

PLAIN 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 36 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.



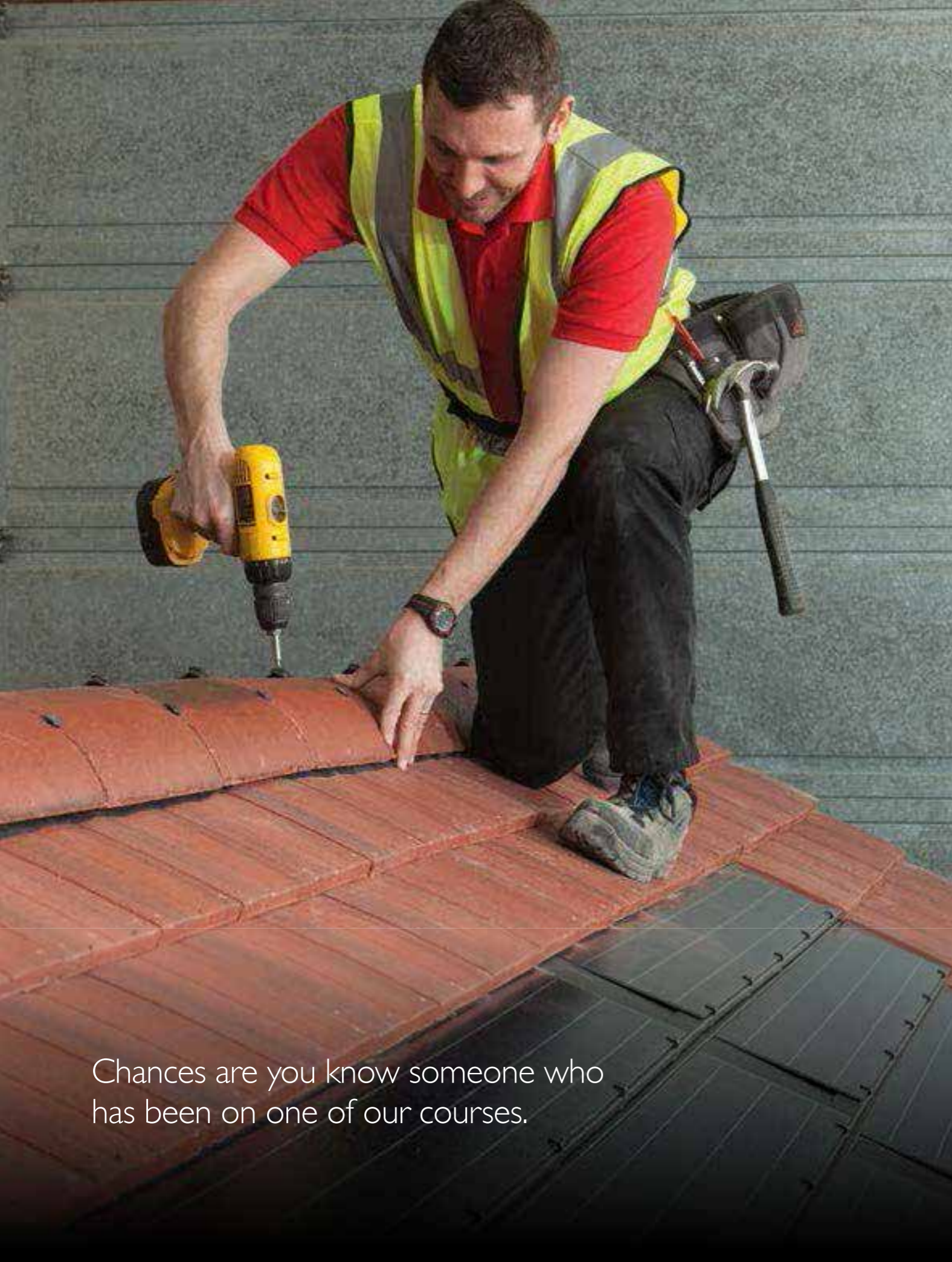
Rosemary Clay Craftsman, Albury and Hawkhurst,
Private House, Bursledon, Hampshire

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For further information on Redland:
Visit www.redland.co.uk or telephone our
Customer Service Hotline on 03705 601000

INDUSTRY SUPPORT AND TRAINING



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

REDLAND TECHNICAL SOLUTIONS SERVICE

SpecMaster is a free guaranteed roof specification service 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 guarantee.

REDLAND TECHNICAL SOLUTIONS HOTLINE

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

Redland has a purpose-built national Training & Resource Centre at South Cerney in Gloucestershire where Redland personnel, customers, suppliers and specifiers regularly undertake in-depth classroom and practical training. Since it was established in 1983, more than 40,000 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.



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.

- 
SpecMaster
 Complete guaranteed roof specification service with NBS-based clauses
- 
QuantMaster
 Redland's bespoke roof materials quantity estimating service
- 
DesignMaster
 Comprehensive CAD library of over 4,000 quality roofing drawings
- 
ViewMaster
 The online visualisation software that enables you to 'try before you buy'
- 
FixMaster
 Fixing specification service tailored to each customer's needs
- 
EcoMaster
 Guaranteed specification service for projects using renewable energy systems

Visit www.redland.co.uk/services for further information on these services



ADAPTABILITY IS A KEY FEATURE OF THE PLAIN TILE RANGE

PLAIN TILE RANGE

The name 'plain' belies the incredible scope and variety of this uniquely versatile roofing material.

Fired clay plain tiles were in use as early as the 14th century. But it was only after the Great Fire of London in 1666, when thatched roofing was no longer allowed in the city, that their use became widespread.

The Redland plain tile range offers a huge selection of colours and finishes to match the many and varied styles still seen around the UK. With a wide choice of clay and concrete tiles suited to almost any pitched roof design, they will produce striking roofs of timeless quality.








	ROSEMARY CLAY CRAFTSMAN	ROSEMARY CLAY CLASSIC	HEATHLAND
			
Page No.	6-9	10-21	22-29
Min. Pitch	35°	35°	35°
Weight	78kg/m ²	78kg/m ²	75kg/m ²
Cover	60 tiles/m ²	60 tiles/m ²	60 tiles/m ²
	PLAIN TILE	DUOPLAIN	FONTENELLE INTERLOCKING CLAY PLAIN TILE
			
Page No.	30-45	46-55	56-61
Min. Pitch	35°	25°	20°*
Weight	75kg/m ²	55kg/m ²	52kg/m ²
Cover	60 tiles/m ²	17.7 tiles/m ²	19.6 tiles/m ²

*15° in certain circumstances

Plain tile products are priced according to their colour and surface finish; they are designated as Traditional, Heritage, Premier and Premier Plus. Note that this classification does not apply to Rosemary Clay plain tiles.

Colour Key

-  Rosemary Clay
-  Traditional
-  Heritage
-  Premier
-  Premier Plus

Random textured surfaces, irregular front edge distortion and varying hanging lengths combine to give Rosemary Clay Craftsman the look of traditional handmade clay tiles.

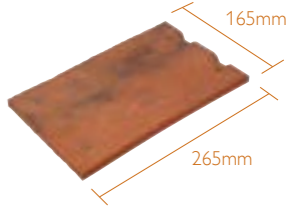


Rosemary Clay Craftsman, Hawkhurst, Private House, Cambridge, Cambridgeshire



ROSEMARY CLAY CRAFTSMAN

A unique manufacturing process on a bespoke production line enables tiles to be produced with a heritage look while maintaining all the attributes and strengths of a brand new tile.



KEY ADVANTAGES

- Irregular front edge distortion and varying hanging length
- Replicating look of genuine handmade clay tiles
- Four classic colours

TECHNICAL DATA

Size (overall)	265 x 165mm
Minimum Pitch	35°
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	Below 90° 65mm / at 90° 35mm
Maximum Headlap	88mm
Minimum Gauge/Batten Spacing	88mm
Maximum Gauge/Batten Spacing	below 90° 100mm / at 90° 115mm
Hanging Length (approx.)	255mm
Cover (all figures are net and do not allow for wastage)	
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m ² / at 90° 52 tiles/m ²
Weight (at max. gauge approx.)*	below 90° 78kg/m ² / at 90° 68kg/m ²
per pallet, including pallet (approx.)	0.95 tonnes
per 1000	1.30 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m ²
Batten Size	
Rafter centres up to 600mm	38 x 25mm
Nail Size for Tiles #	40 x 2.65mm (A/A)
Pallet Quantities	Tiles per pallet 720 / Tiles per pack 12 / Packs per pallet 60

*All weights nominal # (A/A) Aluminium Alloy

FITTINGS & ACCESSORIES

Ornamental Tile	Club Tiles
Angles	External Angles Internal Angles
Hip	Universal Bonnet Hip Third Round Hip Baby Ridge Dry Hip Rapid Hip
Valley	Valley Tiles 125 GRP Valley Dry Valley
Ridge	Half Round Ridge
Ventilation Systems	RedVent EavesVent RedVent 25 Over-Fascia Vent Rapid EavesVent Top Edge Abutment Ventilation DryVent Ridge Rapid Vented Ridge Uni-Vent Rapid Ridge/Hip RedLine Ventilation Tile

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 63.



