

PLAIN TILE RANGE





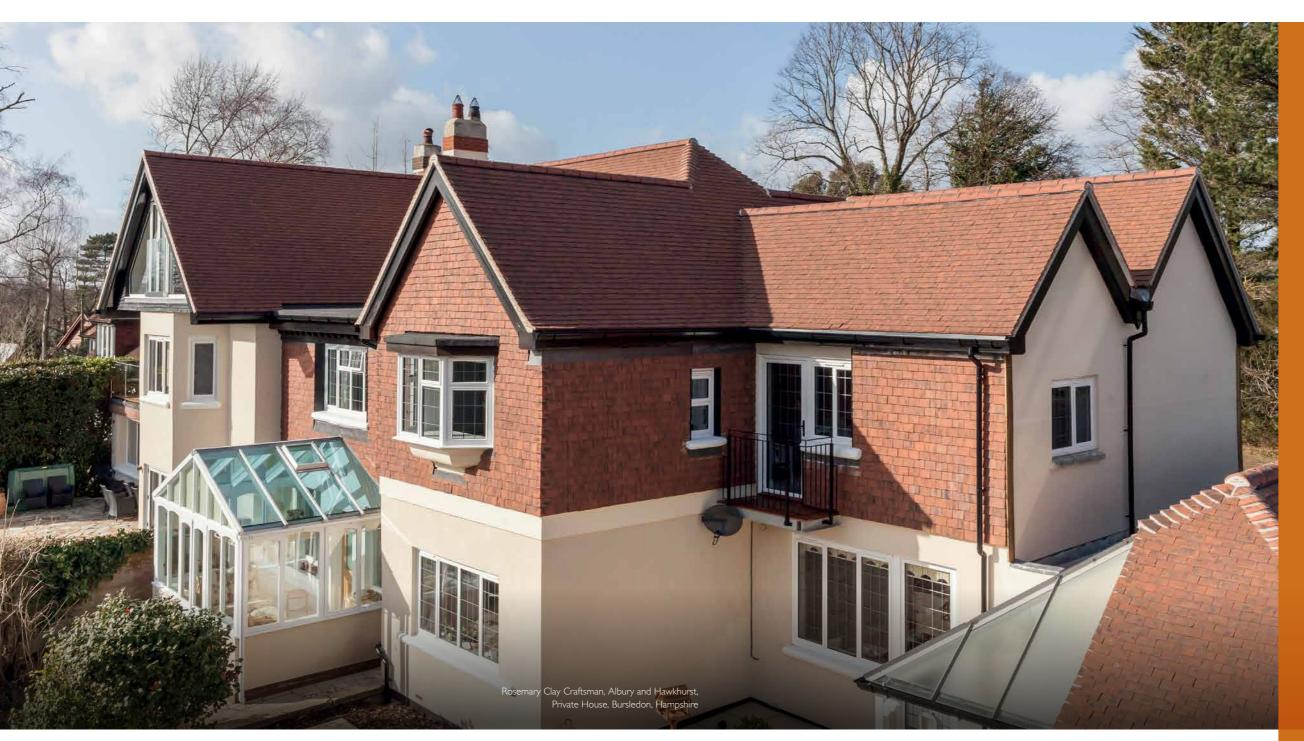
NATURALLY REDLAND

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

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.

Redland is a brand of the worldwide Braas Monier Building Group (BMBG).



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





INDUSTRY SUPPORT AND **TRAINING**

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.



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



(爰)**Quant**Master



(CAD) **Design**Master



ViewMaster

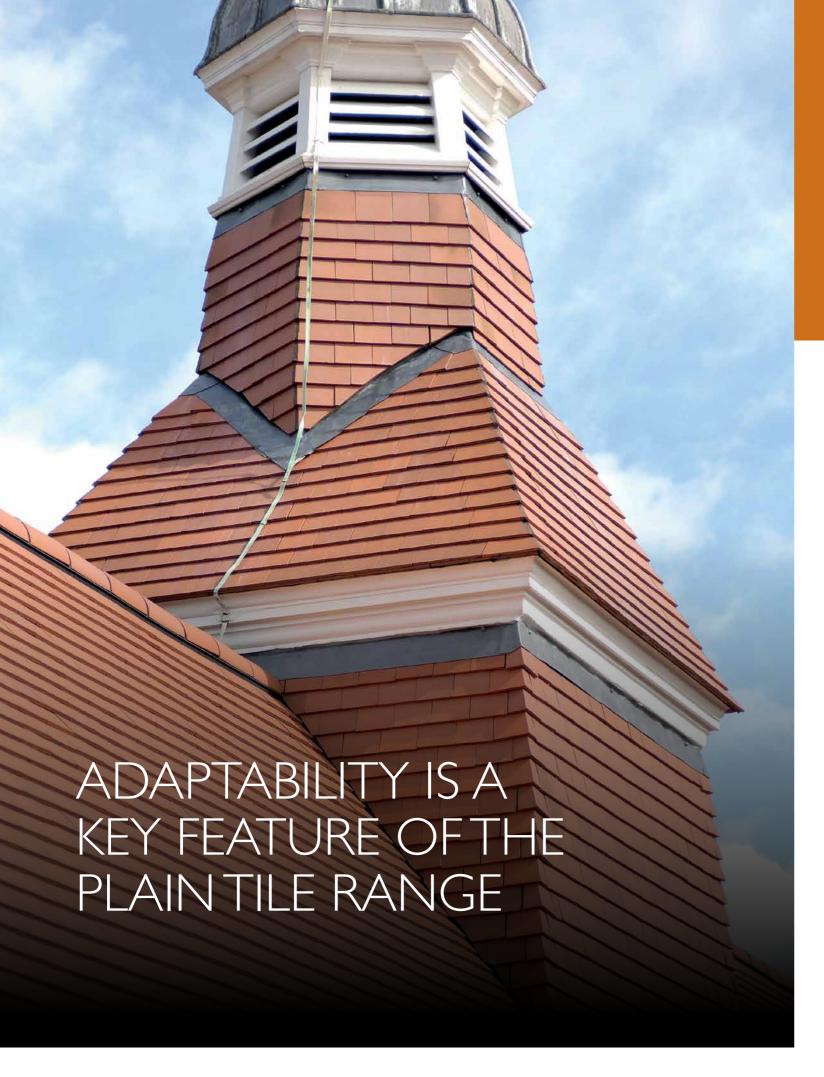


(K) FixMaster



EcoMaster

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



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.

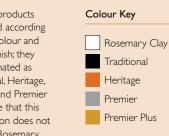






^{* 15°} in certain circumstances

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.



 $^{^{\}mbox{\scriptsize \#}}$ Depends on headlap used. Refer to product pages for all technical information





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.

165mm 265mm

KEY ADVANTAGES

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

TECHNICAL DATA

Size (overall)	265 × 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 wasta	ige)
Linear cover of 1 tile	165mm
Covering capacity	below 90° 60 tiles/m 2 / at 90° 52 tiles/m 2
Weight	below 90° 78kg/m² / at 90° 68kg/m²
per pallet, including pallet (approx.)	0.95 tonnes
per 1000	1.30 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m²
Batten Size	
Rafter centres up to 600mm	38 × 25mm
Nail Size for Tiles*	40 × 2.65mm (A/A)
Pallet Quantities Tiles per pallet	720 / Tiles per pack 12 / Packs per pallet 60

^{*(}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 System

Half Round Ridge

s RedVent EavesVen
RedVent 25 Over-Fascia Ven
Rapid Eaves Ven
Top Edge Abutment Ventilation
DryVent Ridge
Continuous Ridge Systen
Uni-Vent Rapid Ridge/Hip
Redl ine Vent Tile

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 6







COLOURS





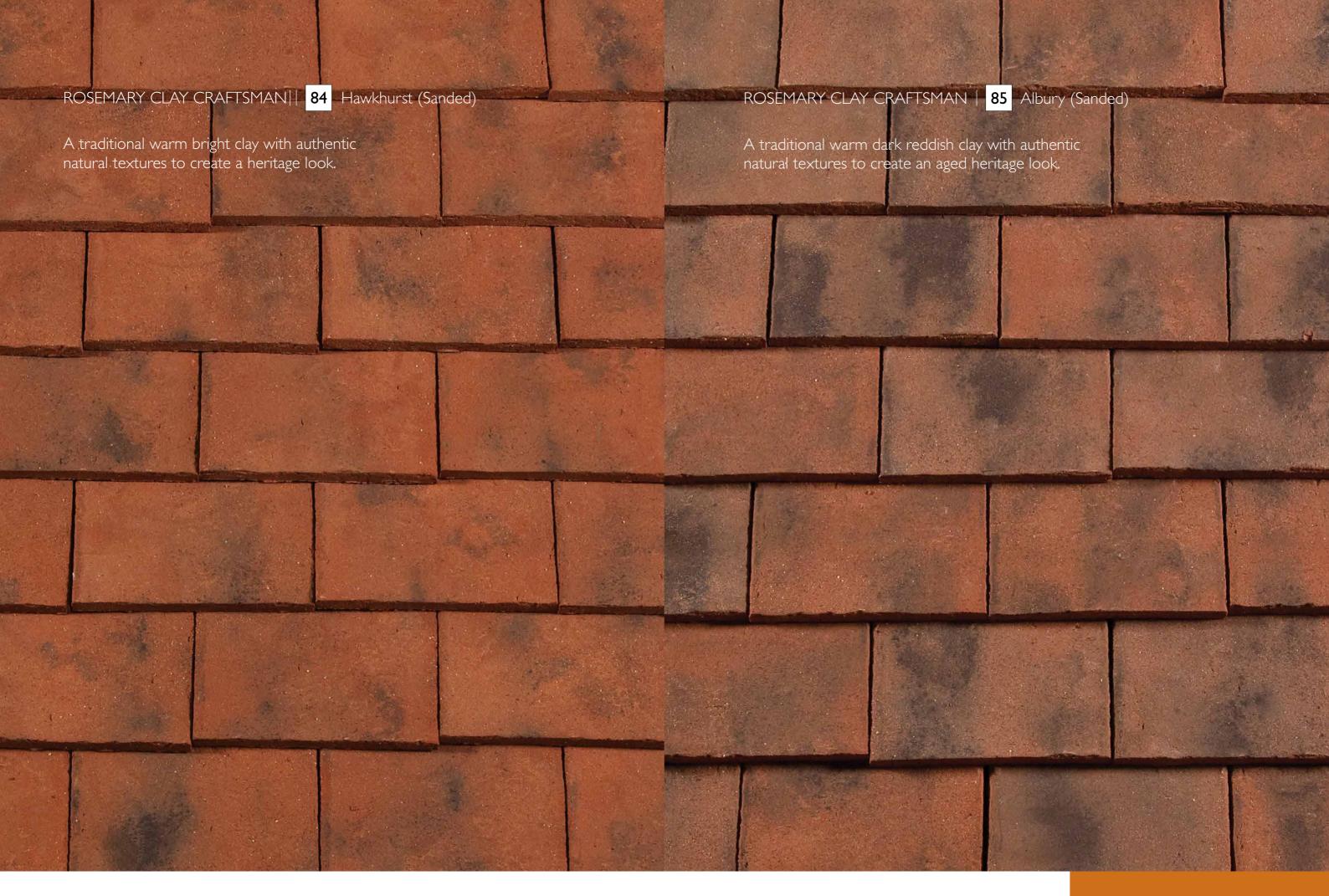


Hawkhurst 85 A

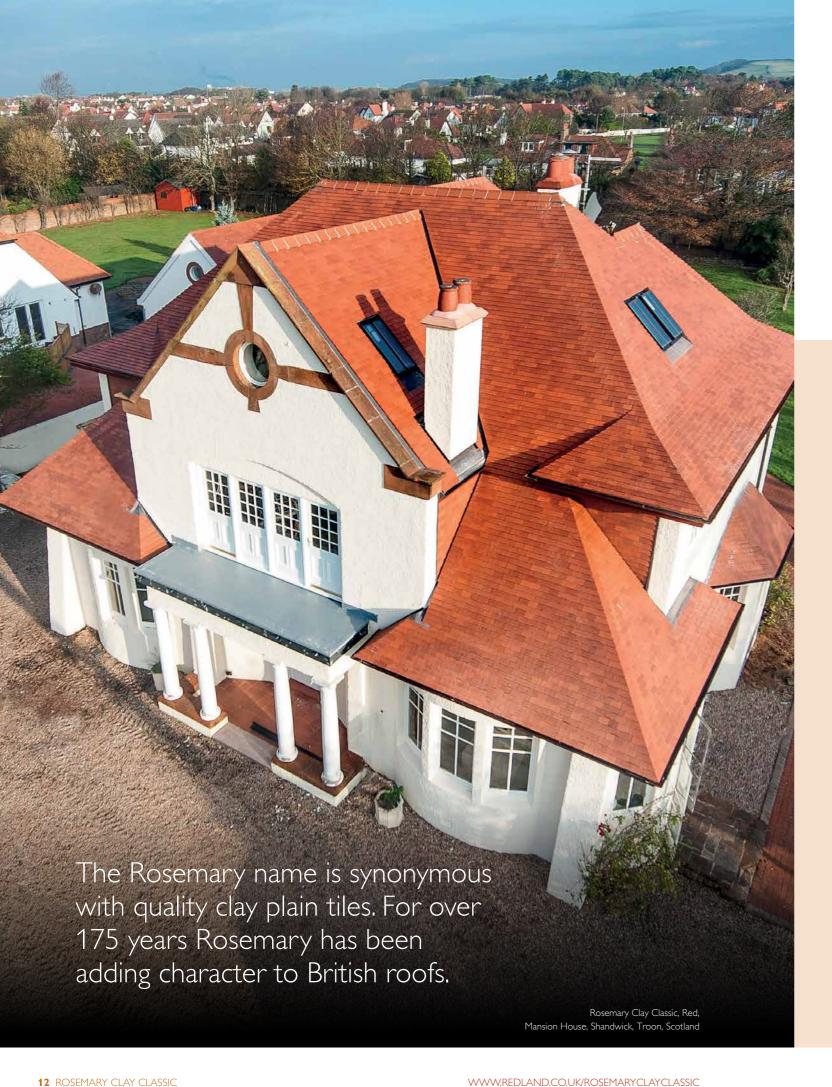
(Sanded)

98 Victorian

6 ROSEMARY CLAY CRAFTSMAN CUSTOMER SERVICE: 03705 601000











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 × 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 wasta Linear cover of 1 tile Covering capacity	ge) 165mm below 90° 60 tiles/m² / at 90° 52 tiles/m²
Weight per pallet, including pallet (approx.) per 1000	below 90° 78kg/m² / at 90° 68kg/m² 1.11 tonnes 1.30 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m²
Batten Size Rafter centres up to 600mm Nail Size for Tiles*	38 × 25mm 40 × 2.65mm (A/A)
	840 / Tiles per pack 14 / Packs per pallet 60

