



SINCE 1805

Dreadnought TILES



Dreadnought Tradition

Dreadnought's expertise is contained in a tile works that was established in 1805 and developed by four generations of the same family management throughout the last century. This has fostered a consistent long-term philosophy and a truly traditional product.

True Clay Colour

Dreadnought manufacture an extensive range of traditional plain clay roof tiles in natural clay colours, produced through the delicate control of the kiln atmosphere with no applied surface stains or pigments added. The Dreadnought Range is unique in this respect. Dreadnought's conviction in relation to colour has not altered for 200 years and is based on the belief in the enhanced beauty imparted to a building by the natural burnt colours of clay, which cannot be achieved by artificial spray on stains. An extract from the company's first colour brochure published in the 1920's states 'Natural colours not stained' and illustrates our long held philosophy.

Single Camber

Our plain clay tiles retain the traditional single camber shape. Single camber tiles impart a quality and established look to a roof unlike the double camber, which is not a traditional feature of plain clay tiles. The double camber was introduced on some plain clay tiles around 1985 and was marketed as "innovative". However it adds a regimented ripple pattern across the surface of the roof, an appearance characteristic of Concrete roof tiles.

Continuous development

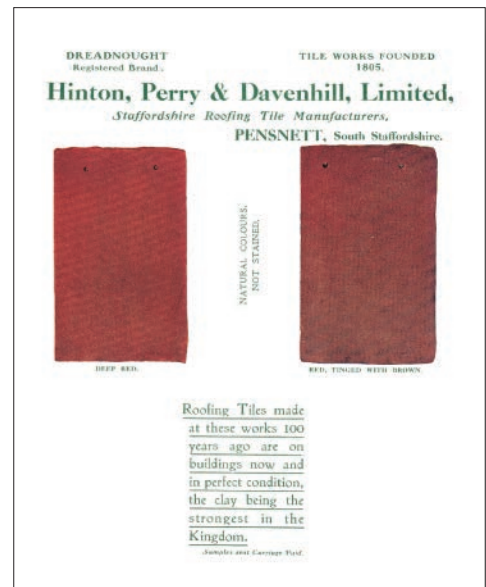
To remain competitive, the production process has been continuously updated, but economies in production that compromise the appearance of the product have always been rejected, so that the traditional Dreadnought colours, shape and weight are retained.

The Environment

Plain Clay tiles carry an A+ rating for best environmental practice in the BRE Green Guide to Specification. We take our environmental commitments seriously and make sure that we exceed all relevant legislation. Our company runs an Environmental Management System accredited to ISO 14001:2004 and over recent years £5 million has been spent within the plant to improve our energy and production efficiency.

Quality Assurance

Dreadnought tiles conform to BS EN 1304:2013 and are manufactured under a Quality Management System which meets the requirements of ISO:9001 2008.