COLOURS



ROSEMARY CLAY CRAFTSMAN | **72** Foxwood (Sanded)

The look of a vibrant orange clay with authentic natural textures to create a heritage handmade look.

ROSEMARY CLAY CRAFTSMAN | **84** Hawkhurst (Sanded)

A traditional warm bright clay with authentic natural textures to create a heritage look.



ROSEMARY CLAY CRAFTSMAN | **85** Albury (Sanded)

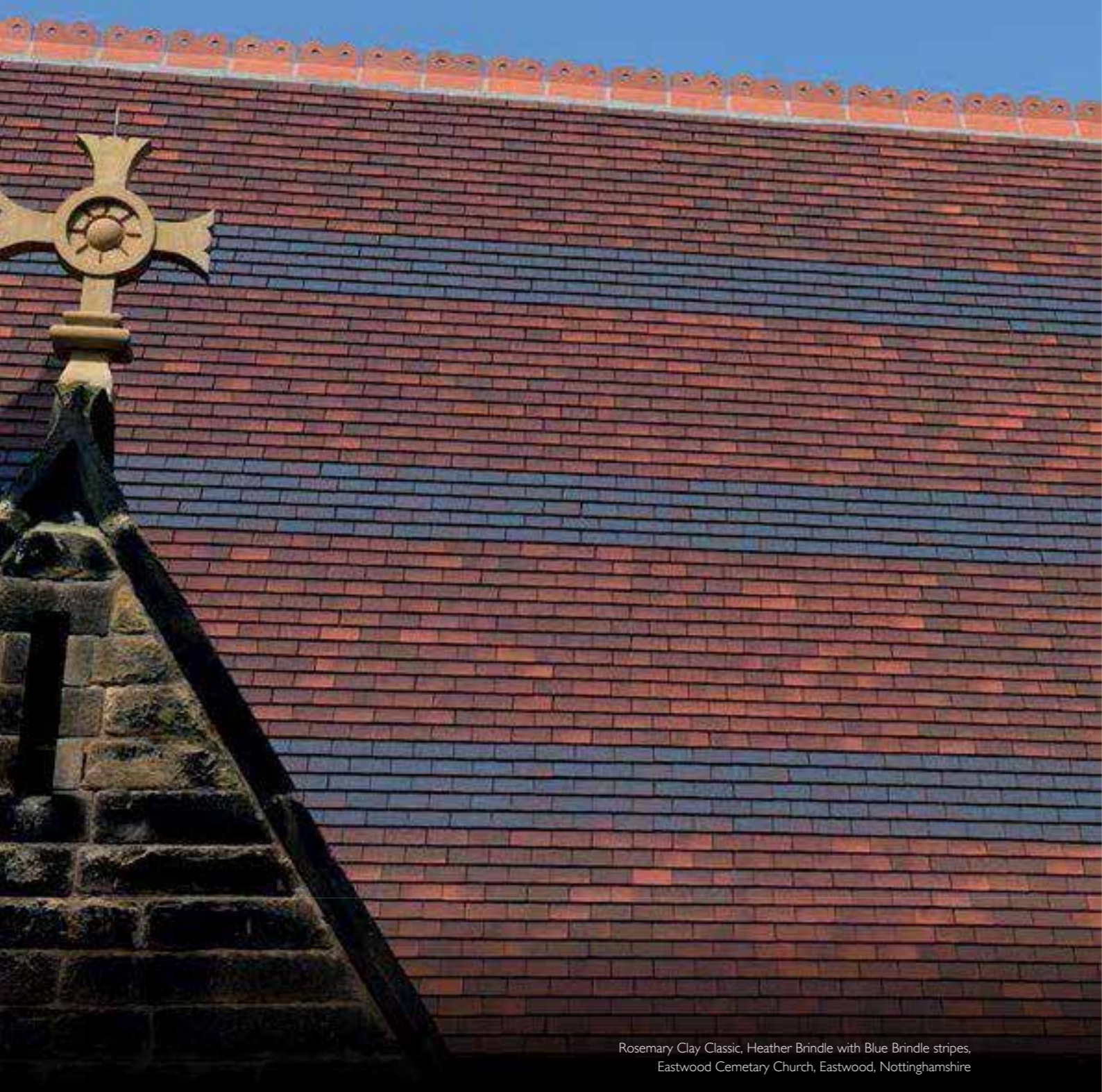
A traditional warm dark reddish clay with authentic natural textures to create an aged heritage look.



ROSEMARY CLAY CRAFTSMAN | **98** Victorian

A dark and blackened clay with authentic natural textures to create an aged heritage look.

The Rosemary name is synonymous with quality clay plain tiles. For over 175 years Rosemary has been adding character to British roofs.

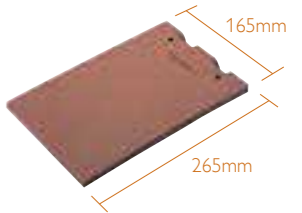


Rosemary Clay Classic, Heather Brindle with Blue Brindle stripes, Eastwood Cemetary Church, Eastwood, Nottinghamshire



ROSEMARY CLAY CLASSIC

Produced from the finest clays, Rosemary is offered in a range of weathered, brindled and single colours.



KEY ADVANTAGES

- Rosemary brand synonymous with clay plain tiles
- Smooth and sanded finishes
- Mellows naturally with age

TECHNICAL DATA

Size (overall)	265 x 165mm
Minimum Pitch	35°
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	Below 90° 65mm / at 90° 35mm
Maximum Headlap	88mm
Minimum Gauge/Batten Spacing	88mm
Maximum Gauge/Batten Spacing	below 90° 100mm / at 90° 115mm
Hanging Length (approx.)	255mm
Cover (all figures are net and do not allow for wastage)	
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m ² / at 90° 52 tiles/m ²
Weight (at max. gauge approx.)*	below 90° 78kg/m ² / at 90° 68kg/m ²
per pallet, including pallet (approx.)	1.11 tonnes
per 1000	1.30 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m ²
Batten Size	
Rafter centres up to 600mm	38 x 25mm
Nail Size for Tiles #	40 x 2.65mm (A/A)
Pallet Quantities	Tiles per pallet 840 / Tiles per pack 14 / Packs per pallet 60

*All weights nominal # (A/A) Aluminium Alloy

FITTINGS & ACCESSORIES

Ornamental Tile	Club Tiles
Angles	External Angels Internal Angels
Hip	Universal Bonnet Hip Arnis Hips Third Round Hip Baby Ridge Dry Hip Rapid Hip
Valley	Valley Tiles 125 GRP Valley Dry Valley
Ridge	Half Round Ridge
Ventilation Systems	RedVent EavesVent RedVent 25 Over-Fascia Vent Rapid EavesVent Top Edge Abutment Ventilation DryVent Ridge Rapid Vented Ridge Uni-Vent Rapid Ridge/Hip RedLine Ventilation Tile

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 63.



COLOURS



ROSEMARY CLAY CLASSIC | **80** Red

Our most popular classic red in varying shades.