^{* (}A/A) Aluminium Alloy

COLOURS



FITTINGS & ACCESSORIES

Angles	External Angles Internal Angles
Hip	Universal Bonnet Hip Arris Hips Third Round Hip Baby Ridge Dry Hip Rapid Hip
Valley	Valley Tiles 125 GRP Valley Dry Valley
Ridge	Half Round Ridge
and the second	

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Half Round Ridg

RedVent EavesVer

RedVent 25 Over-Fascia Ver

Rapid Eaves Ver

Top Edge Abutment Ventilatio

DryVent Ridg

Continuous Ridge Syster

Uni-Vent Rapid Ridge/H

RedLine Vent Ti

ORNAMENTALTILES, RIDGES AND FINIALS

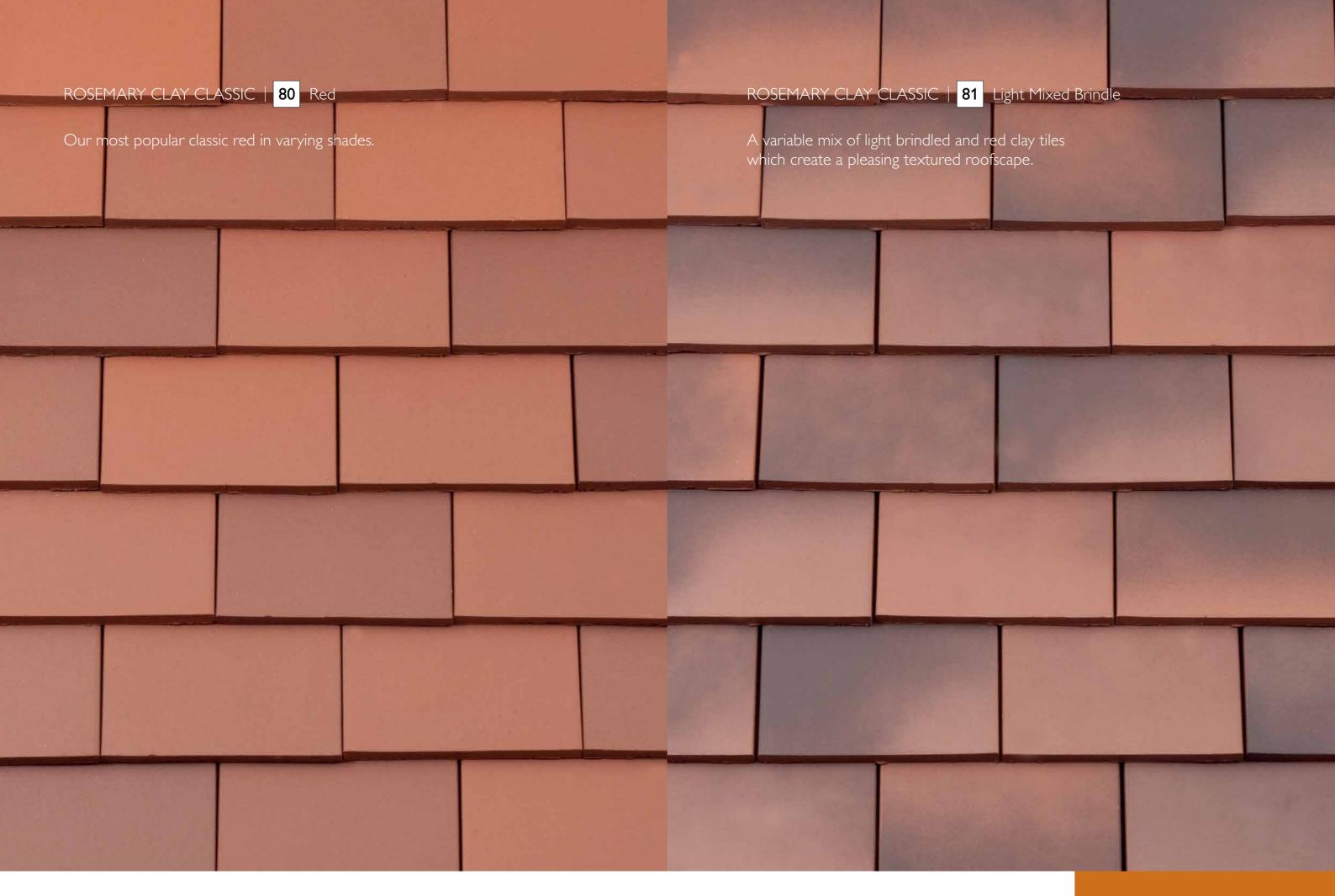
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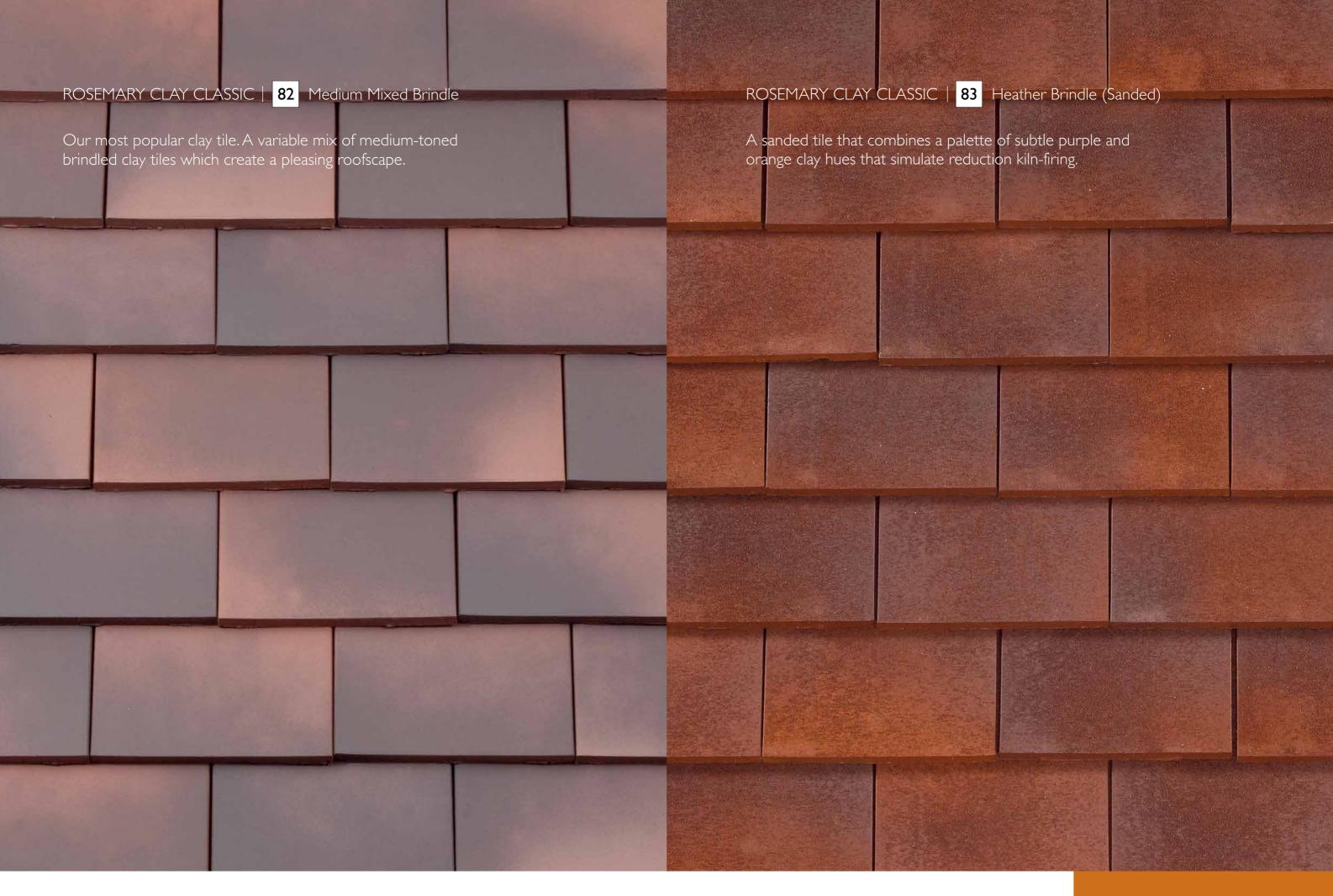


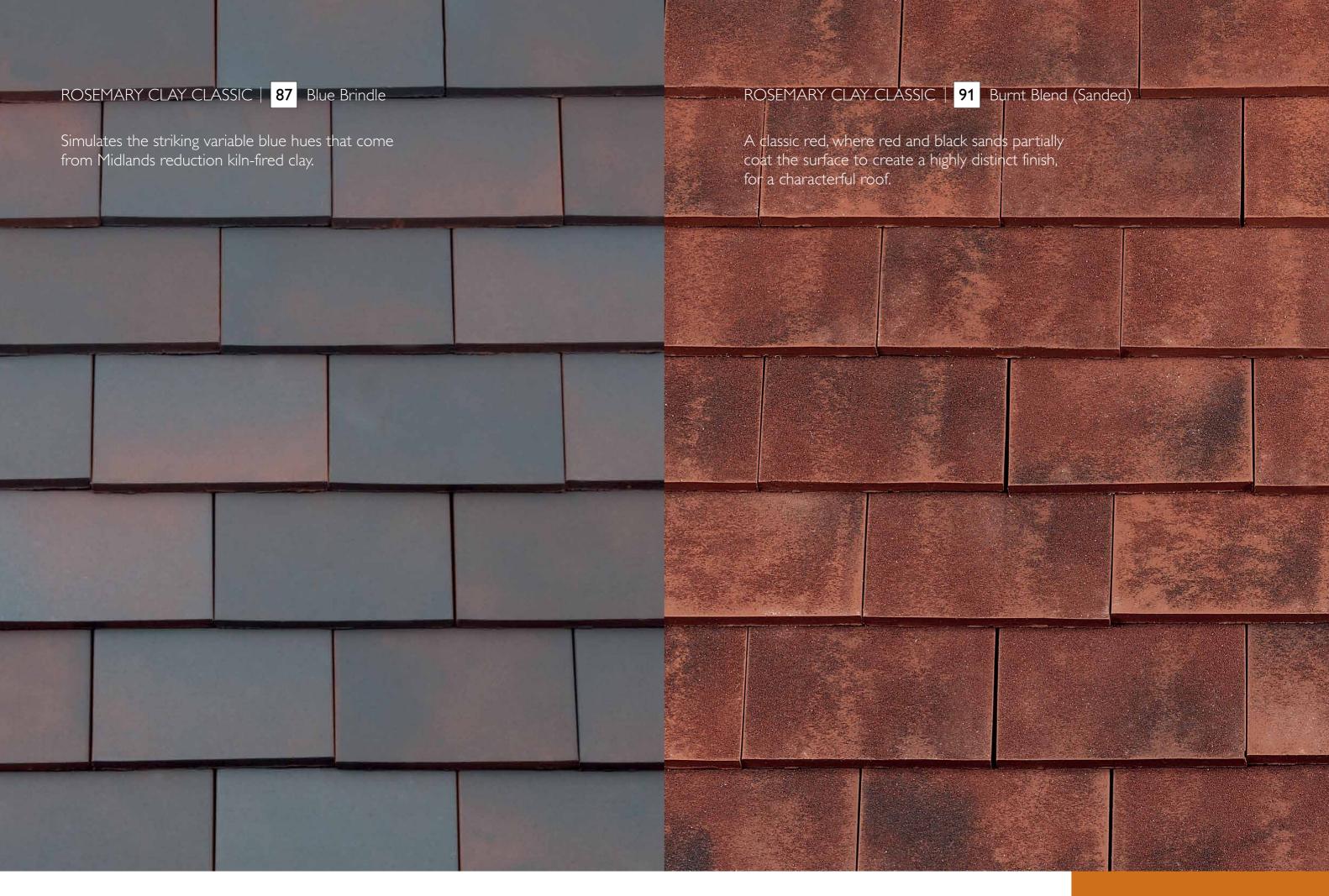


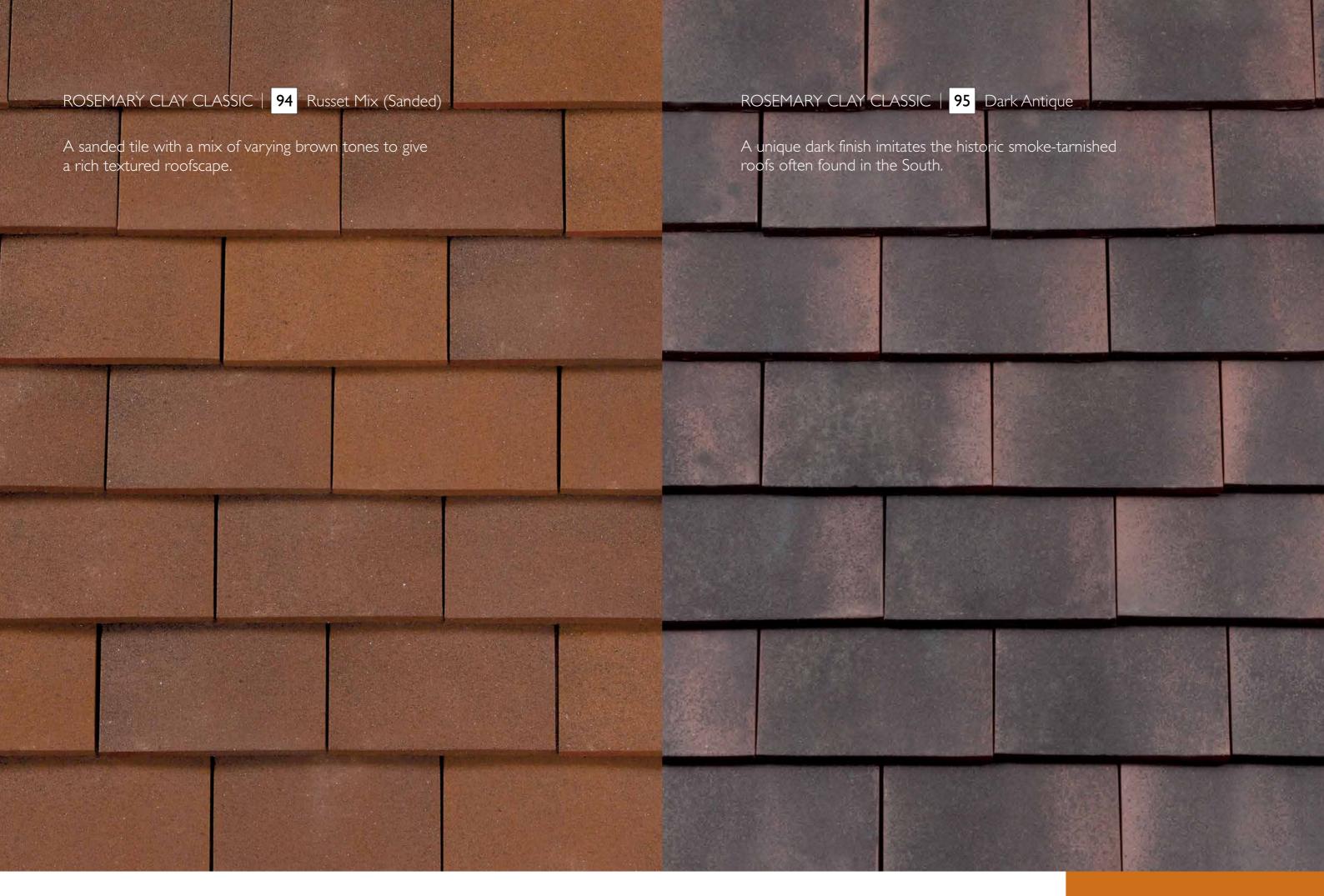


12 ROSEMARY CLAY CLASSIC CUSTOMER SERVICE: 03705 601000 ROSEMARY CLAY CLASSIC 13



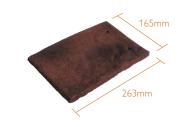












HEATHLAND

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

TECHNICAL DATA

263 x 165mr
35
90
Below 90° 65mm / at 90° 35mr
88mr
88mr
below 90° 100mm / at 90° 115mi
243mı
ge)#
165mr
below 90° 60 tiles/m² / at 90° 52 tiles/n
below 90° 75kg/m² / at 90° 65kg/n
1.01 tonne
1.25 tonne
below 90° 10.0m/n
38 × 25mi
Top Tile Clip
40 × 2.65mm (A/A
768 / Tiles per pack 16 / Packs per pallet 4