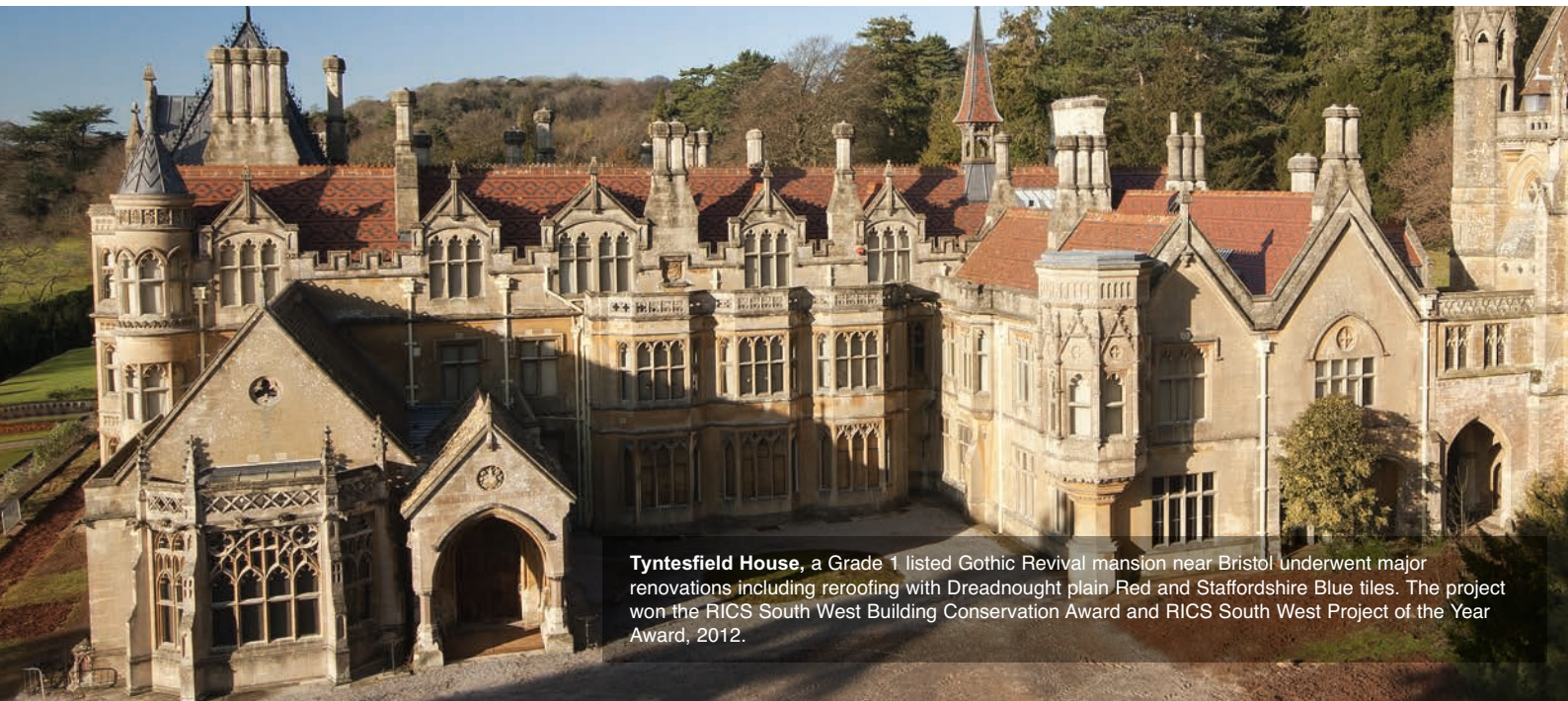


The Governor General's residence, Government House in Wellington New Zealand was reroofed in a mixed blend of 80% plum red tiles and 20% Brown Antique tiles. The original Perfecta tiles, made in the early 1900's were fired in coal fired kilns where colour control was not as exact as it is today, so the 20% Brown Antique tiles were mixed in with the red tiles to match the original appearance.



Anjulita Court Care Home

A stunning contemporary roofscape in Staffordshire Blue Brindle and winner of the Best Clay Tile roof at the 2010 NFRC Awards.



Tyntesfield House, a Grade 1 listed Gothic Revival mansion near Bristol underwent major renovations including reroofing with Dreadnought plain Red and Staffordshire Blue tiles. The project won the RICS South West Building Conservation Award and RICS South West Project of the Year Award, 2012.



Contents

Collingwood Blend	5
Trafalgar Blend	6
Mixed Colour Blends	7

Dreadnought Tile Colours

Staffordshire Blue	8
Blue Brindle/Dark Heather	10
Brown Antique	12
Brown Brindle/Brown Heather	14
Country Brown	16
Red/Blue Blend	18
Red	20
Plum Red	22

Dreadnought Classic Range

Heritage	26
Design Techniques	28
Ventilation	30
Self-Build	31
Roof Components	32
Technical Specification and Sales Support Services	34

“The Dreadnought product is excellent, with dimensional, colour and textural quality consistent throughout.”

Gary Worsfold,
Gary Worsfold Architecture Ltd.



Collingwood Blend

Smoothfaced/Sandfaced

A mixed blend of 70% Brown Brindle/ Brown Heather and 30% Country Brown. Created to commemorate 200 years of Dreadnought, the Collingwood Blend is a product of Dreadnought's long experience of blending roof tile colours. The Collingwood Blend creates a rustic and elegant looking roof of enduring quality.



Above: The Collingwood Blend sits in harmony with the oak frame on this award winning building.

The Collingwood Blend can be supplied on pallets in a predetermined mix with the right proportions of quantities and colours, in either a Smoothfaced or Sandfaced finish. When the tiles are pre-mixed, valuable time is saved on site and additional savings are made as waste is reduced when laying. Also available unmixed.