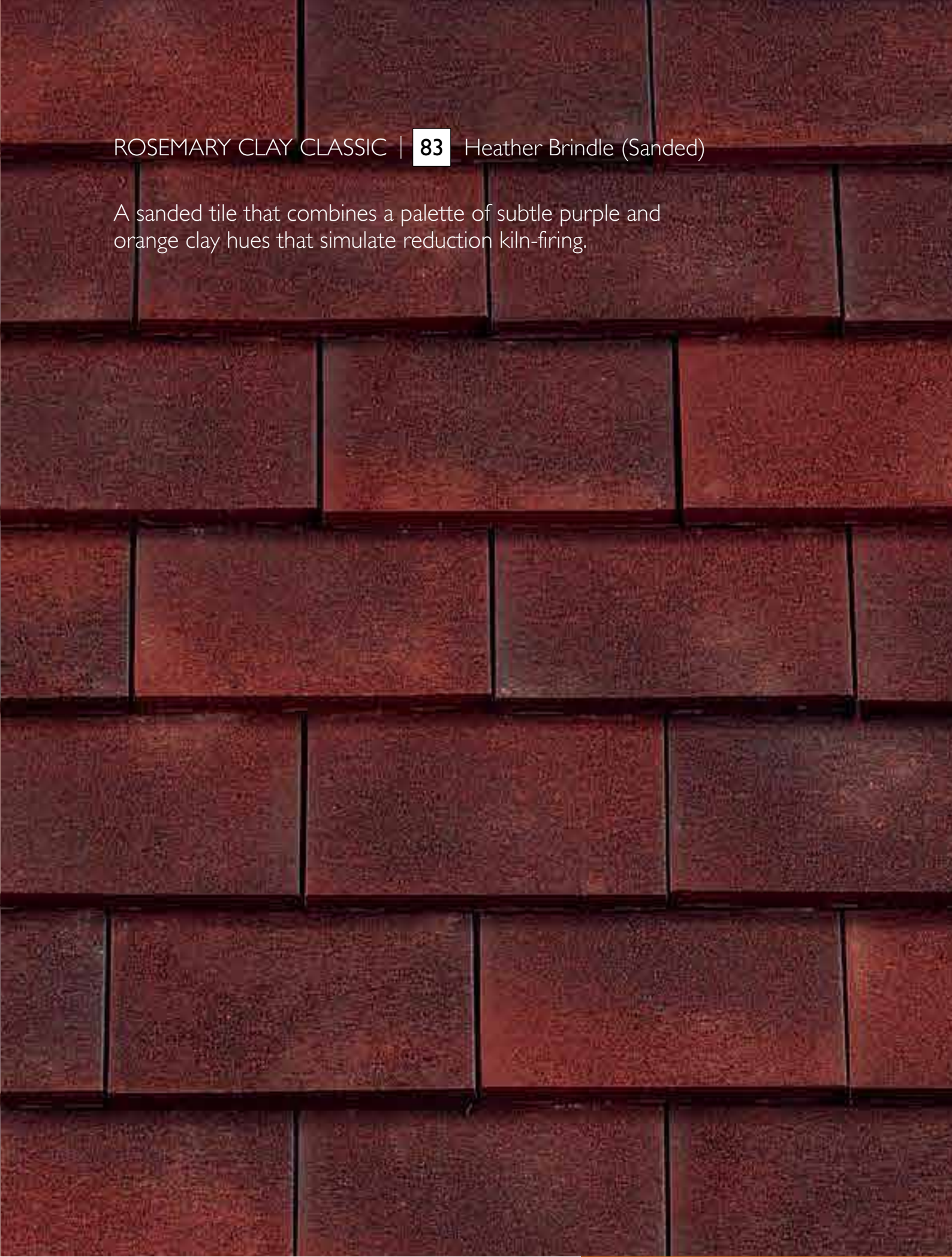
ROSEMARY CLAY CLASSIC | **81** Light Mixed Brindle

A variable mix of light brindled and red clay tiles which create a pleasing textured roofscape.



ROSEMARY CLAY CLASSIC | **82** Medium Mixed Brindle

Our most popular clay tile. A variable mix of medium-toned brindled clay tiles which create a pleasing roofscape.



ROSEMARY CLAY CLASSIC | **83** Heather Brindle (Sanded)

A sanded tile that combines a palette of subtle purple and orange clay hues that simulate reduction kiln-firing.

ROSEMARY CLAY CLASSIC | **87** Blue Brindle

Simulates the striking variable blue hues that come from Midlands reduction kiln-fired clay.

ROSEMARY CLAY CLASSIC | **91** Burnt Blend (Sanded)

A classic red, where red and black sands partially coat the surface to create a highly distinct finish, for a characterful roof.

ROSEMARY CLAY CLASSIC | **94** Russet Mix (Sanded)

A sanded tile with a mix of varying brown tones to give a rich textured roofscape.

ROSEMARY CLAY CLASSIC | **95** Dark Antique

A unique dark finish imitates the historic smoke-tarnished roofs often found in the South.



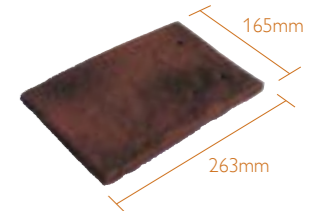
Variation in hanging length, irregular sides and subtle surface texturing, finished with randomly applied fine sands combine to create all the visual features of a handmade clay tile.

Heathland, Elizabethan & Wealden Red, Private Residence, Albourne, West Sussex



HEATHLAND

Heathland combines natural weathered character with the performance of a machine-made tile in an attractive and cost-effective roofing product.



KEY ADVANTAGES

- Concrete tile with randomly applied fine sand coating
- Varying hanging length
- Offers practical and economic alternative to handmade clay tiles

TECHNICAL DATA

Size (overall)	263 x 165mm
Minimum Pitch	35°
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	Below 90° 65mm / at 90° 35mm
Maximum Headlap	88mm
Minimum Gauge/Batten Spacing	88mm
Maximum Gauge/Batten Spacing	below 90° 100mm / at 90° 115mm
Hanging Length (approx.)[†]	243mm
Cover* (all figures are net and do not allow for wastage) [†]	
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m ² / at 90° 52 tiles/m ²
Weight (at max. gauge approx.)*	below 90° 75kg/m ² / at 90° 65kg/m ²
per pallet, including pallet (approx.)	1.01 tonnes
per 1000	1.25 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m ²
Batten Size	
Rafter centres up to 600mm	38 x 25mm
Fixing Clips	Top Tile Clips
Nail Size for Tiles[#]	40 x 2.65mm (A/A)
Pallet Quantities	Tiles per pallet 768 / Tiles per pack 16 / Packs per pallet 48

*All weights nominal [#](A/A) Aluminium Alloy

[†] Variation in hanging length and linear cover is a purpose designed feature of this tile and therefore the relevant clauses of BS EN 490 do not apply.

COLOURS



FITTINGS & ACCESSORIES

Ornamental Tile	Club Tiles
Angles	External Angels
Hip	Universal Bonnet Hip Third Round Hip Baby Ridge Dry Hip Rapid Hip
Valley	Universal Valley Tile 125 GRP Valley Dry Valley
Ridge	Half Round Ridge Half Round Monoridge
Ventilation Systems	RedVent EavesVent RedVent 25 Over-Fascia Vent Rapid EavesVent Top Edge Abutment Ventilation DryVent Ridge DryVent Monoridge Rapid Vented Ridge Uni-Vent Rapid Ridge/Hip RedLine Ventilation Tile

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 63.





HEATHLAND | **20** Manor House Mix (Granular)

A popular mix of natural earth with a vibrant secondary orange colour and granulated surface texturing.



HEATHLAND | **22** Wealden Red (Sanded)

A warm vibrant red with fine sand surface finish to create a pleasing textured roofscape.

HEATHLAND | 23 Autumn (Sanded)

A red-bodied tile with a green-hued fine sand surface-finish to simulate the attractive lichen growth often found on an aged roof.

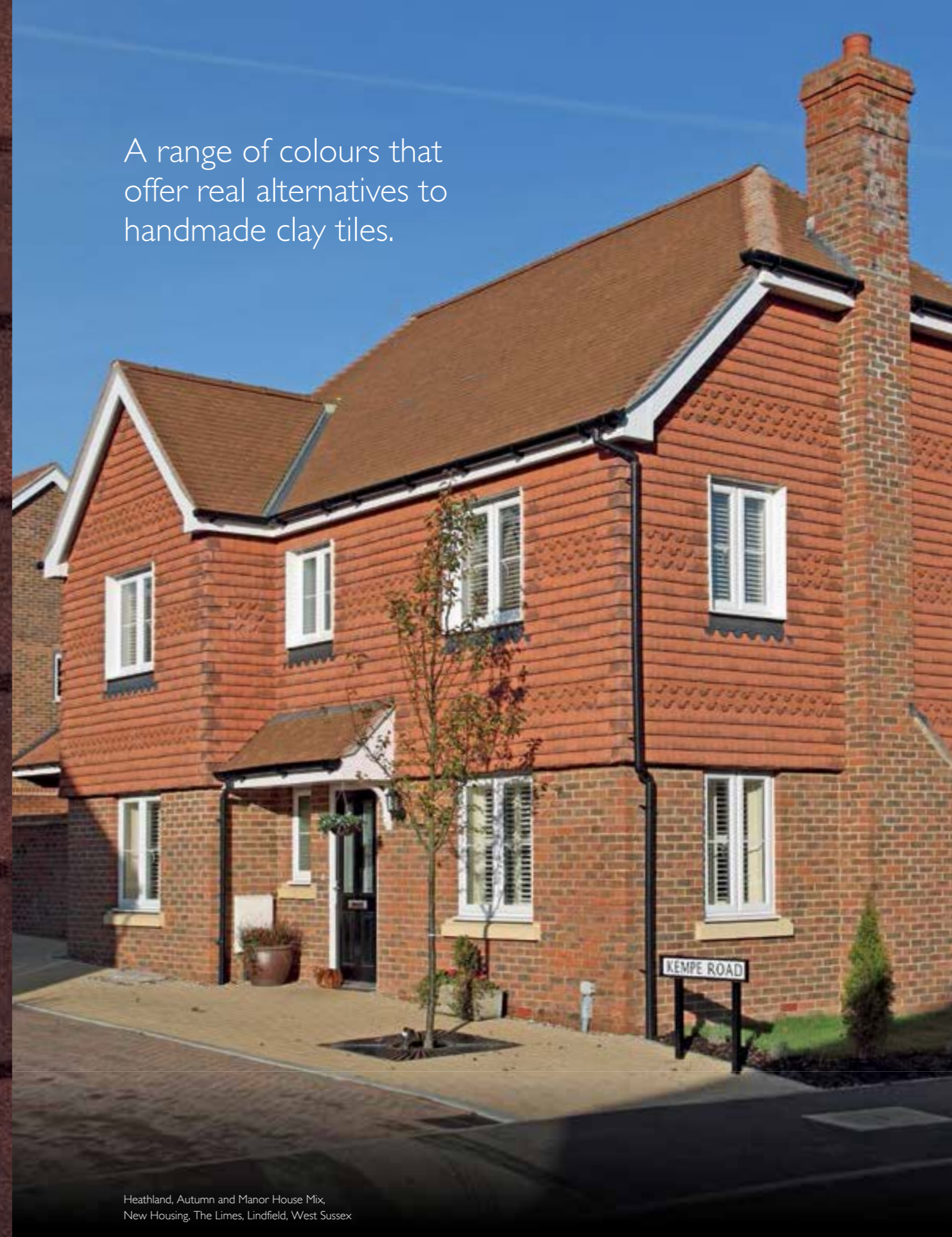
HEATHLAND | 25 Ember (Sanded)

An orange-bodied tile with a burnt brown granular surface effect, creating a pleasing textured roofscape.