^{* (}A/A) Aluminium Allo

COLOURS



KEY ADVANTAGES

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

FITTINGS & ACCESSORIES

Offiamental file	Club Flics
Angles	External Angles
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

ORNAMENTAL TILES, RIDGES AND FINIALS

Please refer to page 63

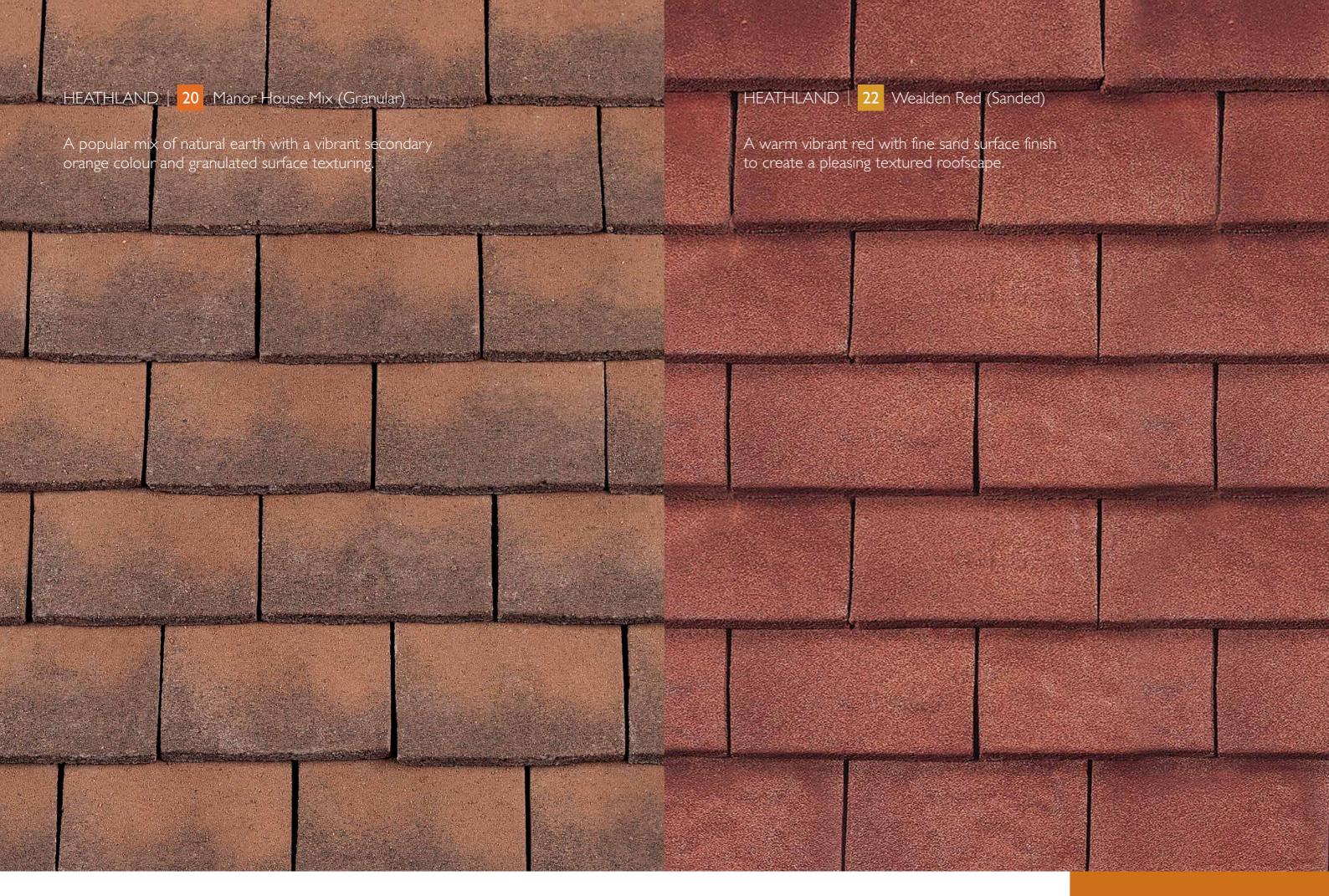


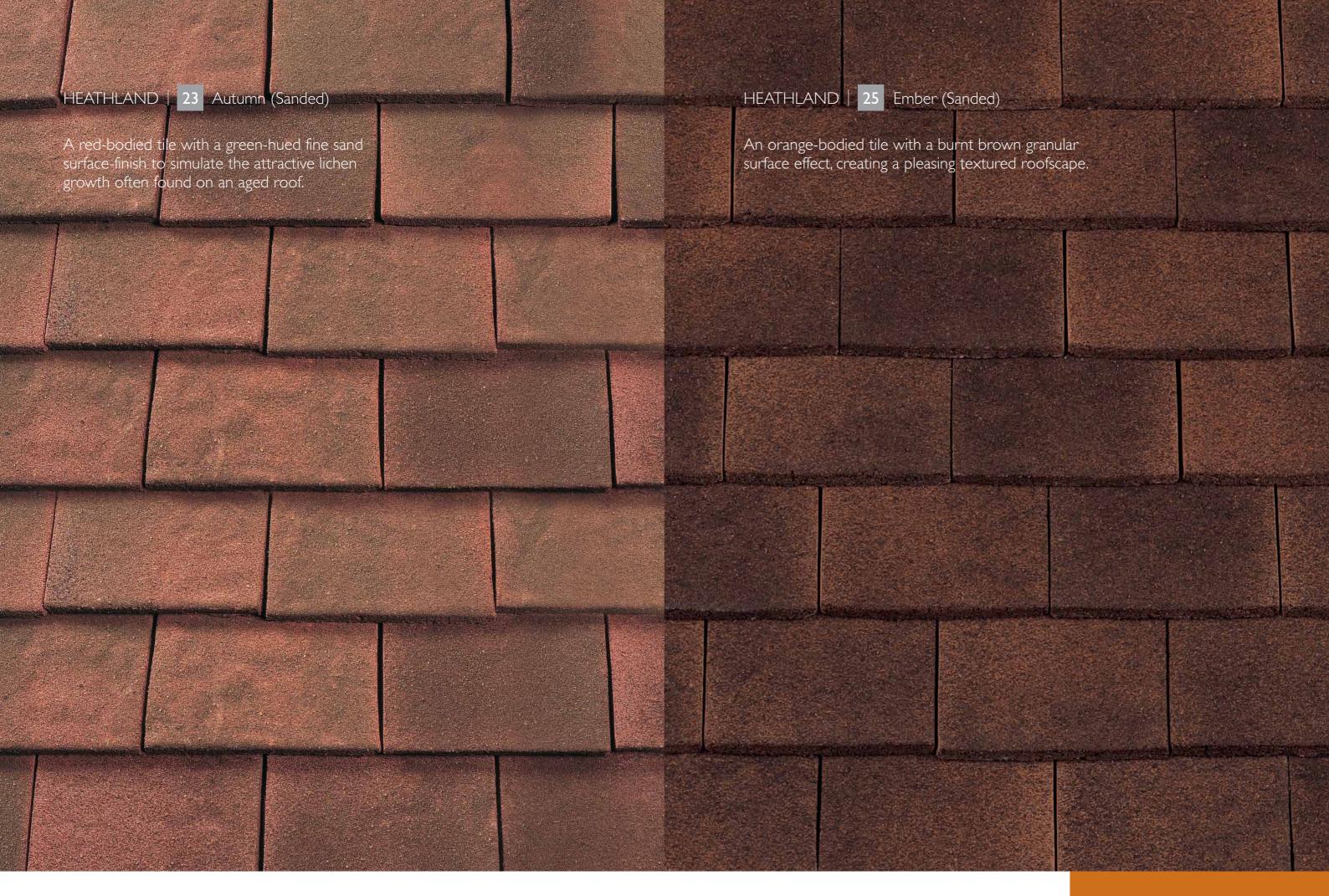


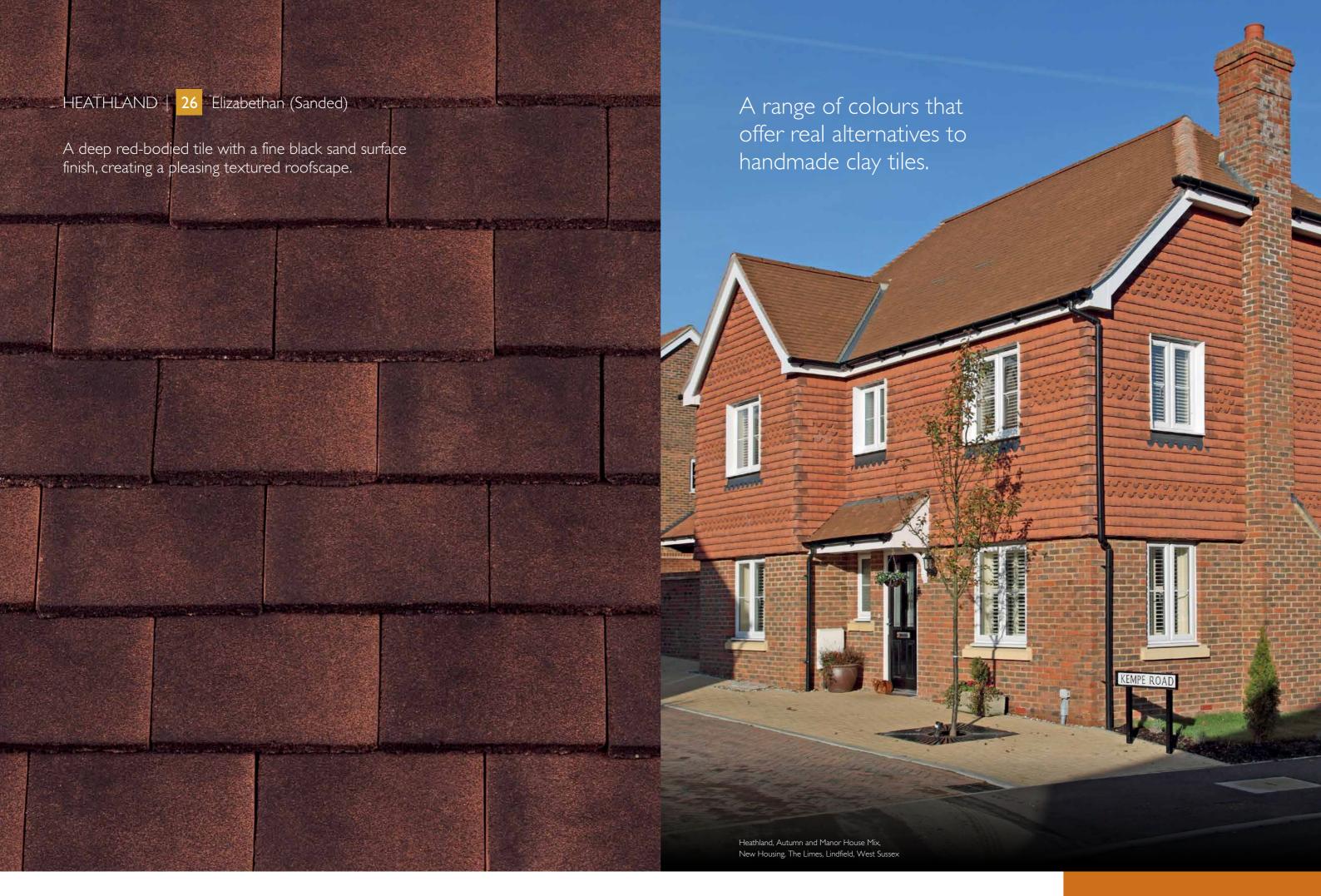


22 HEATHLAND COUK/HEATHLAND CUSTOMER SERVICE: 03705 601000 HEATHLAND 23

[†] 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.