Above: The Collingwood Blend was used in the transformation of this property from an uninspiring 60's bungalow to an eye-catching 2 storey home. The property was short-listed in the Daily Telegraph/Homebuilding & Renovating Magazine Awards 2011, Renovations category.

Trafalgar Blend

Smoothfaced/Sandfaced

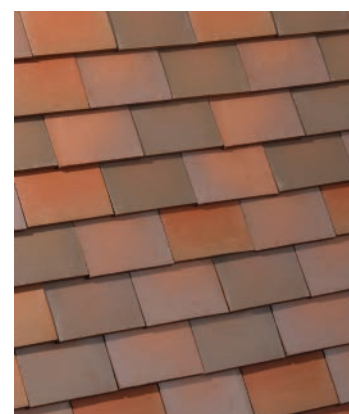
A mixed blend of 33% Brown Brindle/Brown Heather 33% Country Brown 33% Brown Antique
The Trafalgar Blend creates an elegant roof of distinctive character. Here it is matched with natural sandstone to create a beautiful building in harmony with its surroundings.



Left: Trafalgar Blend, on a private house near Bridport.

Bottom: A Trafalgar Blend roof on a self build house in Greens Norton.

The Trafalagar Blend can be supplied on pallets in a predetermined mix with the right proportions of quantities and colours, in either Smoothfaced or Sandfaced. When the tiles are pre-mixed, valuable time is saved on site and additional savings are made as waste is reduced when laying. Also available unmixed.



Mixed Colour Blends

Dreadnoughts are made for blending!

Dreadnought Tile colours are natural and permanent, produced through the delicate control of the kiln atmosphere with no applied surface stains or coloured sands. The subtle, uncontrived colour variation within each tile makes the Dreadnought colour range lend itself particularly well to blending. Whereas mixing artificial colours can look regimented and clumsy, mixing Dreadnought colours produces a natural blend of compatible shades. All our colours exhibit the varied properties of natural burnt clay colours and by mixing different Dreadnought colours together, you can create your own distinctive roof.

Right: This new building at a Berkshire school is set within parkland and needed to fit in alongside the fine Georgian house of the main school. A mixed blend of Brown Brindle and Country Brown (60:40) was used to create this stunning roofscape.



Above: A mixed blend of Brown Antique, Red Blue and Blue Brindle tiles was selected for the roof on a new church hall in Bentley, Hampshire. The aim was to match as close as possible the hues of brown, red, blue and purple on the old church roof next to it.

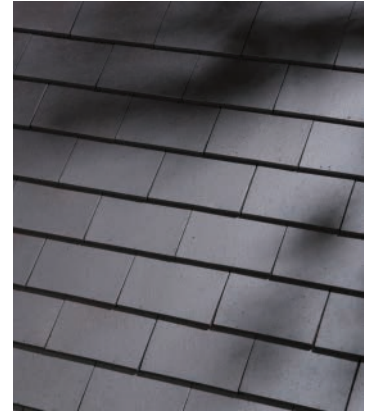
Your local area manager can help you to select your tiles and create a blend that matches in with your other building materials. With over 200 years experience in manufacturing clay tiles, we have found that the more successful blends are those where there is a dominance of one colour rather than a 50:50 mix. Our sales office can advise on different mixes that have been popular and can also provide sites where tile mixes can be seen.

Staffordshire Blue

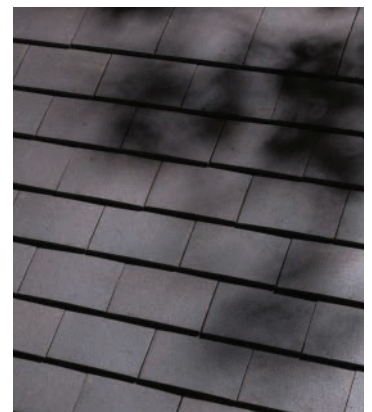
Smoothfaced/Sandfaced

Some companies produce a dark tile by the application of a spray on surface stain, however the Dreadnought range of genuine, traditional blue colours have always been obtained by control of the kiln atmosphere that converts the iron content of the clay to blue in the manner of Staffordshire Blue bricks. A skilled process established by generations of brick and tile makers and retained in our factory uniquely.

This colour makes a competitive alternative to natural slate.