HEATHLAND | 26 Elizabethan (Sanded)

A deep red-bodied tile with a fine black sand surface finish, creating a pleasing textured roofscape.

A range of colours that offer real alternatives to handmade clay tiles.



Heathland, Autumn and Manor House Mix,
New Housing, The Limes, Lindfield, West Sussex



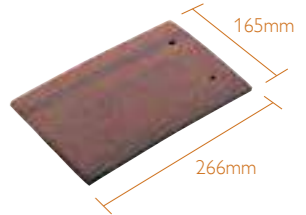
A cross-cambered concrete tile with a traditional appearance that's easy to fix and robust enough to withstand the worst of the British weather.

Plain Tiles, Natural Red and Rustic Red, New Housing, The Limes, Lindfield, West Sussex



PLAIN TILE

Available in a range of fourteen natural shades, granular, through-coloured and acrylic coated, to match any roofing environment.



KEY ADVANTAGES

- Versatile concrete tile with wide scope for a variety of roofing effects
- Quick and easy to lay
- Smooth, coated and sanded finishes to blend with every regional roofing style

TECHNICAL DATA

Size (overall)	266 x 165mm
Minimum Pitch	35°
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	Below 90° 65mm / at 90° 35mm
Maximum Headlap	88mm
Minimum Gauge/Batten Spacing	88mm
Maximum Gauge/Batten Spacing	below 90° 100mm / at 90° 115mm
Hanging Length (approx.)	246mm
Cover (all figures are net and do not allow for wastage)	
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m ² / at 90° 52 tiles/m ²
Weight (at max. gauge approx.)*	below 90° 75kg/m ² / at 90° 65kg/m ²
per pallet, including pallet (approx.)	1.01 tonnes
per 1000	1.25 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m ²
Batten Size	
Rafter centres up to 600mm	38 x 25mm
Fixing Clips	Top Tile Clips
Nail Size for Tiles #	40 x 2.65mm (A/A)
Pallet Quantities	Tiles per pallet 768 / Tiles per pack 16 / Packs per pallet 48

*All weights nominal # (A/A) Aluminium Alloy

FITTINGS & ACCESSORIES

Ornamental Tile	Club Tiles
Angles	External Angels
Hip	Universal Bonnet Hip Third Round Hip Baby Ridge Dry Hip Rapid Hip
Valley	Universal Valley Tile 125 GRP Valley Dry Valley
Ridge	Half Round Ridge Half Round Monoridge
Ventilation Systems	RedVent EavesVent RedVent 25 Over-Fascia Vent Rapid EavesVent Top Edge Abutment Ventilation DryVent Ridge DryVent Monoridge Rapid Vented Ridge Uni-Vent Rapid Ridge/Hip RedLine Ventilation Tile Rapid RoofVent 4.5k ThruVent Tile

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 63.

COLOURS





PLAIN TILE | **02** Brown (Granular)

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



PLAIN TILE | **03** Antique Red (Granular)

A deep red with a granulated surface finish to give rich texture.



PLAIN TILE | **12** Cotswold (Granular)

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



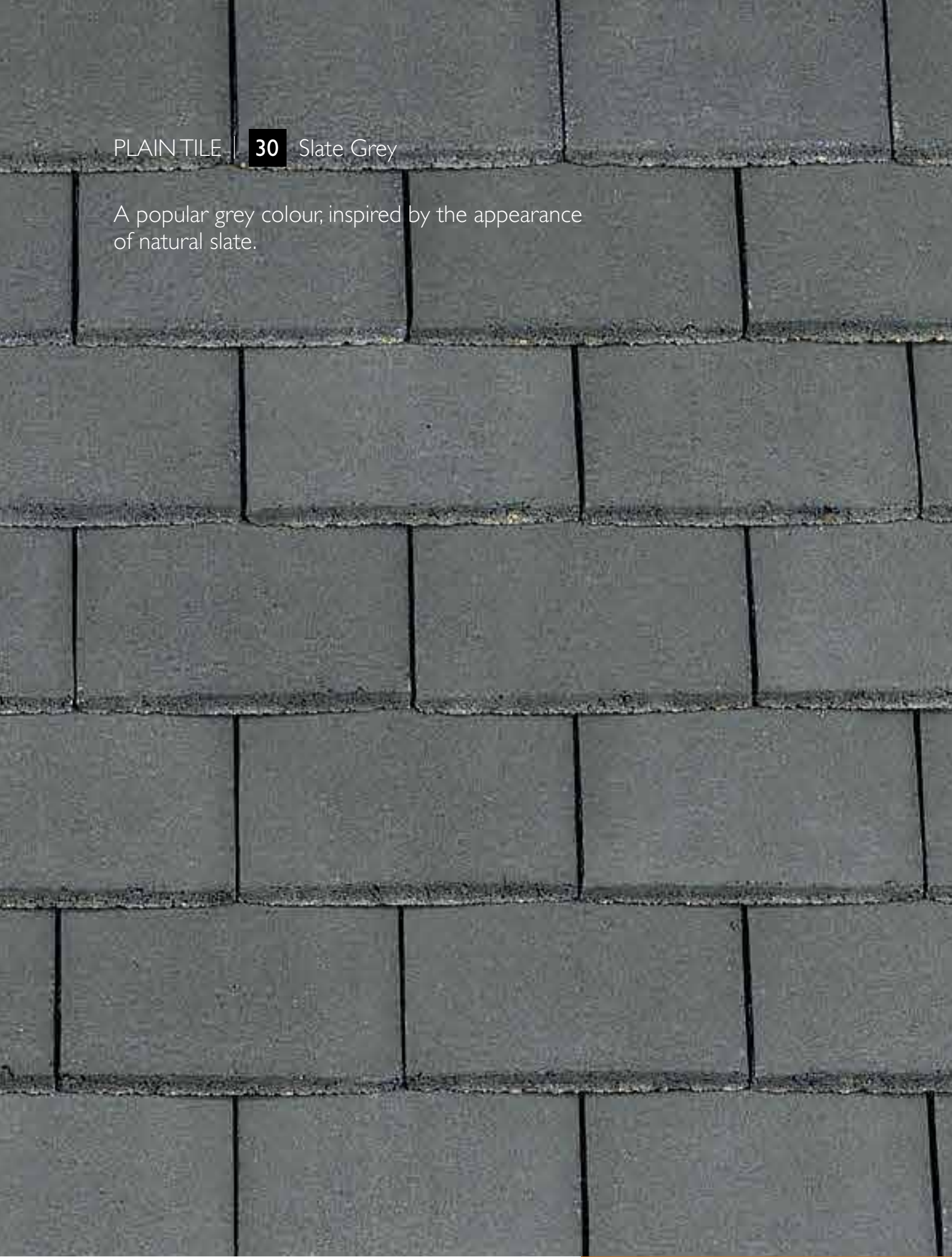
PLAIN TILE | **18** Hedgerow Brown (Granular)

A domestic brown shade with a granulated surface finish for texture.



PLAIN TILE | **27** Natural Red (Sanded)

Through-coloured with a fine sand partial coating to emulate the colour of natural aged clay roof tiles.



PLAIN TILE | **30** Slate Grey

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




PLAIN TILE | **34** Terracotta

The traditional fired-clay red of terracotta tiles.