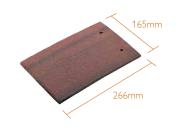












PLAINTILE

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 wastag Linear cover of 1 tile Covering capacity	ge) 165mm below 90° 60 tiles/m² / at 90° 52 tiles/m²
Weight per pallet, including pallet (approx.) per 1000	below 90° 75kg/m² / at 90° 65kg/m² 1.01 tonnes 1.25 tonnes
Battens Required (at max. gauge)	below 90° 10.0m/m²
Batten Size Rafter centres up to 600mm	38 × 25mm
Fixing Clips	Top Tile Clips
Nail Size for Tiles*	40 × 2.65mm (A/A)
Pallet Quantities Tiles per pallet	768 / Tiles per pack 16 / Packs per pallet 48
* (A (A) Ali-i All	

 $^{^{\}circ}$ (A/A) Aluminium Alloy

FITTINGS & ACCESSORIES

Ornamental Tile	Club Tiles
Angles	External Angles
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 Eaves Vent Top Edge Abutment Ventilation DryVent Ridge DryVent Monoridge Continuous Ridge System Uni-Vent Rapid Ridge/Hip RedLine Vent Tile Rapid Roof Vent 4.5k ThruVent Tile

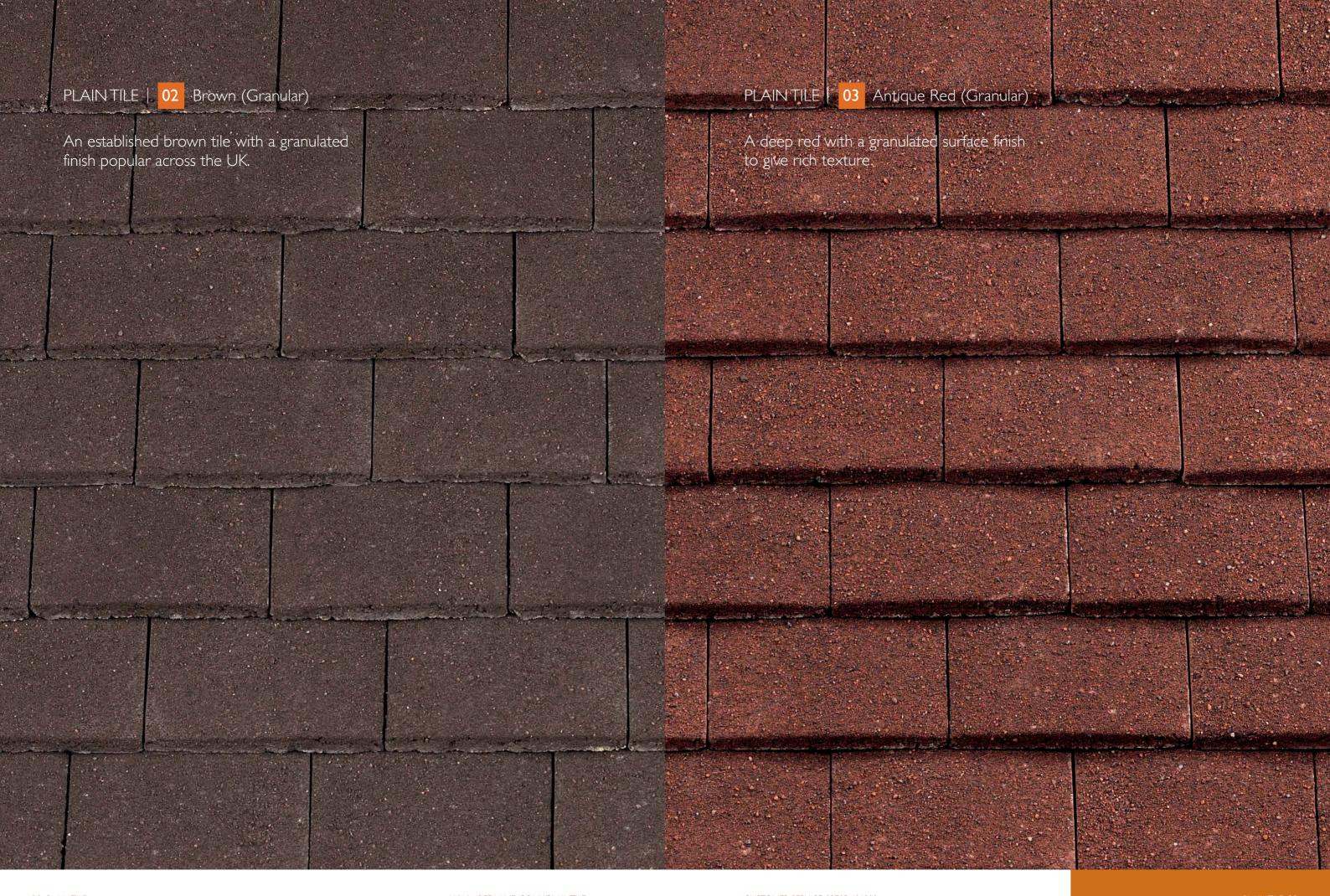
ORNAMENTALTILES, RIDGES AND FINIALS

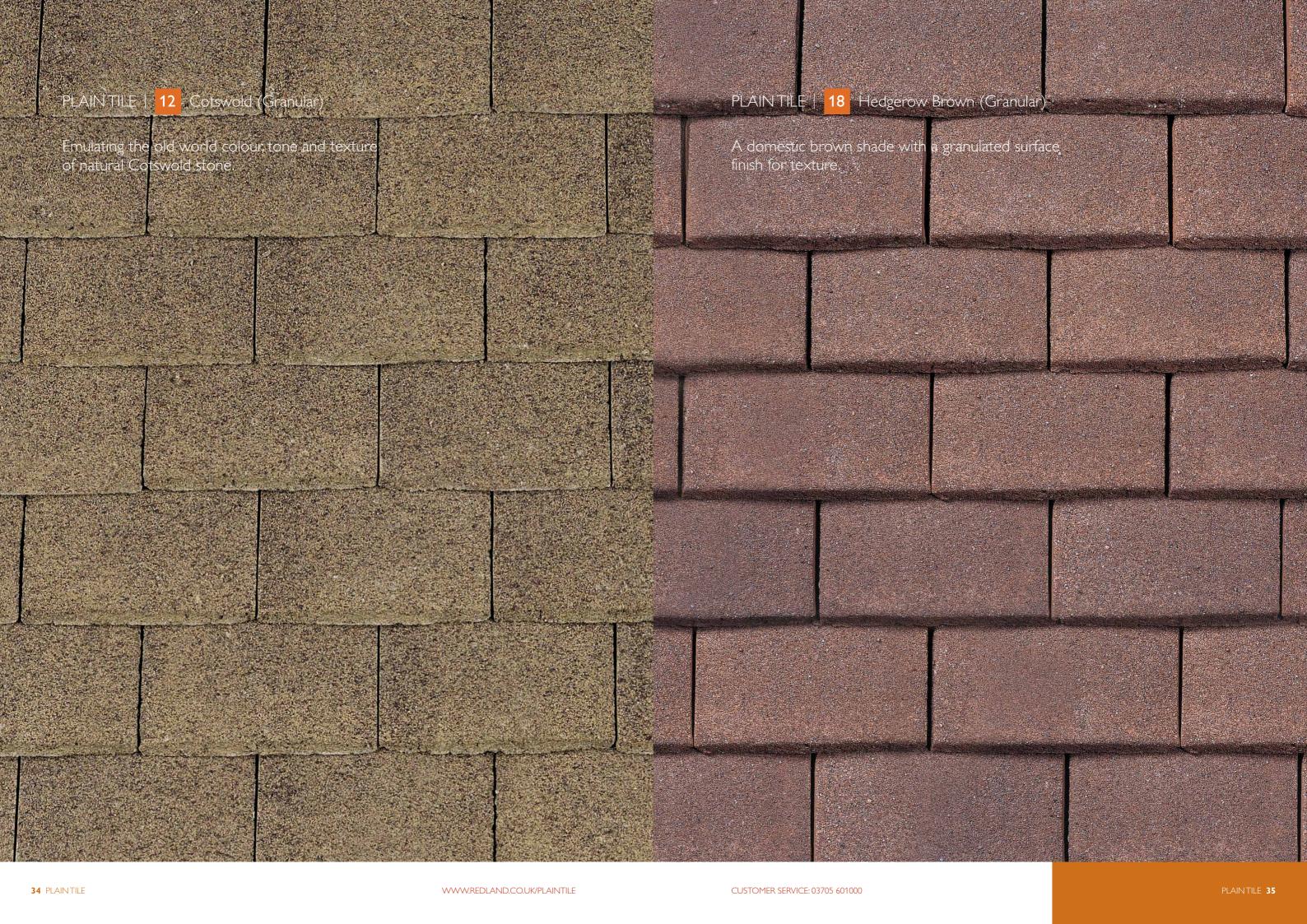
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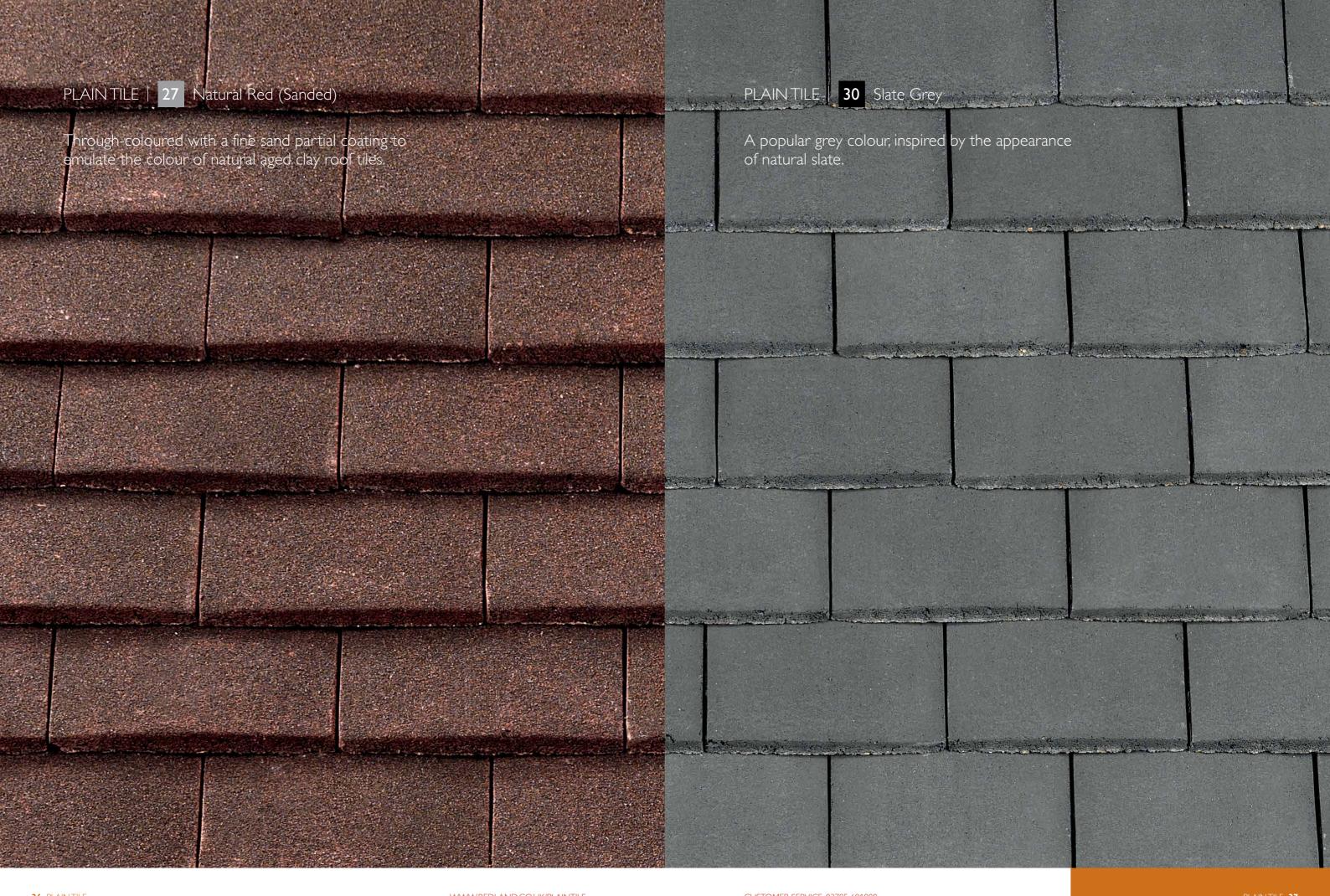
COLOURS