Left: The Staffordshire Blue tiles provide a strong contrast to the light coloured stonework and paving on this cottage at Hazelwood, Nr Duffield, Derbyshire.



Left: Staffordshire Blue tiles on a private house in Poole. This self build property won Best Self Build at Clay Roofing Awards 2006





Above: This striking Library building in Swindon demonstrates the use of Staffordshire Blue tiles, a traditional product, in a contemporary design.

Right: Staffordshire Blue tiles on a self build project in Wimbledon.



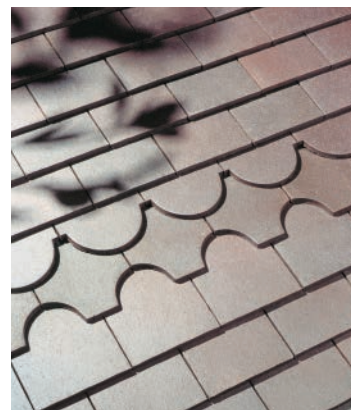
Left: A highly specified New Build house in Beaconsfield uses Staffordshire Blue tiles to maximise its curb appeal

Blue Brindle/Dark Heather

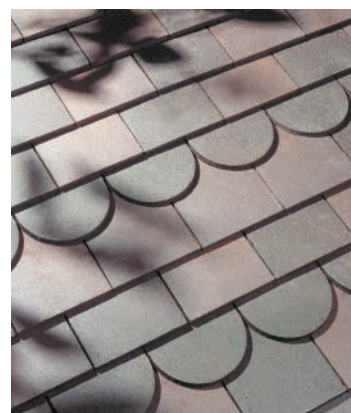
Smoothfaced

Sandfaced

Blue Brindle and Dark Heather are a predominantly blue colour, with subtle shade differences of lighter blue and purple hues.



Left: A refurbishment and new build project at Tortworth Court used Blue Brindle Plain and Ornamental Club Tiles. They matched so well that it was very hard to see which buildings were actually new. The project was awarded Best Commercial New Build Clay Roof at the 2002 CRTA Awards.



Left: On this private house, Blue Brindle tiles have been used on the roof, and Brown Antique Sandfaced tiles provide contrasting shades to the vertical elevations.





Top image: This striking Care Home demonstrates the use of Staffordshire Blue Brindle tiles, a traditional product, in a contemporary design. It was awarded Best Roof 2010 at the NFRC Roofing Awards.

Middle image: This Blue Brindle eyebrow roof line adds detail to the roofscape while also bringing light to the roofspace inside this private house. The use of Ornamental Club Tiles, Cloaked Verges and matching Clover Leaf Ornamental Ridges all add to create a most distinctive roof.

Bottom image: This impressive self build uses Blue Brindle tiles as an alternative to slate.

Brown Antique

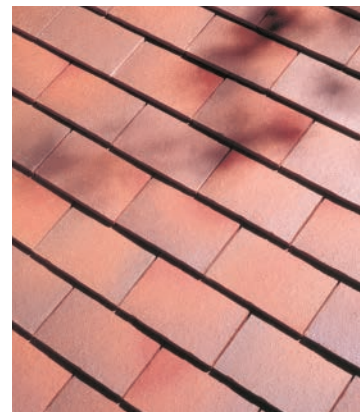
Fox Homes used Brown Antique plain smooth and club tiles and other natural materials to create this quality new build home.

Smoothfaced/Sandfaced

A traditional natural mixture of rich red, brown and blue multi-coloured tiles that adds character to any building. These varied colours are produced by skilled control of the burning process and cannot be reproduced by artificial means.

Left: Brown Antique tiles give a traditional appearance to the redevelopment of Shanklin Manor, IOW. Ornamental detailing has been restored with the use of bands of club tiles, bonnet hips and ornamental finials.

Bottom left: Fox Homes used Brown Antique plain smooth and club tiles and other natural materials to create this quality new build home.





Above: The RSPCA Educational Building Dorrington, Nr Shrewsbury. This unusual Roof in Brown Antique Smoothfaced tiles was highly commended at Clay Roofing Awards 2004.

Right: Brown Antique Smoothfaced tiles were found to provide a like for like match to the originals on this reroofing project at Mylands School in Essex.

Bottom: Brown Antique Smoothfaced tiles on a luxury Octagon home.



Brown Brindle/Brown Heather

Smoothfaced

Sandfaced

These are natural single coloured rich brown tiles with only tonal variations produced without any stains or pigments. These tiles look best against lighter multi coloured brickwork.