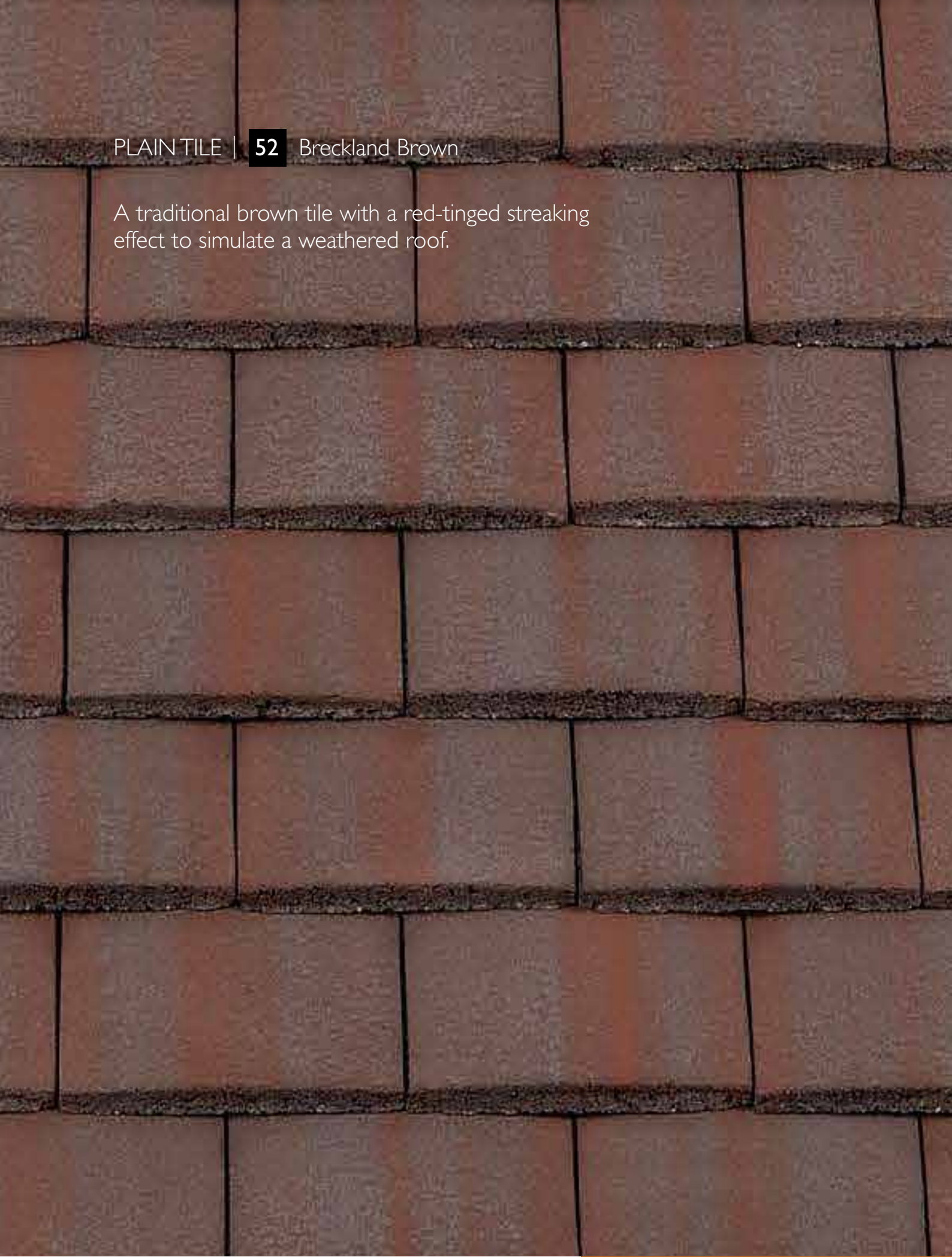
PLAIN TILE | **36** Tudor Brown

A traditional period brown.



PLAIN TILE | **39** Farmhouse Red

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



PLAIN TILE | **52** Breckland Brown

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

PLAIN TILE | **53** Breckland Black

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

PLAIN TILE | **63** Black (Coated)

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



PLAIN TILE | 77 Charcoal Grey (Coated)

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



PLAIN TILE | 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.



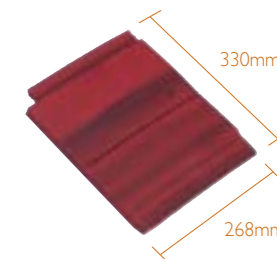
DuoPlain combines the classic proportions and good looks of traditional plain tiles with all the time and cost-saving benefits of a modern, large-format, interlocking tile.

DuoPlain, Tuscan Red, Reroofing, Ford Estate, Sunderland



DUOPLAIN

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



KEY ADVANTAGES

- Two 'plain tile' segments give the appearance of a smaller format tile
- Quick and cost-effective to lay
- Seven colour variations to match regional styles and materials

TECHNICAL DATA

Size (overall)	268 x 330mm
Minimum Pitch and Headlap	25°
<small>(The minimum pitch is based on a maximum rafter length of 10 metres. For rafter lengths greater than this, please contact the Technical Solutions Hotline on 03708 702595)</small>	
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	80mm
Maximum Headlap	95mm
Minimum Gauge/Batten Spacing	173mm
Maximum Gauge/Batten Spacing	188mm
Hanging Length (approx.)	245mm
Cover (all figures are net and do not allow for wastage)	
Linear cover of 1 tile	300mm
Covering capacity	17.7 tiles/m ²
Weight (at max. gauge approx.)*	55kg/m ²
per pallet, including pallet (approx.)	0.91 tonnes
per 1000	3.10 tonnes
Battens Required (at max. gauge)	5.26m/m ²
Batten Size	
Rafter centres up to 450mm	38 x 25mm
Rafter centres up to 600mm	50 x 25mm
Nail Size for Tiles #	45 x 3mm (A/A) or 45 x 3.35mm (S/S)
<small>(Depending on fixing specification)</small>	
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

COLOURS



FITTINGS & ACCESSORIES

Verge	Ambi-Dry Verge
Hip	Third Round Hip Baby Ridge 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 EavesVent Top Edge Abutment Ventilation DryVent Ridge DryVent Monoridge Rapid Vented Ridge Uni-Vent Rapid Ridge/Hip RedLine Ventilation Tile

ORNAMENTAL RIDGES AND FINIALS

Please refer to page 63.





DUOPLAIN | 11 Tuscan Red (Coated)

Bright and pleasing orange-red tone, set off by a subtle sheen.

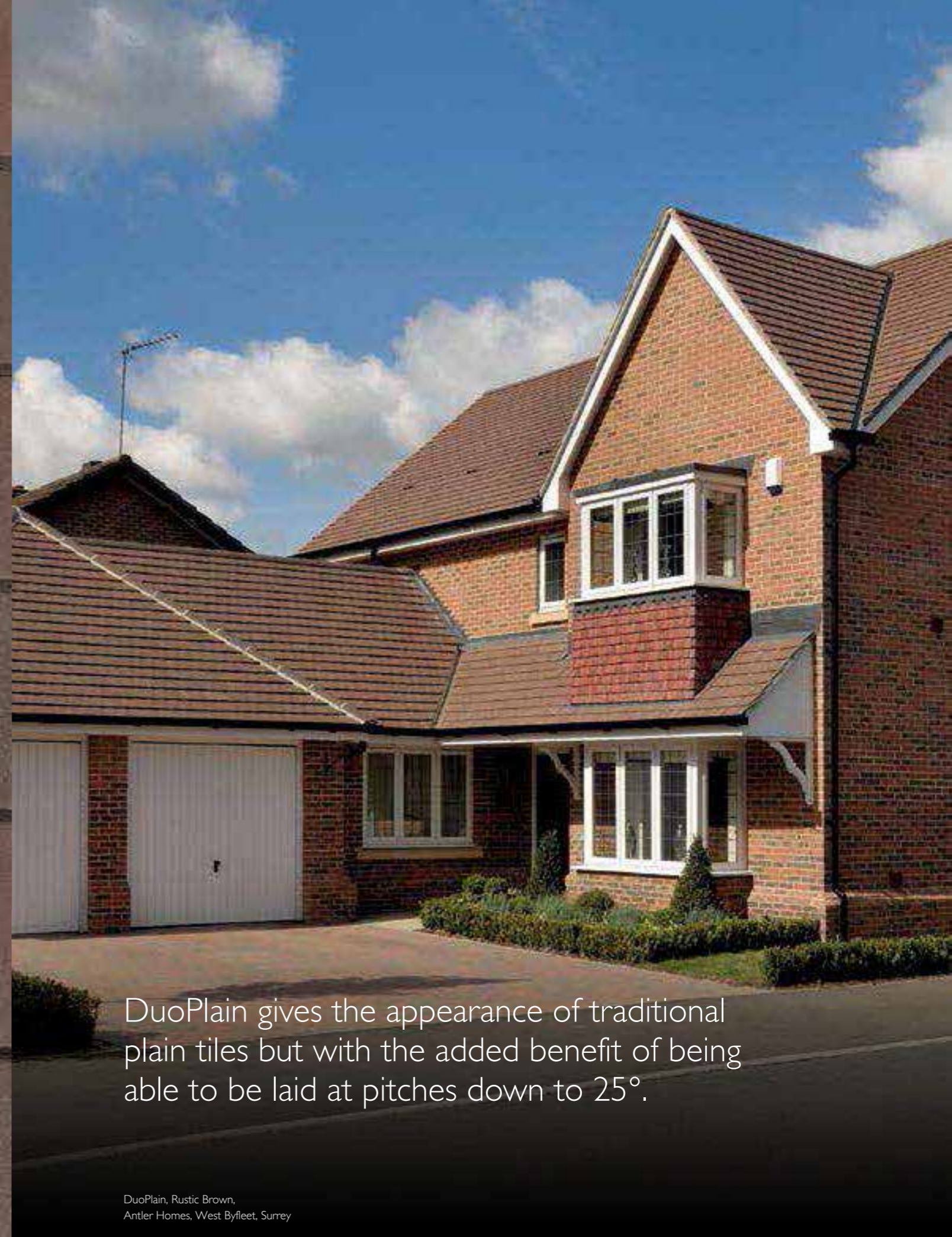


DUOPLAIN | 38 Flame Red (Coated)

A full-bodied red tile set off by a subtle sheen, with a dark colour effect to imitate the attractive aging of a rain-streaked roof.