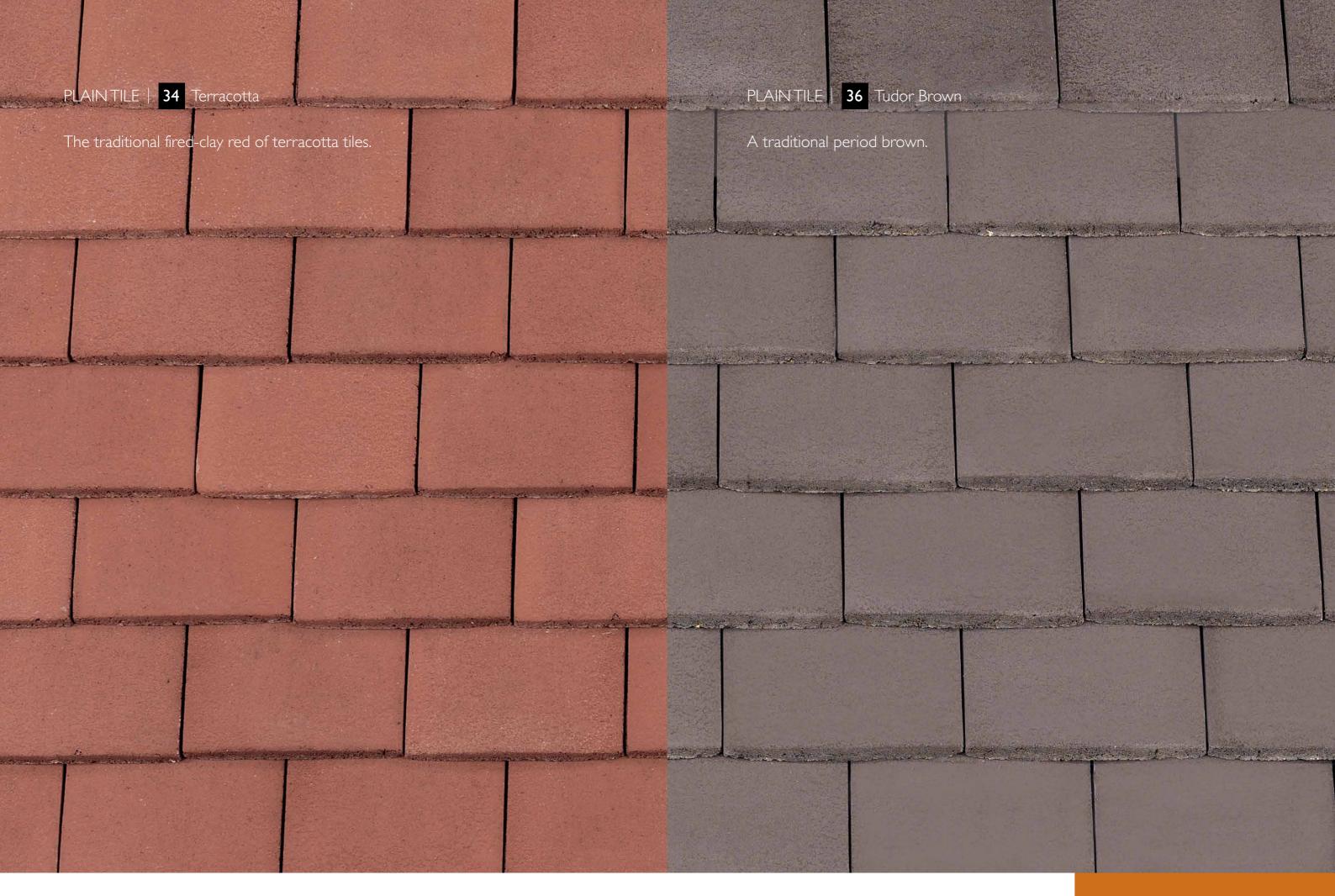


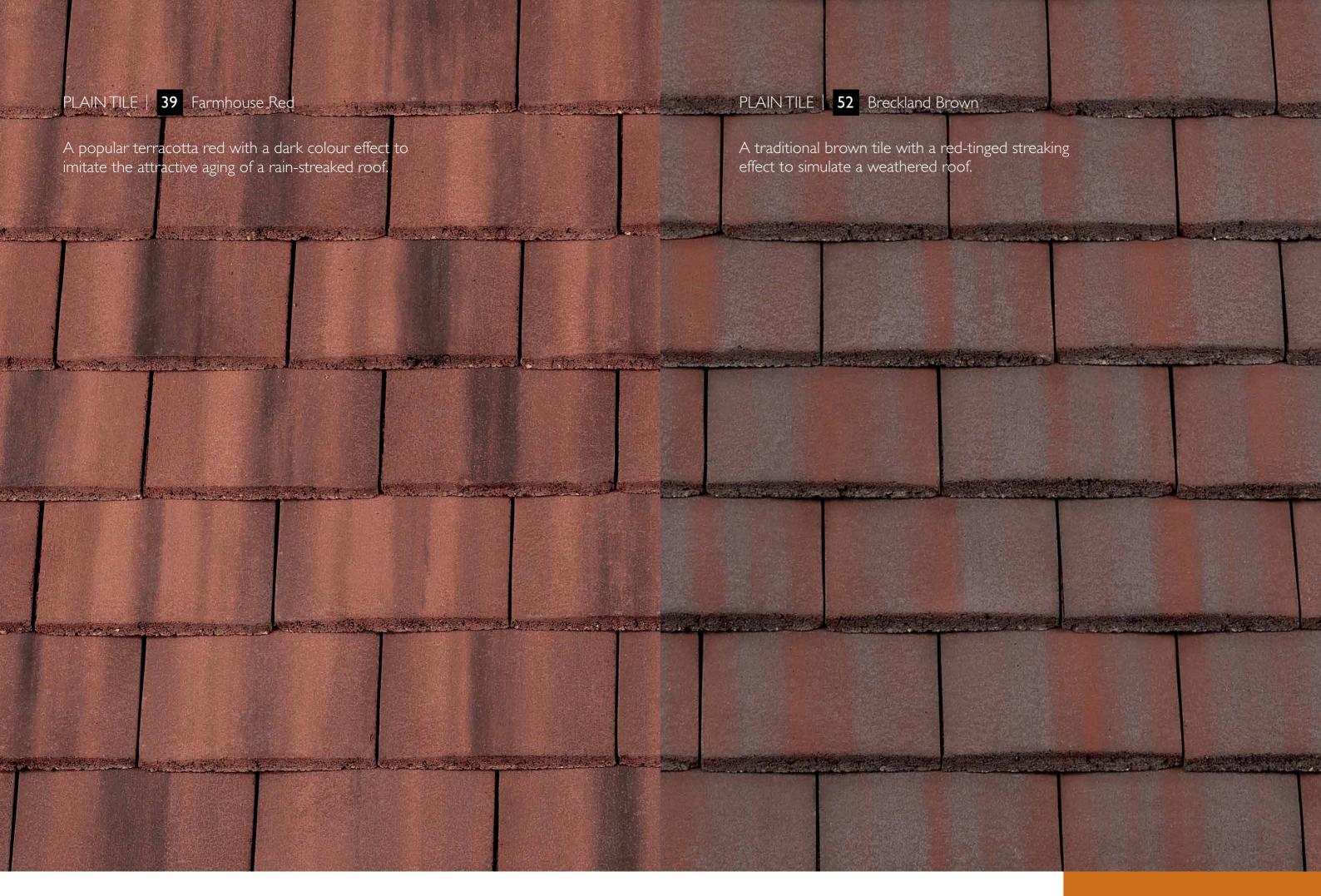
30 PLAINTILE CUSTOMER SERVICE: 03705 601000 PLAINTILE 31

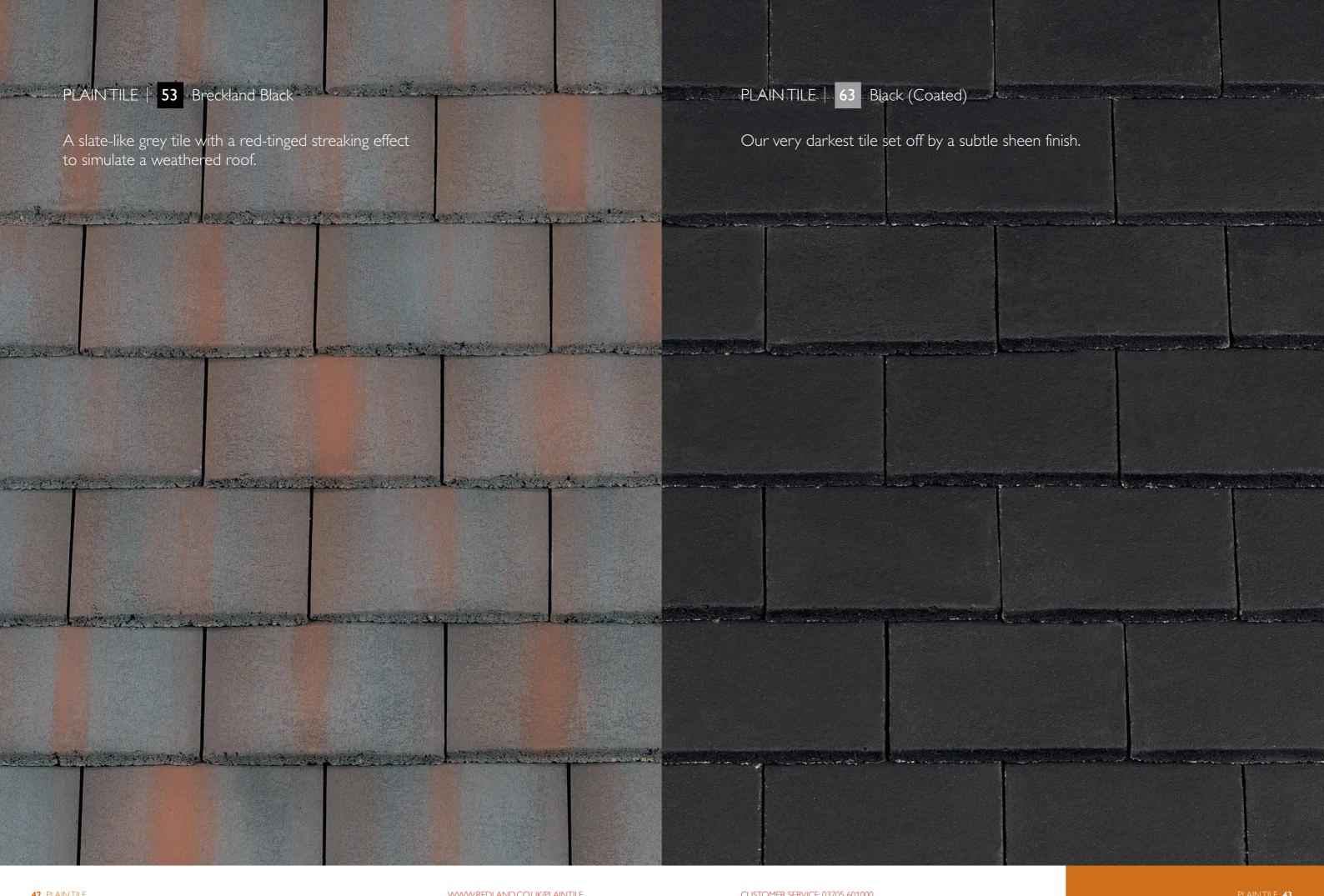


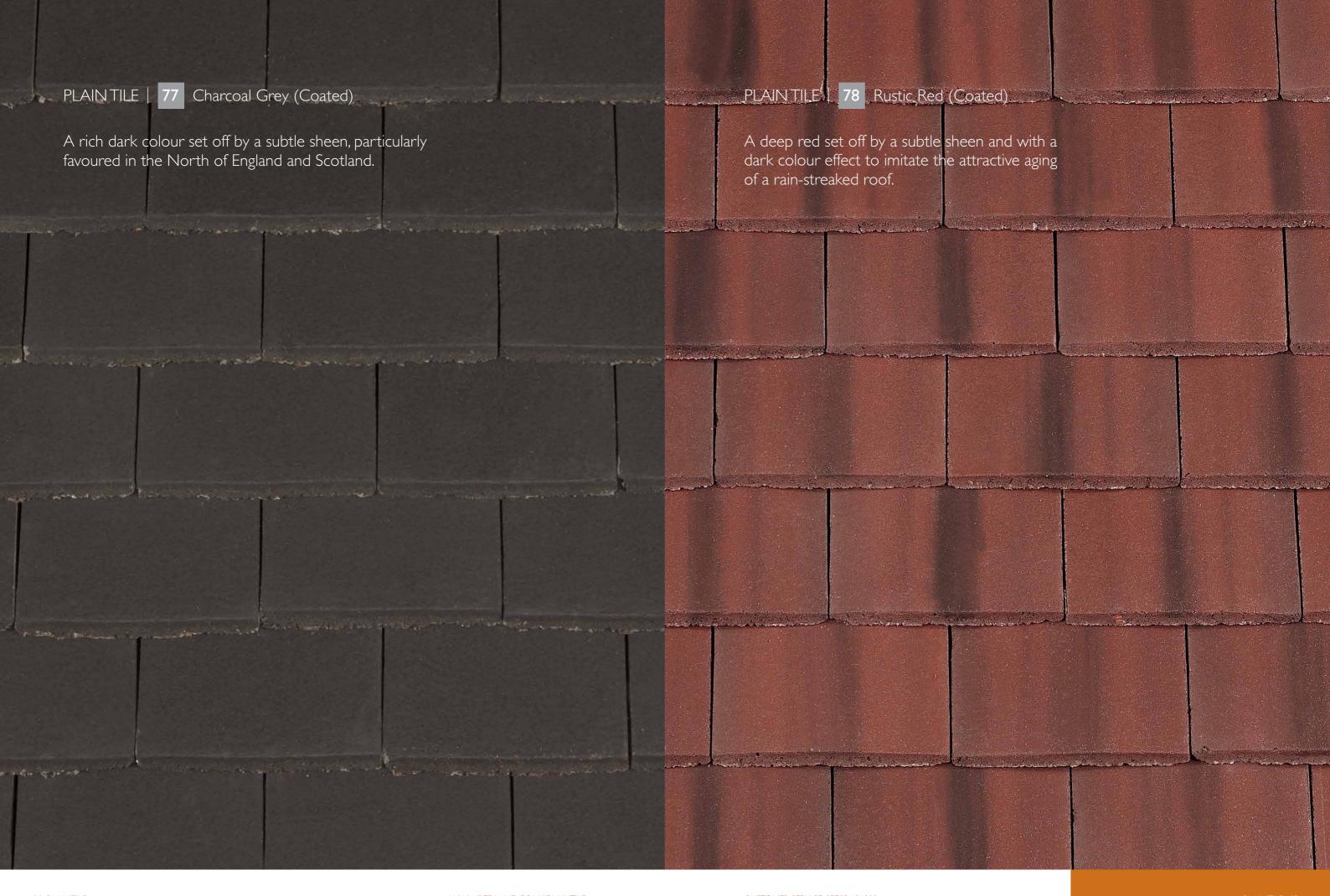


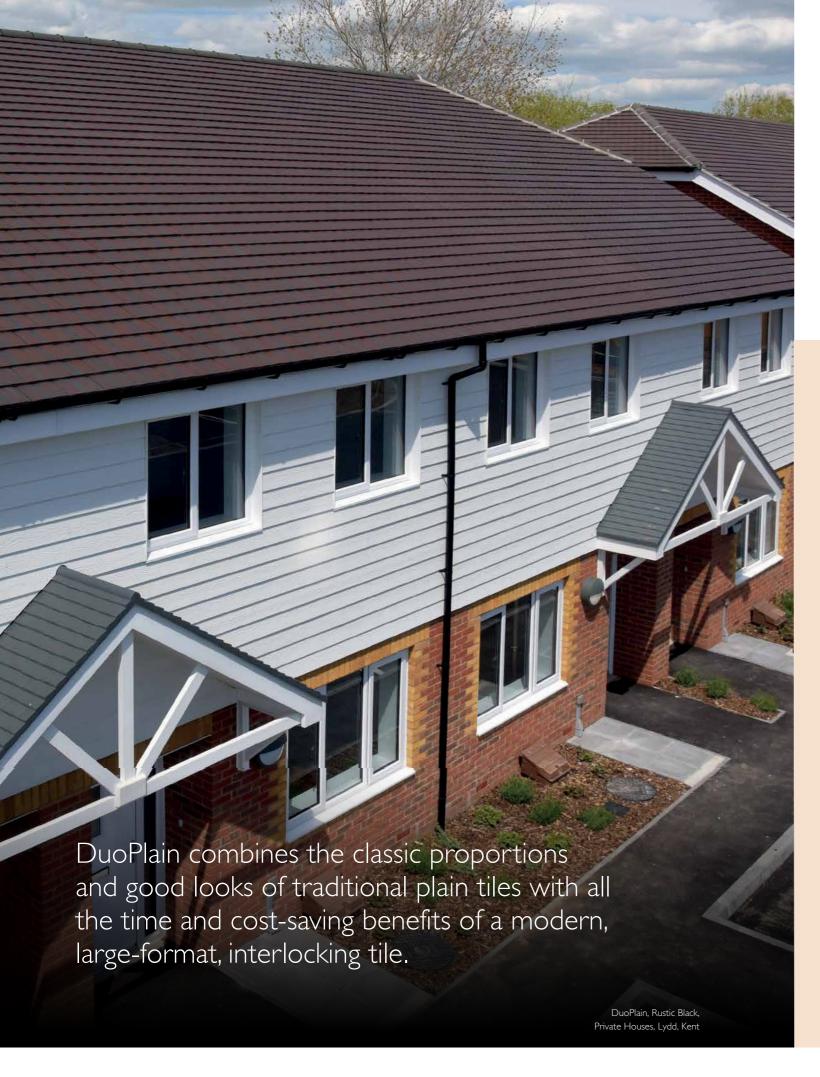
















DUOPLAIN

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.

