must be held at all eaves situations with Landmark Double Pantiles, Groverbary, Regent, Fenland Pantile, Cathedral and Old Hollow Clay Pantiles.
• All left-hand verges use Standard Tiles with interlocking removal. All right-hand verges, use Standard Tiles. Half Tiles must not be used at verges. Use Left-hand verge tiles with Postel Clay Ties, Cathedral and Old Hollow Clay Pantiles.
• Dentil clips must be used for mortar bedded ridges and hips with Old Hollow Clay Pantiles.
• Half Tiles should be used with Landmark Double Pantile, Landmark Double Roman, Groverbary 50 Double Roman and Regent to avoid the use of small cut tiles at the Left-hand verge. Use Two-Thirds Tile with Cathedral Clay Pantiles.
• Old Hollow Clay Pantiles have no interlocks. It is very important that pre-punched tiles are struck prior to laying to ensure the correct side overlap of 60mm is achieved.

Tinber Sarking
Roofing practice in Scotland includes the use of timber sarking and counter-battens. Insulation board is also widely used as a vapour barrier throughout the UK. The presence of sarking board in either of these forms will affect many of our standard details. It must be noted that the combined thickness of the sarking and counter-battens chosen may alter details slightly for insulation board advice on the size and fixing of the counterbattens should be obtained from the specific insulation manufacturer.

Fixing Specification
For information on how to obtain recommended fixing specifications, go to www.redland.co.uk/technical

All mortar bedded hips and ridges must be mechanically fixed.

Where standards are referenced, compliance is always with the latest version. Drawings shown are diagrammatic and should not be scaled. Refer to CAD drawings in DesignMaster CAD library for specific dimensions. The limitations of printing may mean a slight variation in colour. Please refer to a sample tile for best colour reference. We are committed to continuously enhancing and improving our product range. We reserve the right to change product specifications for the latest information please contact Customer Service.

Project photographs should not be used as a guide to installation.

Trade marks The following are United Kingdom trade marks and are registered in the name of Monier Redland Limited or other business units of BMBG: Ambi-Dry, Cambrian, Coloursafe, Cranmer, Duolux, Fenmaster, Groverbary, Heathland, L&D, Landmark, Langdale, QuantMaster, Redland, Redland Cambrian, RedLine, RedVent, Regent, Roman Arch, Rosemary, Saxon, SpectraMaster, Spectra, Stonewold, Waba-Tile.

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