DUOPLAIN | 40 Rustic Brown (Coated)

A homely brown tile, with a particular colour effect to feign a pleasantly aged roof, and set off by a subtle sheen.



DuoPlain gives the appearance of traditional plain tiles but with the added benefit of being able to be laid at pitches down to 25°.

DuoPlain, Rustic Brown,
Antler Homes, West Byfleet, Surrey



DUOPLAIN | 45 Rustic Black (Coated)

The appearance of a dark slate, with a particular colour effect to feign a pleasantly aged roof, and set off by a subtle sheen.



DUOPLAIN | 64 Blue (Coated)

An intense dark blue-grey in a burnished finish.



DUOPLAIN | 77 Charcoal Grey (Coated)

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



DUOPLAIN | 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.

With lower costs and shorter completion times, Fontenelle offers all the benefits of a clay plain tile roof at an affordable price.

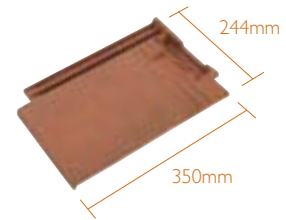


Fontenelle Interlocking Clay Plain Tile, Brindle, Oakdale Homes, Retford, Nottinghamshire



FONTENELLE INTERLOCKING CLAY PLAIN TILE

A clay tile that offers a plain tile appearance, but with the benefits of reduced labour and material costs.



KEY ADVANTAGES

- Tested down to a minimum pitch of 20° and, in certain circumstances, 15°
- Makes a clay plain tile roof more affordable requiring only 19.6 tiles/m²
- Reduces labour and material costs and cuts completion times

TECHNICAL DATA

Size (overall)	350 x 244mm
Minimum Pitch and Headlap	20°
<small>(The minimum pitch is 15° in certain circumstances. The minimum pitch is based on a maximum rafter length of 10 metres. For rafter lengths greater than this, please contact the Technical Solutions Hotline on 03708 702595)</small>	
Maximum Pitch (subject to fixing specification)	90°
Minimum Headlap	95mm
Maximum Headlap	115mm
Minimum Gauge/Batten Spacing	235mm
Maximum Gauge/Batten Spacing	255mm
Hanging Length (approx.)	321mm
Cover (all figures are net and do not allow for wastage)	
Linear cover of 1 tile	200mm
Covering capacity	19.6 tiles/m ²
Weight (at max. gauge approx.)*	
per pallet, including pallet (approx.)	1.13 tonnes
per 1000	2.65 tonnes
Battens Required (at max. gauge)	3.92m/m ²
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)
<small>(Depending on fixing specification)</small>	
Pallet Quantities	Tiles per pallet 420 / Tiles per pack 60 / Packs per pallet 7

*All weights nominal # (S/S) Stainless Steel Ring Shank

FITTINGS & ACCESSORIES

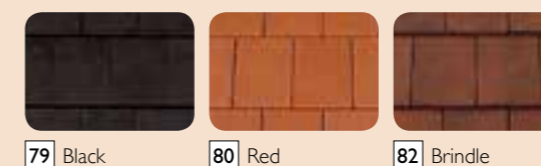
Hip	Third Round Hip
Valley	125 GRP Valley Dry Valley
Ridge	Half Round Ridge Half Round Monoridge
Ventilation Systems	RedVent EavesVent RedVent 25 Over-Fascia Vent Rapid EavesVent Top Edge Abutment Ventilation DryVent Ridge DryVent Monoridge Uni-Vent Rapid Ridge/Hip 4.5k ThruVent Tile

ORNAMENTAL RIDGES AND FINIALS

Please refer to page 63.



COLOURS





FONTENELLE | **79** Black

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



FONTENELLE | **80** Red

A terracotta red.

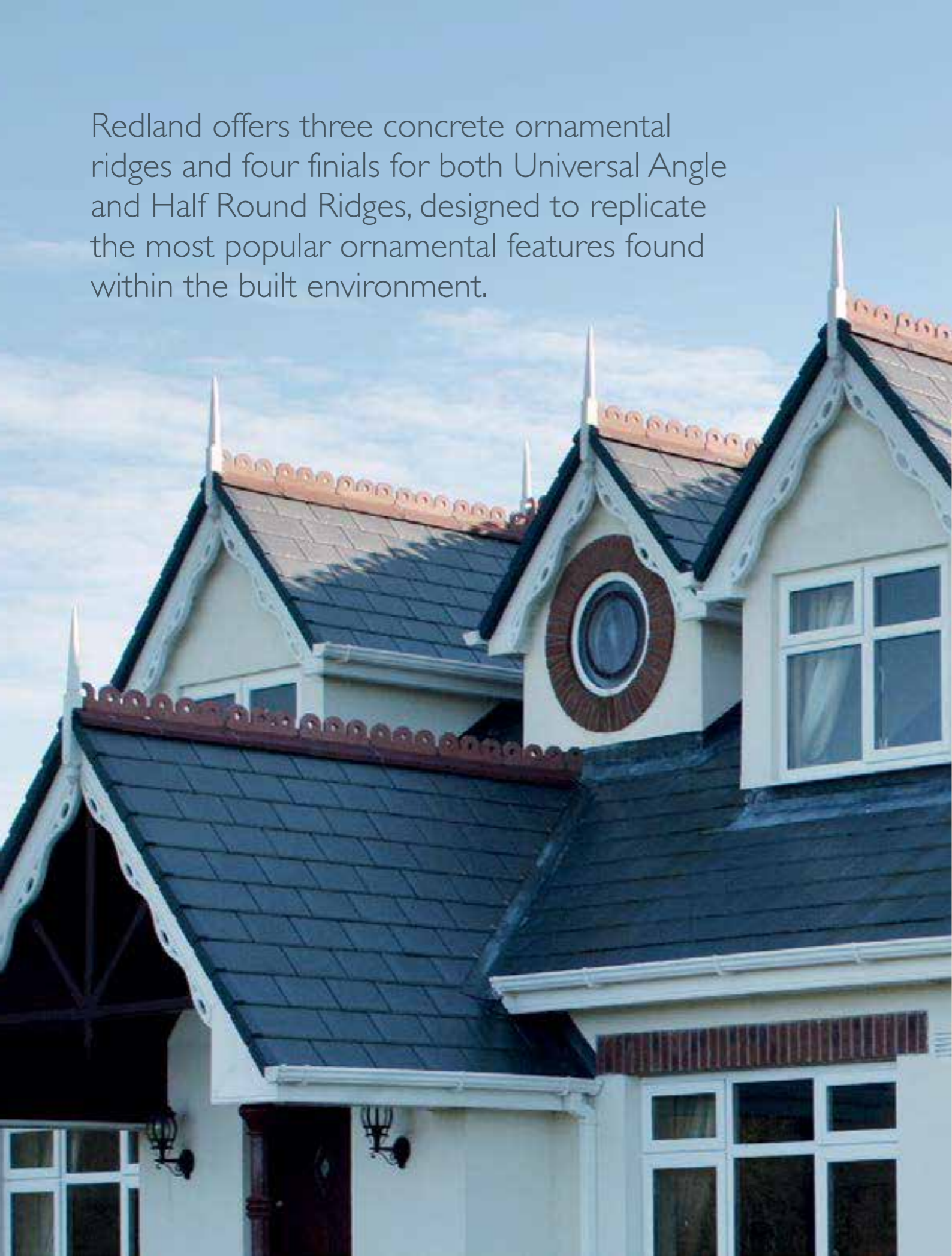
FONTENELLE | **82** Brindle

A rich terracotta colour with a subtle brindling effect.

Fully wind tunnel tested for use down to a minimum pitch of 15°.

Fontenelle Interlocking Clay Plain Tile, Brindle,
Private House

Redland offers three concrete ornamental ridges and four finials for both Universal Angle and Half Round Ridges, designed to replicate the most popular ornamental features found within the built environment.