TECHNICAL DATA

Size (overall)		268 x 330mm
Minimum Pitch (The minimum pitch is based on a m 10 metres. For rafter lengths greater Technical Solutions on 03708 70259	than this, please contact	25° the
Maximum Pitch (subject to fixi	ng specification)	90°
Minimum Headlap		80mm
Maximum Headlap		95mm
Minimum Gauge/Batten Sp	acing	173mm
Maximum Gauge/Batten Sp	pacing	188mm
Hanging Length (approx.)		245mm
Cover (all figures are net and do r Linear cover of 1 tile Covering capacity	not allow for wastage)	300mm 17.7 tiles/m² (at 188mm gauge)
Weight per pallet, including pallet (a per 1000	pprox.)	55kg/m² (at 173mm gauge) 0.91 tonnes 3.10 tonnes
Battens Required (at max. gau	ige)	5.26m/m ²
Batten Size Rafter centres up to 450mr Rafter centres up to 600mr		38 × 25mm 50 × 25mm
Nail Size for Tiles* (Depending on fixing specification)	4	45 × 3mm (A/A) or 45 × 3.35mm (S/S)
Pallet Quantities	Tiles per pallet 288	3 / Tiles per pack 6 / Packs per pallet 48

COLOURS

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



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

FITTINGS & ACCESSORIES

Verge	Ambi-Dry Ver
Hip	Third Round H
	Baby Rid
	Dry H
	Rapid H
Valley	125 GRP Vall
	Dry Vall
Ridge	Half Round Rid
	Half Round Monorid
Ventilation Systems	RedVent EavesVe
	RedVent 25 Over-Fascia Ve
	Rapid Eaves Ve
	Top Edge Abutment Ventilation
	DryVent Rid
	D 1/ 1 M 11

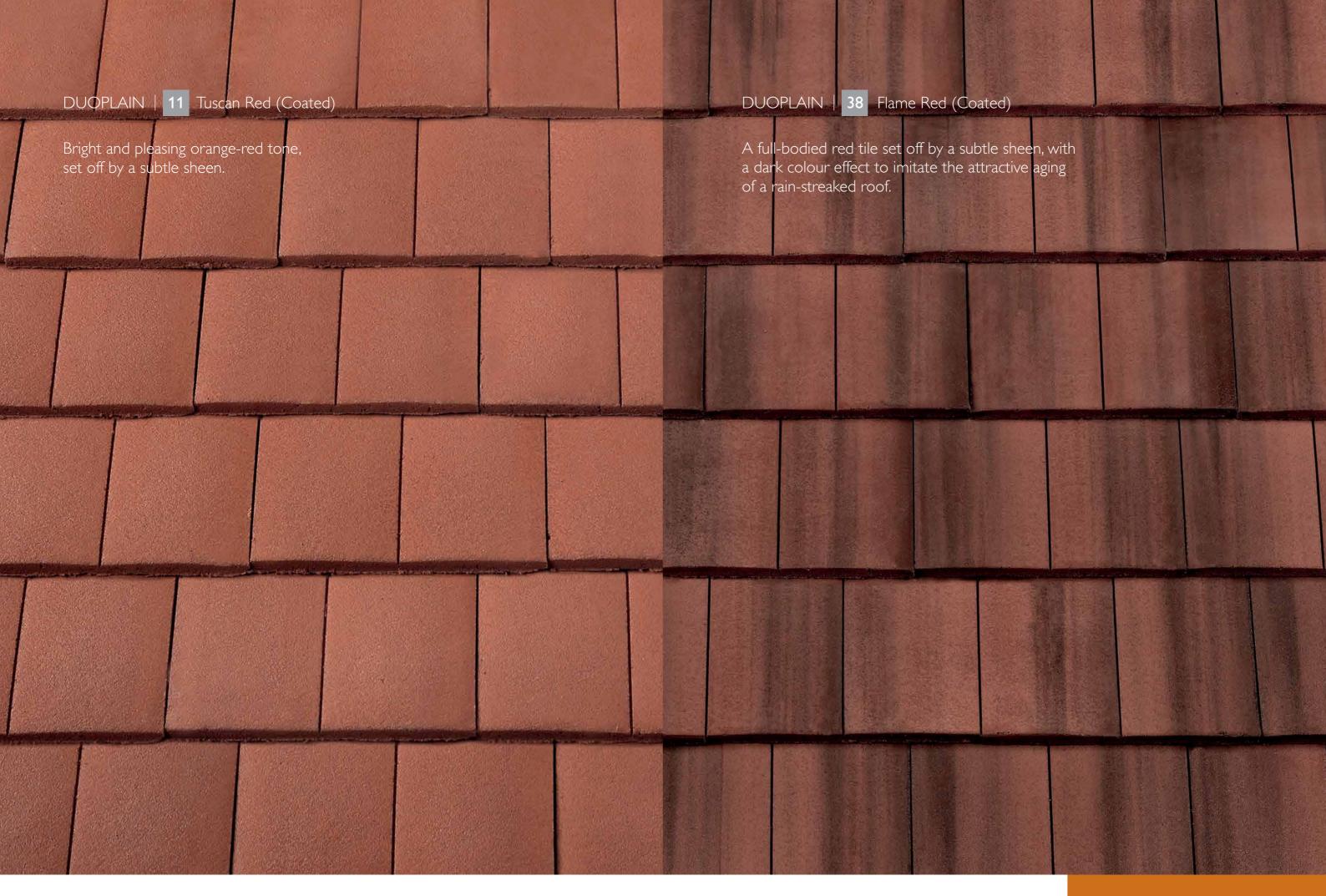
ORNAMENTAL RIDGES AND FINIALS

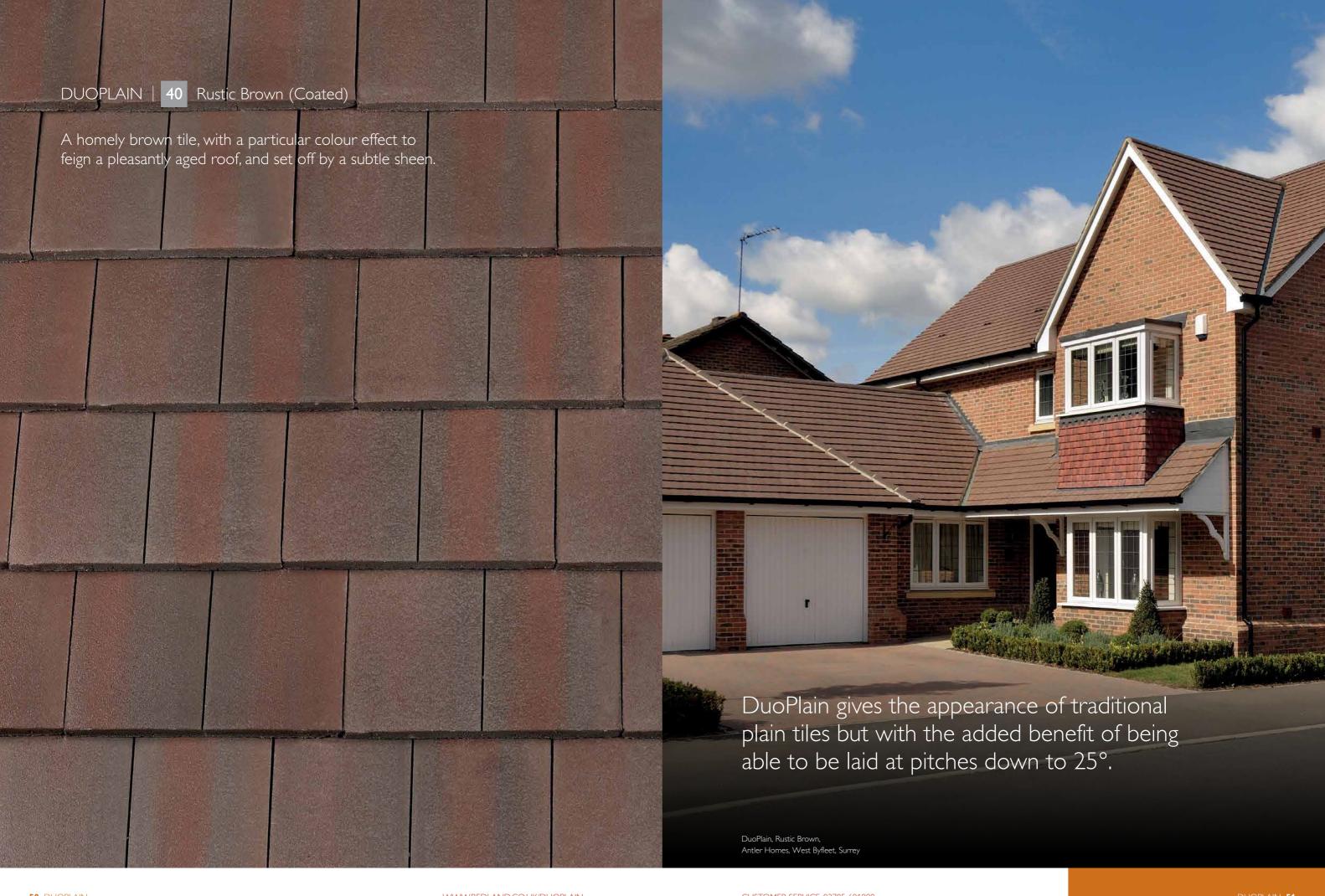
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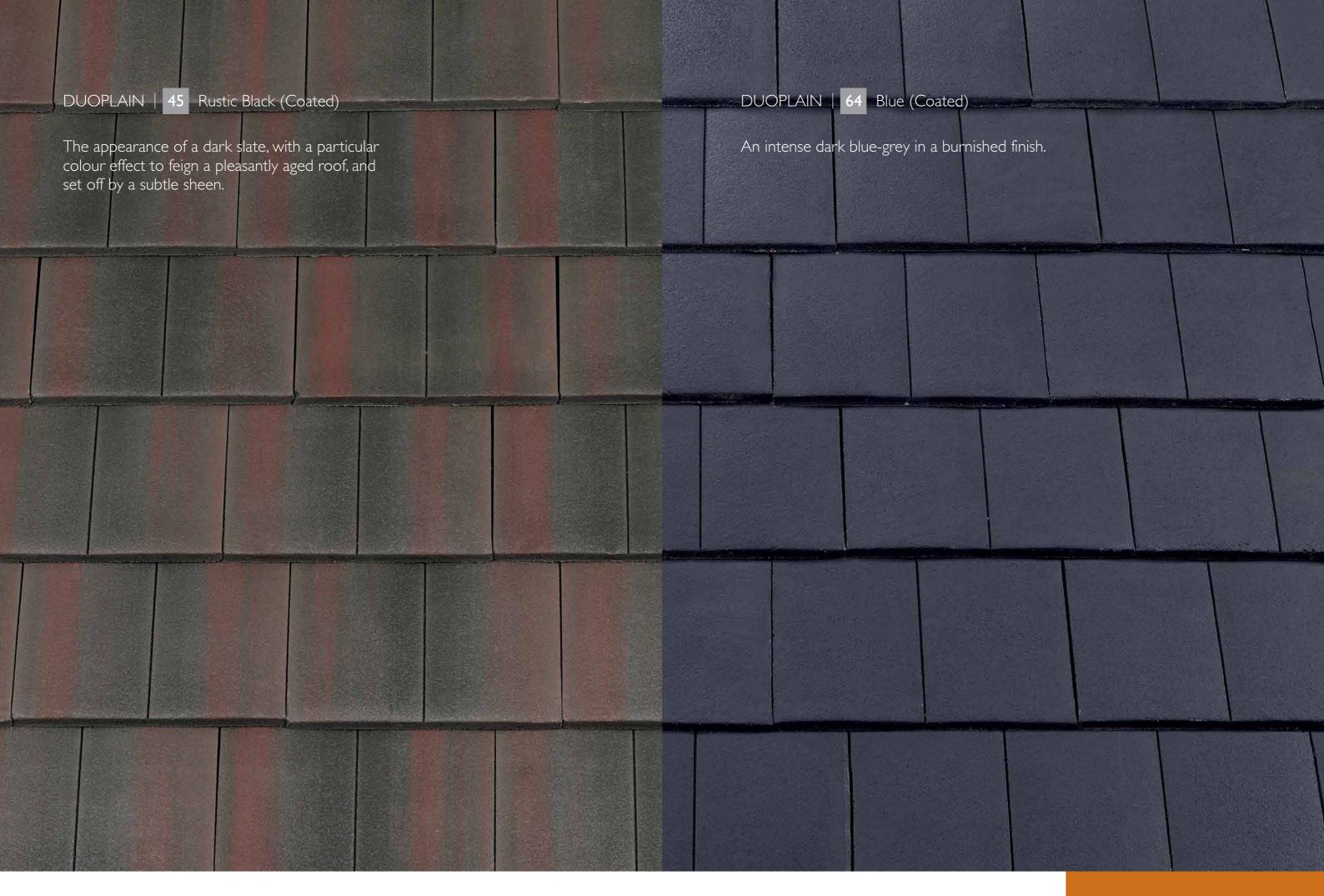