Below: Brown Heather tiles have been used on this Self Build home in Wells.



Left & Above: Brown Heather tiles have been used on the roof and vertical tiling on this house. Skillful and imaginative use of ornamental club tiles has enhanced the appearance of this building.

Right: Brown Heather Tiles on a Self Build in Bessacarr.





Above: The Brown Brindle Smoothfaced tiles on this private house in Lancashire, complement the lighter multi-coloured brickwork. The use of arris hips provides a neat finish to the hip lines on this stunning property.

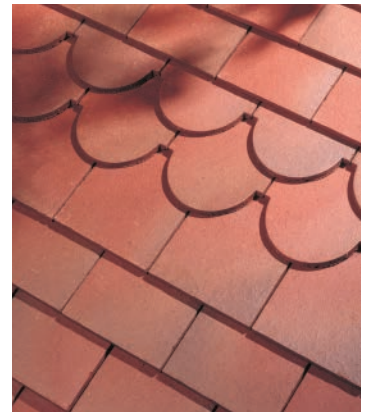
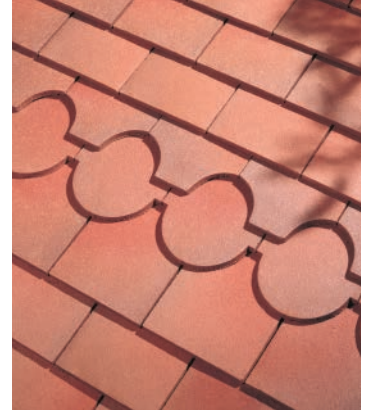


Right: Brown Heather Sandfaced tiles were chosen for the redevelopment of Micheldever Primary School.

Country Brown

Smoothfaced/Sandfaced

Natural multi-coloured red and brown tiles produced without any artificial stains or pigments. A softer lighter colour, which is popular in the south of the country.



Above Left: Banner Homes Development

With Country Brown Sandfaced tiles used both on the roof and the vertical elevation. The natural red and brown colours of Country Brown produce a most attractive roof.

Right: Re-roofing Contract – Boormans Oasts, Hadlow, Kent. The natural red and brown colours of Country Brown provide not only an attractive roof, but major cost saving over handmade tiles. This demonstrates that it is not necessary to incur the expense of handmade tiles to enjoy the best aesthetics.

Bottom Left: Private House, Nr Malvern, Worcs.

The Country Brown Smoothfaced tiles on this intricate roof are neatly broken up by 3 bands of blue brindle tiles and topped off with half round ridges and ball top finials.



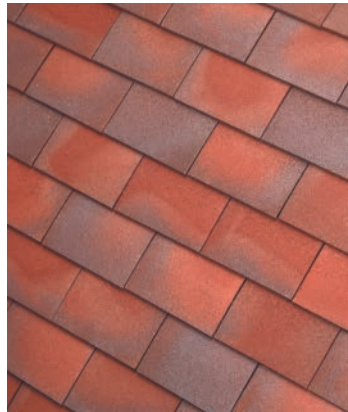
Red/Blue Blend

Smoothfaced/Sandfaced

This is achieved by skilled control of the burning process to produce the traditional naturally occurring random hues of authentic multi-coloured clay tiles; colours that cannot be replicated artificially with applied surface stains and pigments. The colours within this blend are rich and varied with purples & blues merging with reds and vibrant terracotta's.

“The subtle tones, shadow lines and organic nature of this tile subtly add contrast and interest.”

Gary Worsfold,
Gary Worsfold Architecture Ltd.



Top: Red Blue Blend tiles on a Quantum Homes Development at Forest Road Poole.

Left: Red Blue Blend tiles at a Quantum Homes Development at Waterford Lane Lymington.

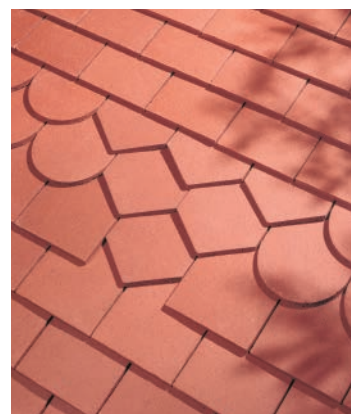
Right: The Red Blue Blend tiles are an attractive complement to the brickwork below. The roof is broken up by the use of ornamental club tiles - in horizontal bands and a diamond shape between the dormers. Ornamental tiles tend to look best when used in odd numbers of courses such as 3 or 5.