ORNAMENTAL TILES, RIDGES AND FINIALS

With decorative effects being incorporated more frequently into roof designs, we offer the Bullnose ornamental tile in all our clay and concrete plain tile colours.

KEY ADVANTAGES

- Ornamental Ridges and Finials are fully compatible with all our ridge fixing systems
- Club Tiles have a guaranteed performance in all weather conditions down to 40° pitch

ORNAMENTAL RIDGES	Product Codes	Overall Size (L x W x H mm)	Height of Crest (mm)	Weight (kg)	ORNAMENTAL TILES
 Cockscomb Ridge Half Round Ridge Half Round Ridge Block-End	7458	450 x 256 x 198	100	7.6	 Rosemary Clay Craftsman 6521
	7540	450 x 256 x 315	100	8.8	
 Three Hole Crested Ridge Half Round Ridge Half Round Ridge Block-End	7455	450 x 256 x 248	150	8.4	 Rosemary Clay Classic 6521
	7560	450 x 256 x 370	150	9.6	
 Fleur-de-Lys Ridge Half Round Ridge Half Round Ridge Block-End	7457	450 x 256 x 248	150	8.0	 Heathland 6671
	7570	450 x 256 x 370	150	9.2	
FINIALS	Product Codes	Overall Size (L x W x H mm)	Height of Finial (mm)	Weight (kg)	
 Scroll Half Round Ridge Half Round Ridge Block-End	7527	300 x 256 x 298	200	8.1	 Concrete Plain Tile 6251
	7528	300 x 256 x 415	200	11.6	
 Short Ball Top Half Round Ridge Half Round Ridge Block-End	7481	300 x 256 x 368	270	7.0	
	7843	300 x 256 x 485	270	10.5	
 Tall Ball Top Half Round Ridge Half Round Ridge Block-End	7482	300 x 256 x 468	370	7.4	
	7484	300 x 256 x 585	370	10.9	
 Fleur-de-Lys Half Round Ridge Half Round Ridge Block-End	7489	300 x 256 x 518	420	7.4	
	7490	300 x 256 x 635	420	10.9	

Guidance Notes: Fixings – all Ornamental Ridges and Finials should be fixed using 100mm stainless steel woodscrews

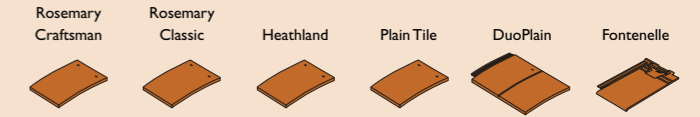
FITTINGS COLOUR RANGE

	02 Brown	03 Antique Red	11 Red	12 Cotswold	18 Hedgerow Brown	20 Manor House Mix	22 Weldon Red	23 Autumn	25 Ember	26 Elizabethan	27 Natural Red	30 Slate Grey	34 Terracotta	35 Rustic Brown	36 Tudor Brown	39 Farmhouse Red	45 Rustic Black	52 Breckland Brown	53 Breckland Black	63 Black	64 Blue	72 Foxwood	77 Charcoal Grey	78 Rustic Red	79 Black	80 Red	81 Light Mixed Brindle	82 Medium Mixed Brindle	82 Brindle	83 Heather Brindle	84 Hawkhurst	85 Albany	87 Blue Brindle	91 Burnt Blend	94 Russet Mix	95 Dark Antique	
Third Round Hip	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Third Round Block-End Hip	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Ridge	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Block-End Ridge	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Ridge Vent Terminal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Gas Flue Ridge Terminal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Cockscomb Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Cockscomb Block-End Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round 3 Hole Crested Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round 3 Hole Crested Block-End Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Fleur-de-Lys Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Fleur-de-Lys Block-End Ridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Scroll Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Block-End Scroll Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Short Ball Top Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Block-End Short Ball Top Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Tall Ball Top Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Block-End Tall Ball Top Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Fleur-de-Lys Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Block-End Fleur-de-Lys Finial	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Half Round Monoridge	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Block-End Monoridge LH	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Half Round Block-End Monoridge RH	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Bonnet Hip	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Arris Hip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Baby Ridge	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Pascal Roll	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Angular Valley Tile	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Club Tile	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
External Angle LH 90°	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
External Angle RH 90°	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Internal Angle LH 90°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Internal Angle RH 90°	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

PRODUCT CODES

Product codes are given with dimensions below in small text. All dimensions are in mm (unless stated) in the order: length, width and height (where applicable).

For fittings colour range availability refer to table on page 64.



TILES		Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
	Standard Tile (shown above)	6921 265 x 165	As per colour 265 x 165	6661 263 x 165	6151 266 x 165	6101 268 x 330	5961 350 x 244
	Rosemary Red	-	6501	c	-	-	-
	Rosemary Russet Mix	-	6701	-	-	-	-
	Rosemary Light, Medium Mixed & Blue Brindle	-	6801	-	-	-	-
Rosemary Burnt Blend//Dark Antique//Heather Brindle	-	6601	-	-	-	-	
	Eaves/Top Tile	6924 215 x 165	As per colour 215 x 165	6664 200 x 165	6154 200 x 165	-	-
	Rosemary Red	-	6504	-	-	-	-
	Rosemary Russet Mix	-	6704	-	-	-	-
	Rosemary Light, Medium Mixed & Blue Brindle	-	6804	-	-	-	-
Rosemary Burnt Blend//Dark Antique//Heather Brindle	-	6604	-	-	-	-	
	Tile-and-a-half	6929 265 x 248	As per colour 265 x 248	6669 263 x 248	6151 266 x 165	-	5962 350 x 344
	Rosemary Red	-	6509	-	-	-	-
	Rosemary Russet Mix	-	6709	-	-	-	-
	Rosemary Light, Medium Mixed & Blue Brindle	-	6809	-	-	-	-
Rosemary Burnt Blend//Dark Antique//Heather Brindle	-	6609	-	-	-	-	
	Half Tile	-	-	-	-	6105 268 x 180	5963 350 x 200
	Left-hand Verge Tile	-	-	-	-	6103 268 x 222	-
	Right-hand Verge Tile	-	-	-	-	6104 268 x 255	-
	Left-hand Verge Tile-and-a-Half	-	-	-	-	-	5964 350 x 300

UNDERLAYS		9202	9202	9202	9202	9202	9202
	Spirtech 400 2S Vapour Permeable Underlay	50m x 1.5m	50m x 1.5m	50m x 1.5m	50m x 1.5m	50m x 1.5m	50m x 1.5m

EAVES SYSTEMS		9189	9189	9189	9189	9189	9189
	RedVent EavesVent System for 350-450mm	9190	9190	9190	9190	9190	9190
	RedVent EavesVent System for 450-600mm	9498	9498	9498	9498	9498	9498
	Extension Tray 350-450mm	9499	9499	9499	9499	9499	9499
	Extension Tray 450-600mm	9988	9988	9988	9988	9988	9988
Rapid Eaves Vent 2-in-1-Tray	9984	9984	9984	9984	9984	9984	
Rapid Eaves Vent Rafter Roll	9984	9984	9984	9984	9984	9984	
	RedVent 25 Over-Fasia Vent	9593	9593	9593	9593	9593	9593
	Underlay Support Tray	9076	9076	9076	9076	9076	9076

VERGE SYSTEMS		-	-	-	-	9660	-
	Ambi-Dry Verge System	-	-	-	-	9660	-
	Ambi-Dry Eaves/Ridge System	-	-	-	-	9680	-

HIP SYSTEMS		9047	9047	9047	9047	9534	-
	Dry Hip System	9047	9047	9047	9047	9534	-
	Rapid Hip System	9524	9524	9524	9524	9562	-
	Rapid Hip Support Tray	9069	9069	9069	9069	9069	9069
	Uni-Vent Rapid Ridge/Hip System	9313	9313	9313	9313	9313	9313
Third Round Hip/Ridge Junction	9521	9521	9521	9521	9521	9521	

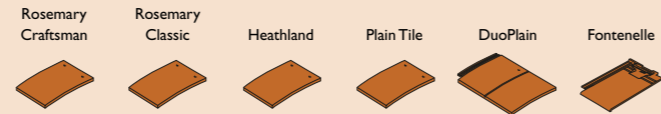
	Bonnets	35° - 50°	8430	8430	7671	8125	-	-
	Arris Hips	35°	-	8411	-	-	-	-
		40°	-	8412	-	-	-	-
		45°	-	8413	-	-	-	-
		50°	-	8414	-	-	-	-

	Third Round Hips (without/with nail holes)	8454/8455 300 x 233 x 70	8454/8455 300 x 233 x 70	7686/7687	8122/7411 450 x 233 x 70	8122/8211 450 x 233
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PRODUCT CODES

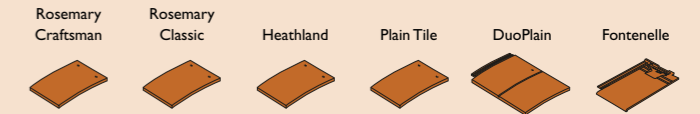
Product codes are given with dimensions below in small text. All dimensions are in mm (unless stated) in the order: length, width and height (where applicable).