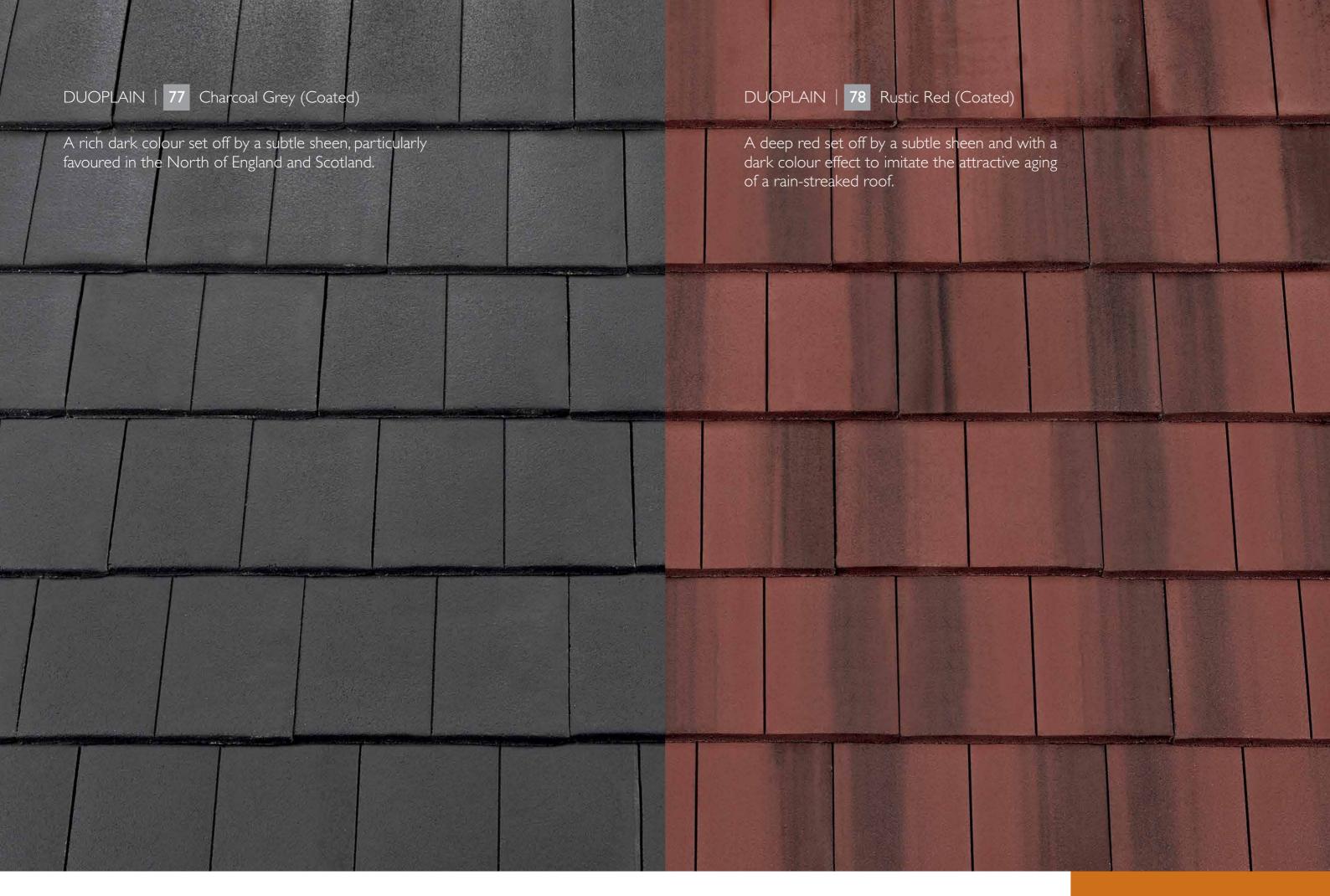


46 DUOPLAIN CUSTOMER SERVICE: 03705 601000 DUOPLAIN 47

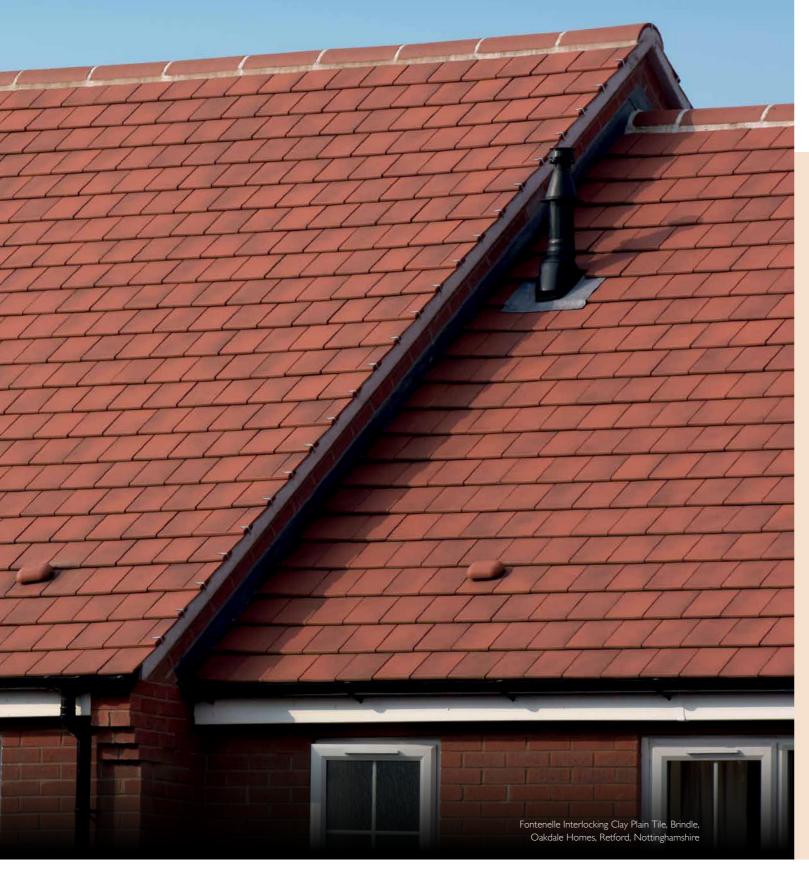














FONTENELLE INTERLOCKING CLAY PLAIN TILE

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

TECHNICAL DATA

Size (ov	verall)		350) x 244mm
Minim	um Pitch			20°
rafter len		er lengths greater than this ar	um pitch is based on a maximum and related queries, please contact the	е
Maxim	um Pitch (subject to	fixing specification)		90°
Minimo	um Headlap			95mm
Maxim	um Headlap			110mm
Minimo	um Gauge/Batten S	Spacing		240mm
Maxim	um Gauge/Batten	Spacing		255mm
Hangin	g Length (approx.)			321mm
Linear	(all figures are net and d cover of 1 tile ng capacity	o not allow for wastage)	19.6 tiles/m² (at 255r	200mm mm gauge)
Weight per pal per 10	let, including pallet	(approx.)		nm gauge) .13 tonnes .65 tonnes
Batten	s Required (at max. g	gauge)		3.92m/m ²
	Size centres up to 450r centres up to 600r		-	88 × 25mm 60 × 25mm
	ze for Tiles* ing on fixing specification)	55 × 2.6	5mm (S/S)
Pallet (Quantities	Tiles per pallet 420	/Tiles per pack 60 / Packs p	per pallet 7

^{*(}S/S) Stainless Steel Ring Shank

KEY ADVANTAGES

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

FITTINGS & ACCESSORIES

Hip	Third Round Hi
Valley	125 GRP Valle Dry Valle
Ridge	Half Round Ridg Half Round Monoridg
Ventilation Systems	RedVent EavesVer RedVent 25 Over-Fascia Ver Rapid Eaves Ver Top Edge Abutment Ventilatio
	DryVent Ridg

ORNAMENTAL RIDGES AND FINIALS

DryVent Monoridge Uni-Vent Rapid Ridge/Hip 4.5k ThruVent Tile

Please refer to page 63

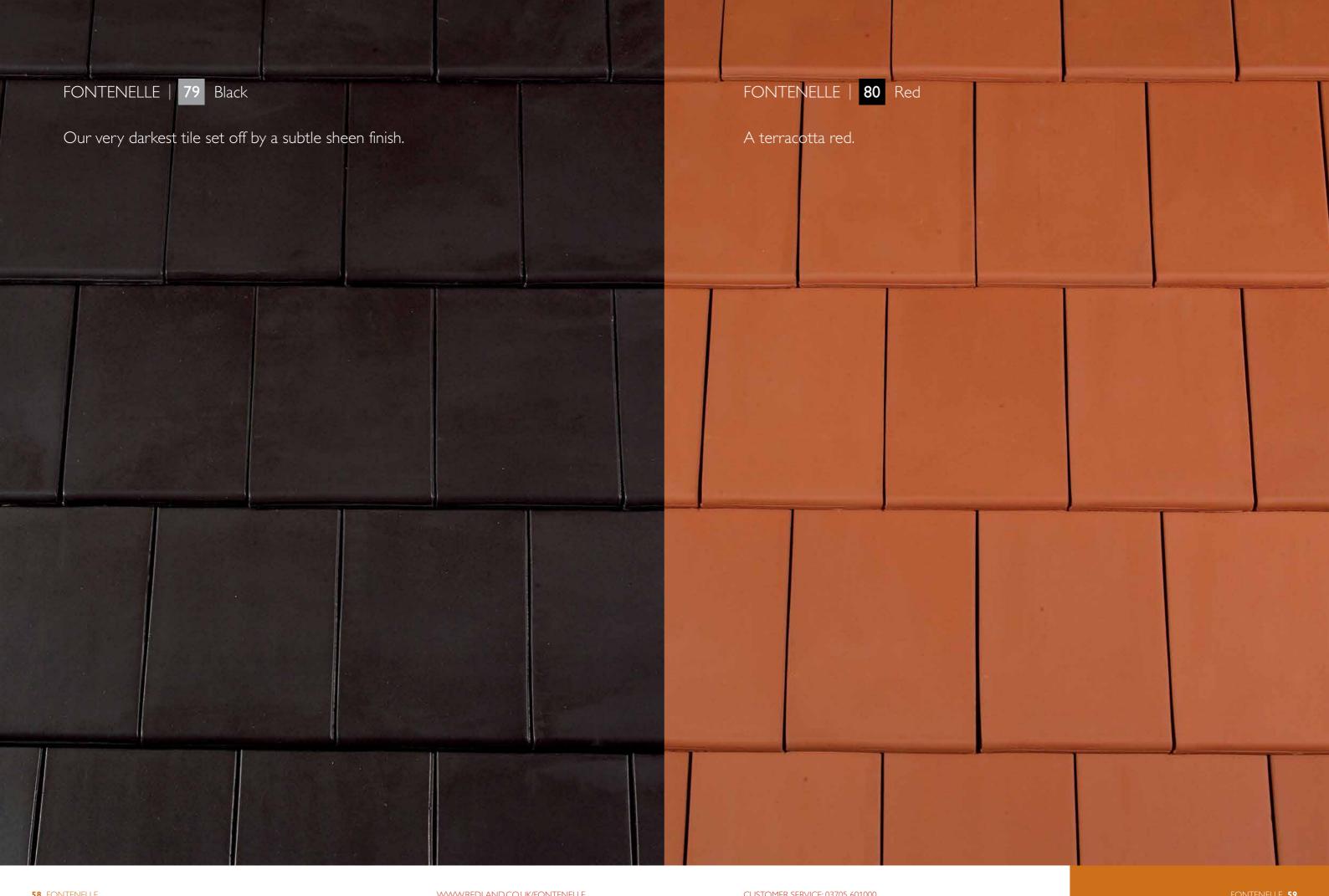


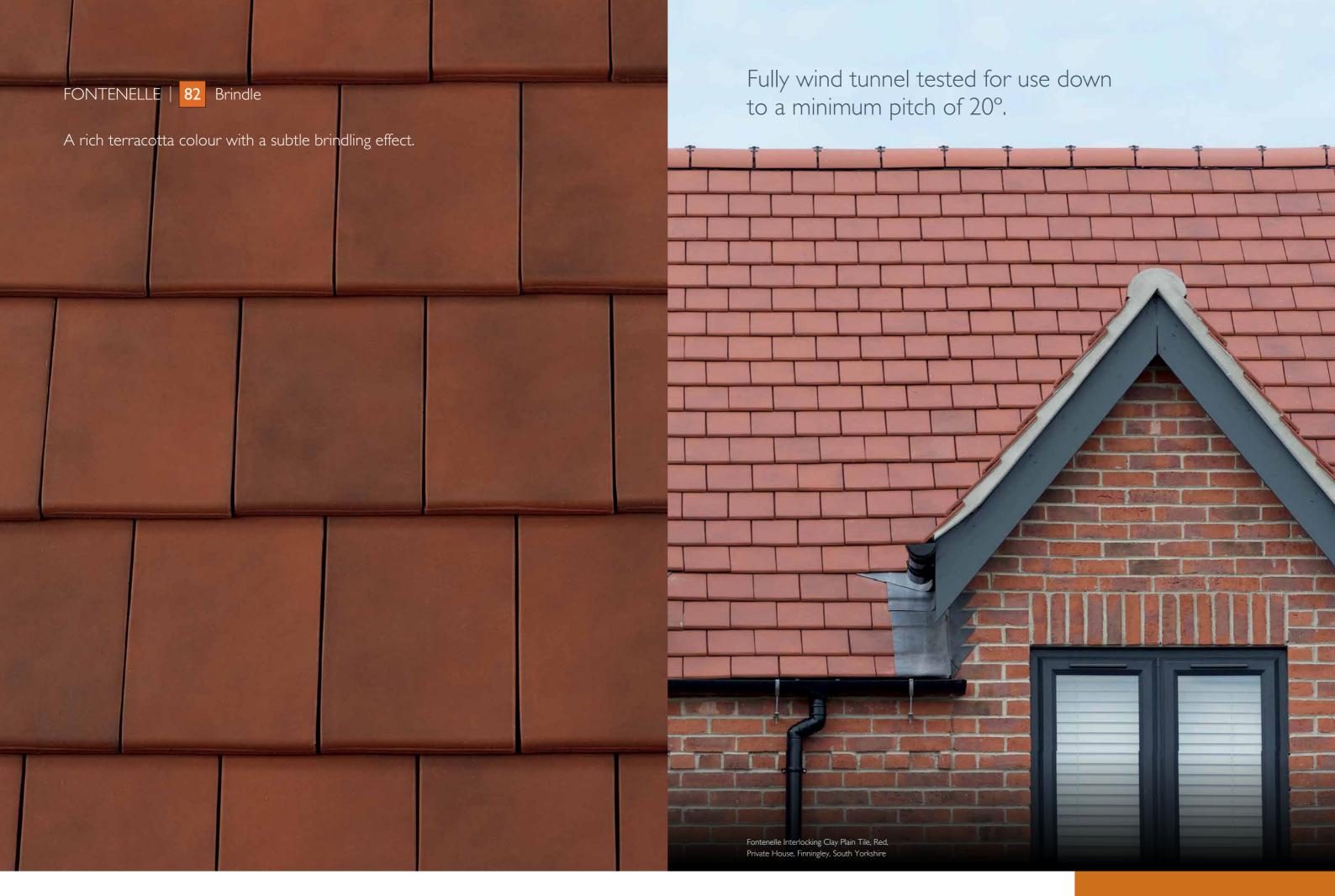


COLOURS



56 FONTENELLE CUSTOMER SERVICE: 03705 601000 FONTENELLE 57









ORNAMENTAL TILES, RIDGES AND FINIALS

With decorative effects being incorporated more frequently into roof designs, we offer the Club 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

DRNAMENTAL RIDGE	ES .	Product Codes	Overall Size $(L \times W \times H \text{ mm})$	Height of Crest	Weight (kg)	ORNAMENTAL TILE
45	Cockscomb Ridge Half Round Ridge Half Round Ridge Block-End	7458 7540	450 × 256 × 198 450 × 256 × 315	100 100	7.6 8.8	
000	Three Hole Crested Ridge Half Round Ridge Half Round Ridge Block-End	7455 7560	450 × 256 × 248 450 × 256 × 370	150 150	8.4 9.6	
***	Fleur-de-Lys Ridge Half Round Ridge Half Round Ridge Block-End	7457 7570	450 × 256 × 248 450 × 256 × 370	150 150	8.0 9.2	
INIALS		Product Codes	Overall Size $(L \times W \times H \text{ mm})$	Height of Finial	Weight (kg)	
2	Scroll Half Round Ridge Half Round Ridge Block-End	7527 7528	300 × 256 × 298 300 × 256 × 415	200 200	8.1 11.6	
1	Short Ball Top Half Round Ridge Half Round Ridge Block-End	7481 7843	300 × 256 × 368 300 × 256 × 485	270 270	7.0 10.5	
L	Tall Ball Top Half Round Ridge Half Round Ridge Block-End	7482 7484	300 × 256 × 468 300 × 256 × 585	370 370	7.4 10.9	