For fittings colour range availability refer to table on page 64.



VALLEY SYSTEMS			Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
	Angular Valley Tiles	35° 40° - 50°	8431 8437	8431 8437	- -	- -	- -	- -
	GRP 125 Valley Dry Valley		9595 9574	9595 9574	9595 9574	9595 9574	9595 9575	9595 9575
ABUTMENT SYSTEMS								
	Top Edge Abutment Ventilation System		9548	9548	9548	9548	9548	9548
	Wakaflex Rapid Flashing (5m/10m x 280mm)		9955/9956	9955/9956	9955/9956	9955/9956	9955/9956	9955/9956
	Wakaflex Rapid Flashing (5m x 370mm)		9957	9957	9957	9957	9957	9957
	Wakaflex Rapid Flashing (5m x 180mm)		9960	9960	9960	9960	9960	9960
	Wakaflex Rapid Flashing (5m x 560mm)		9959	9959	9959	9959	9959	9959
	Wakaflex Rapid Flashing (5m x 140mm)		9953	9953	9953	9953	9953	9953
	Wakaflex Rapid Flashing Strip		9998	9998	9998	9998	9998	9998
	Wakaflex Rapid Flashing Sealant		9995	9995	9995	9995	9995	9995
	Wakaflex Rapid Flashing M Glue		9929	9929	9929	9929	9929	9929
	Abutment GRP Secret Gutter Bonding Gutter		- 9578	- 9578	- 9578	- 9578	9596 9580	9596 9580
RIDGE SYSTEMS								
	DryVent Ridge System		9056	9056	9058	9058	9058	9056
	Uni-Vent Rapid Ridge/Hip System Rapid Vented Ridge		- -	- -	9313 9302	9313 9302	9313 9302	- -
	Ridge Vent Terminal	450 x 256 x 180	8486	8486	7678	7253	7402	8486
	Ridge Vent Terminal Adaptor Flexible Pipe (100 to 100)	450 x 256 x 180	9175 9172	9175 9172	9175 9172	9175 9172	9175 9172	9175 9172
	Gas Flue Ridge Terminal		-	-	-	7241	-	-
						450 x 256 x 176		
	Gas Flue Ridge Terminals Extension Adaptor Gas Flue Blanking Plates		- -	- -	- -	9143 9099	- -	- -
	Half Round Ridge	300 x 256 x 128	8450	8450	7670	8101	8201	8450
		300 x 256 x 128	300 x 256 x 128	300 x 256 x 98	450 x 256 x 128	450 x 256 x 128	300 x 256 x 128	
	Half Round Block-End Ridge		-	-	-	7519	7409	-
						450 x 256 x 98	450 x 256 x 98	
	DryVent Monoridge System		-	-	9084	9084	9084	-
	Half Round Monoridge		-	-	7625	7203	7403	-
					450 x 154 x 273	450 x 154 x 273	450 x 154 x 273	
	Block-End Monoridge (left/right-hand)		-	-	-	7266/7267	7406/7407	-

PRODUCT CODES



VENTILATION TILES		Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
	RedLine Plain Tile Vent Unit with Underlay Seal	9119	9119	9119	9119	9113	-
	RedLine Vent Adaptor Flexible Pipe (100 to 100)	9175 9172	9175 9172	9175 9172	9175 9172	- 9172	- -
	4.5k ThruVent Tile with Underlay Seal	-	-	-	7347	-	7840
	ThruVent Flexible Pipe (75 to 100)	-	-	-	9188	-	9188
	Rapid Roof Vent Flexible Pipe	-	-	-	9172	-	-
	Rapid Roof Vent Rapid Roof Vent Adaptor	- -	- -	- -	9128 9175	- -	- -
INTERNAL AND EXTERNAL VERTICAL ANGLES							
	External Angle 90° (left/right-hand)	8441/8440 165 x 83	8441/8440 165 x 83	7673/7674 165 x 83	8134/8135 165 x 83	-	-
	Internal Angle 90° (left/right-hand)	8443/8442 164 x 92	8443/8442 164 x 92	-	-	-	-
FIXING							
	Tile Nail (Alum. Alloy)	9331 40 x 2.65	9331 40 x 2.65	9331 40 x 2.65	9331 40 x 2.65	9334 45 x 3	-
	Tile Nail (Stainless Steel)	-	-	-	-	9350 45 x 3.35	9638 55 x 2.65
	Top Tile Clip Kro-Clip	- 9142	- 9142	9282 9142	9282 9142	- 9142	- 9142
BEDDED HIP AND RIDGE MECHANICAL FIXING							
	Stainless Steel Batten Straps	9447	9447	9447	9447	9447	9447
	Half Round Clamping Plates	9566	9566	9566	9566	9566	9566
	Woodscrew (100 x 4) & Washer	9584	9584	9584	9584	9584	9584
OTHER ACCESSORIES							
	Rapid Roof Putty Rapid Roof Paint	9155 -	9155 -	9155 -	9155 9232	9155 9232	9155 -

PERFORMANCE AND APPEARANCE

Authority

All concrete tiles conform to BS EN 490:2011: 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 RoofTile Association, data supplied for our concrete and clay roof tiles enabled the BRE Green Guide to Specification to award the highest A+ rating for generic concrete and A+ rating for generic clay tiles.

Guarantees

All of our products are designed and tested to work together. So when specified by Redland as part of a HouseBuilder or SpecMaster project not only is every product guaranteed weathertight, 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 project 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 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; Fontenelle 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 5534:2014: Code of practice for slating and tiling, providing our fixing recommendations are complied with.

The information contained in this Guide relating to DuoPlain and Fontenelle is based on a maximum rafter length of 10 metres at the minimum pitch relevant for the product. For rafter lengths greater than this, telephone the Technical Solutions Hotline on 03708 702595 for advice.

The minimum pitch and maximum rafter length may be affected by roof features such as valleys, dormers, roof windows and chimneys. For advice on the inclusion of such features in a roof slope contact the Technical Solutions Hotline.

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 protection and spread of flame to BS 476-3:2004: Fire tests on building materials and structures. 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 1304 or BS EN 490 respectively.

Environmental Effects

Frost: unaffected by frost 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.

Mosses and lichens: tile durability is not affected by the growth of lichens and mosses. However, the removal of growths may be necessary when the flow of rainwater off the roof is impeded and valleys, gutters or downpipes become 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. When cutting tiles using an angle grinder which generates large concentrations of dust, the measures defined in the Health and Safety Executive, Guidance Note EH 40 must be followed.

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.

Efflorescence, which is a surface phenomenon associated with concrete products, may result in a temporary lightening of the surface 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.

Fixing Specification

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

All mortar bedded hips and ridges must be mechanically fixed.

General Guidance

Special Notes on laying Plain Tiles

- At eaves, use double courses with purpose made Eaves/Top Tiles for the undercourse.
- At verges and abutments to maintain broken (1/2) bond, use Standard Plain Tiles and Tile-and-a-Halves in alternate courses.
- Adjacent to hips, valleys and angles use Tile-and-a-Halves.
- At side abutments, allow for stepped flashing and soakers.
- At top courses use double courses with purpose made Eaves/Top Tiles for the top course.
- For Winchester Cuts use two Tile-and-a-Halves per course. Winchester Cut detail must not be used to abut roof pitches below 40° or in exposed locations. In these cases soldier or double soldier courses must be used.
- For Heathland and concrete Plain Tiles secure top course with Top Tile Clips with Rapid Vented Ridge, Uni-Vent Rapid Ridge, mortar bedded ridges and top edge abutments. For Heathland and concrete Plain Tiles with DryVent Ridge secure top course using one Kro-Clip per tile.

Special Notes on laying DuoPlain

- All tiles must be laid broken bond with a three-quarter tile offset, normally from right to left. On gable-to-gable roofs try and lay out the tiles so that the eaves course starts with a Standard Tile and finishes with a LH Verge (three quarter) Tile.
- At right-hand verges use Standard Tiles and RH Verge (three quarter) tiles in alternate courses.
- At left-hand verges use Standard Tiles with interlocks removed and LH Verge (Three Quarter) Tiles in alternate courses. If it is not possible to end the eaves course in this way, cut verge tiles of the required length from Standard Tiles.
- Do not use any cut pieces of tile smaller than a LH Verge (Three Quarter) Tile.
- At hips and valleys ensure raking cut tiles are cut from Standard Tiles, Half Tiles may be required elsewhere in the course, often the penultimate tile in the course, to ensure this occurs.
- At side abutments, allow for cover flashing and secret gutter.

Timber Sarking

Roofing practice in Scotland includes the use of timber sarking and counterbattens. Insulation board is also widely used as rigid sarking 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 counterbatten 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.

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 continually enhancing and improving our product range. We reserve the right to change product specifications. For the latest information please contact our Customer Service Hotline.

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

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