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

FITTINGS COLOUR RANGE

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					OWN.	Σ										Pa		UWC	C,			<u>></u>				srindle	82 Medium Mixed Brindle		de						61	
	Ę	lue Red		plow	18 Hedgerow Brown	20 Manor House Mix	22 Wealden Red	m	'n	ethan	ral Red	Grey	cotta	35 Rustic Brown	36 Tudor Brown	39 Farmhouse Red	45 Rustic Black	52 Breckland Brown	53 Breckland Black			77 Charcoal Grey	c Red			81 Light Mixed Brindle	um Mixe	e	83 Heather Brindle	churst	~	Brindle	t Blend	X Wix.	95 Dark Antique	rian
	02 Brown	03 Antique Red	11 Red	12 Cotswold	18 Hedg	20 Mano	22 Weal	23 Autumn	25 Ember	26 Elizabethan	27 Natural Red	30 Slate Grey	34 Terracotta	35 Rusti	36 Tudor	39 Farm	45 Rusti	52 Breck	53 Breck	63 Black	64 Blue	77 Chan	78 Rustic Red	79 Black	80 Red	81 Light	82 Medi	82 Brindle	83 Heat	84 Hawkhurst	85 Albury	87 Blue Brindle	91 Burnt Blend	94 Russet Mix	95 Dark	98 Victorian
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	٠	٠	•	•	٠	٠	٠	٠	٠	٠	٠	•	•	٠	٠	-	•	-	-	•	•	٠	٠	-	-	-	-	-	-	-	-	-	-	-	-	-
Half Round Block-End Monoridge LH	٠	٠	•	٠	٠	٠	٠	•	٠	•	٠	•	٠	٠	٠	-	-	-	-	-	•	٠	٠	-	-	-	-	-	-	-	-	-	-	-	-	-
Half Round Block-End Monoridge RH	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	-	-	-	-	-	٠	٠	•	-	-	-	-	-	-	-	-	-	-	-	-	-
Bonnet Hip	٠	٠	-	•	٠	٠	٠	•	٠	•	٠	•	•	-	٠	-	-	-	-	-	-	-	-	-	•	•	•	-	•	•	٠	٠	٠	٠	٠	•
Arris Hip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	٠	•	٠	-	٠	-	-	٠	٠	٠	٠	-
Baby Ridge	٠	٠	•	٠	٠	٠	٠	٠	٠	٠	٠	•	٠	٠	٠	-	•	-	-	•	-	٠	•	-	•	•	٠	-	•	•	٠	٠	٠	٠	٠	٠
Pascal Roll	-	-	-	-	-	-	-	-	-	-	-	٠	٠	-	٠	-	-	-	-	-	-	-	-	٠	-	-	-	-	-	-	-	-	-	-	-	-
ValleyTile	٠	٠	-	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	-	٠	-	-	-	-	-	-	-	-	-	٠	•	٠	-	•	٠	٠	٠	٠	٠	٠	٠
Club Tile	٠	٠	-	٠	٠	٠	٠	٠	٠	٠	٠	٠	٠	-	٠	•	-	•	٠	-	-	-	٠	-	٠	•	٠	-	-	-	-	٠	٠	٠	٠	-
External Angle LH 90°	٠	٠	-	•	٠	٠	٠	٠	٠	٠	٠	٠	•	-	٠	•	-	•	٠	٠	-	-	٠	-	•	•	•	-	•	٠	٠	•	٠	٠	٠	•
External Angle RH 90°	•	•	-	•	٠	٠	٠	•	٠	•	٠	•	•	-	٠	•	-	•	•	٠	-	-	٠	-	•	•	•	-	•	•	•	•	•	•	٠	•
Internal Angle LH 90°	-	-	-	-	٠	-	٠	-	٠	-	•	-	-	-	•	-	-	-	-	-	-	-	-	-	•	•	•	-	•	•	•	•	•	•	٠	•
Internal Angle RH 90°	-	-	-	-	٠	-	٠	-	٠	-	•	-	-	-	•	-	-	-	-	-	-	-	-	-	•	•	•	-	•	•	•	•	•	•	٠	•
External Angle LH 135°	٠	٠	•	-		-	١	-	١	-		٠	٠	-	٠	-	-	-	-	-	-	-	٠	-	-	-	-	-	-	-		-		-	-	-
External Angle RH 135°	٠	٠	-	-	-	-	-	-	-	-	-	•	•	-	٠	-	-	-	-	-	-	-	٠	-	-	-	-	-	-	-	-	-	-	-	-	-

PRODUCT CODES

Product codes are given with dir All dimensions are in mm (unless width and height (where applical For fittings colour range availabili	s stated) in the order: length, ole).	Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
TILES							
	Standard Tile (shown above)	6921 265 x 165	As per colour 265 × 165	6661 263 × 165	6151 266 × 165	6101 268 × 330	5961 350 × 244
	Rosemary Red Rosemary Russet Mix	-	6501 6701	c -	-	-	
·	Rosemary Light, Medium Mixed & Blue Brindle Rosemary Burnt Blend//Dark Antique/Heather Brindle	-	6801 6601	-	-	-	-
	Eaves/Top Tile	6924 215 x 165	As per colour 215 × 165	6664 200 × 165	6154 200 × 165	-	
	Rosemary Red	-	6504	-	-	-	-
	Rosemary Russet Mix Rosemary Light, Medium Mixed & Blue Brindle Rosemary Burnt Blend//Dark Antique/Heather Brindle	-	6704 6804 6604	- -	-		-
	Tile-and-a-half	6929 265 × 248	As per colour 265 × 248	6669 263 × 248	6151 266 × 165	-	5962 350 × 344
	Rosemary Red Rosemary Russet Mix	-	6509 6709	-	-	-	-
	Rosemary Light, Medium Mixed & Blue Brindle Rosemary Burnt Blend//Dark Antique/Heather Brindle	-	6809 6609	-	-	-	
	Nosemany burnt biend/Dark Antique/Freatrier Britidie	-	6607	-	-	-	•
	HalfTile	-	-	-	-	6105 268 × 180	-
	Left-hand Verge Tile	-	-	-	-	6103 268 × 222	5963 350 × 200
	Right-hand Verge Tile	-	-	-	•	6104 268 × 255	- 5964
	Left-hand Verge Tile-and-a-Half	-	-	-	-	-	350 × 300
INDERLAYS							
	Spirtech 400 25 Vapour Permeable Underlay	9202 50m × 1.5m	9202 50m × 1.5m	9202 50m × 1.5m	9202 50m × 1.5m	9202 50m × 1.5m	9202 50m x 1.5m
AVES SYSTEMS							
	RedVent EavesVent System for 350-450mm RedVent EavesVent System for 450-600mm	9189 9190	9189 9190	9189 9190	9189 9190	9189 9190	9189 9190
	Extension Tray 350-450mm Extension Tray 450-600mm	9498 9499	9498 9499	9498 9499	9498 9499	9498 9499	9498 9499
	Rapid Eaves Vent 2-in-1-Tray	9988	9988	9988	9988	9988	9988
	Rapid Eaves Vent System Rafter Roll RedVent 25 Over-Fasia Vent	9984 9593	9984 9593	9984 9593	9984 9593	9984 9593	9984 9593
	Underlay Support Tray	9076	9076	9076	9076	9076	9076
ERGE SYSTEMS	Anki De Verre Cetro					0//0	
1/28-1	Ambi-Dry Verge System Ambi-Dry Eaves/Ridge System	-	-	-	-	9660 9680	-
IIP SYSTEMS							
111	Dry Hip System Continuous Hip System	9047 9524	9047 9524	9047 9524	9047 9524	9534 9562	-
	Rapid Hip SupportTray Uni-Vent Rapid Ridge/Hip	9069 9313	9069 9313	9069 9313	9069 9313	9069 9313	9069 9313
	Third Round Hip/Ridge Junction	9521	9521	9521	9521	9521	9521
	Bonnets 35° - 50°	8430	8430	7671	8125	-	-
	35° Arris Hips 40°	-	8411 8412	-	-	-	-
	45°	-	8413 8414	-	-	-	-
	Third Round Hips (without/with nail holes) – clay	8454/8455 300 × 233 × 70	8454/8455 300 × 233 × 70	7686/7687 450 × 233 × 70		-	8454/8455 450 × 233 × 7
0/	Third Round Hips (without/with nail holes) – concrete	-	-	-	8122/7411 450 × 233 × 70	8212/8211 450 × 233 × 70	
7	Hip iron	9258	9258	9258	9258	9258	9258
	Third Round Hip Block-End – concrete Hip End Cap	- 9712	- 9712	7688 -	7784 -	7404 -	-
	Baby Ridge*	8482 300 × 140 × 70	8482 300 × 140 × 70	7675 300 × 140 × 70	7107 300 × 140 × 70	7408 300 × 140 × 70	8482 300 × 140 × 7

^{*} Not suitable for main roof areas (should be used on porches/bay windows only)

PRODUCT CODES

Product codes are given with dimer All dimensions are in mm (unless st width and height (where applicable)	ated) in the order: length,	Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
For fittings colour range availability r	refer to table on page 64.						
VALLEY SYSTEMS							
•	35°- 50° Valley Tiles 35° 40°- 50°	8437 8437	8437 8437	7672 - -	8133 - -	- - -	:
	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) Wakaflex Rapid Flashing (5m x 370mm) Wakaflex Rapid Flashing (5m x 180mm) Wakaflex Rapid Flashing (5m x 560mm) Wakaflex Rapid Flashing (5m x 140mm) Wakaflex Rapid Flashing Strip Wakaflex Rapid Flashing Sealant Wakaflex Rapid Flashing M-Glue	9955/9956 9957 9960 9959 9953 9998 9995 9929	9955/9956 9957 9960 9959 9953 9998 9995 9929	9955/9956 9957 9960 9959 9953 9998 9995 9929	9955/9956 9957 9960 9959 9953 9998 9995 9929	9955/9956 9957 9960 9959 9953 9998 9995 9929	9955/9956 9957 9960 9959 9953 9998 9995 9929
	Side Abutment GRP Secret Gutter Bonding Gutter – Low Profile Bonding Gutter – High Profile	- - 9578	- - 9578	- - 9578	- - 9578	9596 9580 9578	9596 9580 9578
RIDGE SYSTEMS							
11100	DryVent Ridge System	9056	9056	9058	9058	9058	9056/9058
117	Uni-Vent Rapid Ridge/Hip Continuous Ridge System	÷	- -	9313 9302	9313 9302	9313 9302	:
	Ridge Vent Terminal – Clay	8486 450 × 256 × 180	8486 450 × 256 × 180	7678 450 × 256 × 150	7253 450 × 256 × 150	7402 450 × 256 × 150	8486 450 × 256 × 180
	Ridge Vent Terminal — Concrete Ridge Vent Terminal Adaptor Flexible Pipe (100 to 100mm)	9175 9172	9175 9172	9175 9172	9175 9172	9175 9172	9175 9172
	Gas Flue Ridge Terminal	-	-	-	7241 450 × 256 × 176	-	-
	Gas Flue Ridge Terminals Extension Adaptor Gas Flue Blanking Plates	÷	-	-	9143 9099	-	:
	Half Round Ridge – Clay	8450 300 × 256 × 128	8450 300 × 256 × 128	-	-	-	8450 300 × 256 × 128
<u> </u>	Half Round Ridge — Concrete	-	-	7690 450 × 256 × 98	8101 450 × 256 × 98	8201 450 × 256 × 98	8302/8101 450 × 256 × 98
1	Half Round Block-End Ridge		-	-	-	7409 450 × 256 × 98	
	Half Round Ridge End Caps	-	-	-	-	9772	-
	DryVent Monoridge System	-	-	9084	9084	9084	-
	Half Round Monoridge	-	-	7683 450 × 154 × 273	7203 450 × 154 × 273	7403 450 × 154 × 273	-
	Block-End Monoridge (left/right-hand)	-	-	-	-	-	-

PRODUCT CODES

		Rosemary Craftsman	Rosemary Classic	Heathland	Plain Tile	DuoPlain	Fontenelle
VENTILATIONTILES						•	
	Plain Tile RedLine Vent with Underlay Seal RedLine Vent Adaptor Flexible Pipe (100 to 100mm)	9119 9175 9172	9119 9175 9172	9119 9175 9172	9119 9175 9172	9113 - 9172	:
* // ©	4.5k ThruVent Tile with Underlay Seal ThruVent Flexible Pipe (75 to 100mm) Rapid Roof Vent Flexible Pipe	- - -	- - -	- - -	7347 9188 9172	- - -	7840 9188 -
	Rapid Roof Vent Tile Rapid Roof Vent Adaptor	-	-		9128 9175		:
INTERNAL AND EXTERNAL VER	TICAL ANGLES						
	External Angle 90° (left/right-hand)	8441/8440 165 × 83	8441/8440 165 × 83	7673/7674 165 × 83	8134/8135 165 × 83	-	-
1	Internal Angle 90° (left/right-hand)	8443/8442 164 × 92	8443/8442 164 × 92	-	-	-	-
	External Angle 135° (left/right-hand)	-	-	-	7142/7143	-	-
FIXING							
	Innofix Clips	-	-	-	-	9825	-
	Tile Nail (Alum. Alloy)	9331 40 × 2.65	9331 40 × 2.65	9331 40 × 2.65	9331 40 × 2.65	9334 45 × 3	-
	Tile Nail (Stainless Steel)	-	-	-	-	9350 45 × 3.35	9638 55 × 2.65
	Top Tile Clip Kro-Clip	- 9142	- 9142	9282 9142	9282 9142	- 9142	- 9142
BEDDED HIP AND RIDGE MECH.	ANICAL FIXING						
	Mortar Bedded Fixing Kit	9314	9314	9314	9314	9314	9314
OTHER ACCESSORIES							
	Rapid Roof Putty Rapid Roof Paint	-	-	9155 -	9155 9232	9155 9232	:

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. www.redland.co.uk/specmaster

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 technical solutions 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 Technical Solutions.

Movemen

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

Fire Resistanc

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 & Safet

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 Continuous Ridge System, 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 Sarkin

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 customer service.

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

Trademarks: The following are United Kingdom trademarks and are registered in the name of Monier Redland Limited or other business units of BMBG: Ambi-Dry, Cambrian, Colourfusion, Craftsman, DuoPlain, Farmhouse, FixMaster, Fontenelle, Grovebury, Heather, Heathland, InDaX, Landmark, Langdale, QuantMaster, Redland, Redland Cambrian, Redland Richmond, Redland Technical Solutions, Redland 49, RedLine, RedVent, Regent, Rosemary, Saxon, SpecMaster, Spirtech, Stonewold, Wakaflex.

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