Red

Smoothfaced/Sandfaced

Perhaps, the best known and most widely used natural colour produced from Etruria Marl. Ideal for matching and repairs, the traditional red Smoothfaced single camber tile is widely stocked by roofing merchants throughout areas where clay tiles are established. Red Sandfaced tiles give a softer appearance, and are chosen more frequently in the South.



Below: Private House Monmouth
Red smoothfaced tiles with bands of ornamental tiles provide an effective contrast to the stonework.

Below: Roding Valley High School, Loughton, Essex.
This red sandfaced roof complements the buff and red brickwork. The large expanse of roof is broken up by the use of 5 bands of ornamental tiles, in alternating courses of club and fishtail tiles. The roof is topped with 2 hole ornamental ridges.





This Grade II listed Swiss style lodge, at Devonport Park, Plymouth, built in 1858, was refurbished with Red Dreadnought Ornamental Fishtail tiles.



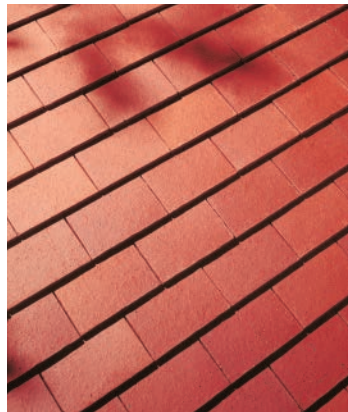
Red Smoothfaced Tiles and Bonnet Hips with matching ornamental ridge, Shrubbery Ave, Worcs

Plum Red

Smoothfaced

In the late 19th and early 20th century, deep red smoothfaced machine made tiles were particularly popular on dominant civic buildings, churches and similar projects.

Most current red clay tiles tend to be of a more pink appearance than tiles produced a century ago. However, the Dreadnought Plum Red smoothfaced traditional single camber tiles provide a colour and finish indistinguishable from traditional tiles of old.



Above: St John The Evangelist Church Dulwich, Plum Red with bands of Country Brown Tiles in a mix of Club and Fishtail Ornamental Tiles, together with purpose-made hips.

Right: Mossley Hill Hospital Liverpool Plum Red tiles were used to re-roof this Nineteenth Century Hospital, special interlocking Ridge Tiles were made to match the originals.



Left and Lower right: Plum Red tiles for the roof and vertical were specified for the re-roofing of Clementsbury, Brickendon on a listed stud farm built in 1902. Crested ridges and finials were made to order to match the originals.

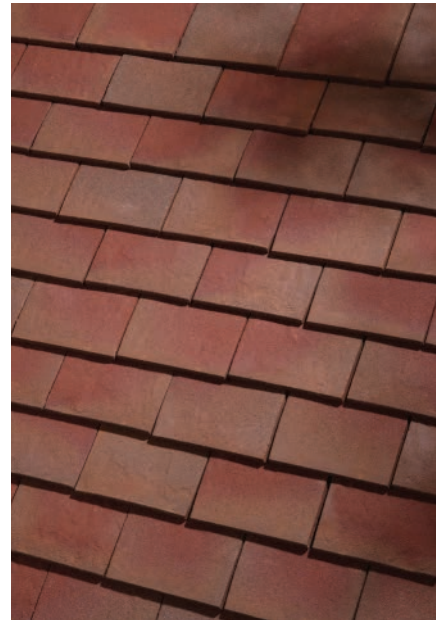


Classic Handformed Range

Dreadnought Classic Tiles are Handformed with variations in texture and shape that impart a special character to a roof. These tiles are all naturally coloured without the use of surface stains or coloured sands as we passionately believe in the superior aesthetic of true burnt clay colours to produce a roof with an old world charm. Dreadnought Classics are similar in appearance to Dreadnought Handmade tiles produced between 1805 and 1984. They are available in 5 colours, Staffordshire Blue, Dark Heather, Purple Brown, Bronze and Deep Red.



A Dreadnought Classic Handformed clay roof is one of the most beautiful and charming roofs you can own.



- Left:** Purple Brown
- Top middle:** Staffordshire Blue
- Bottom middle:** Deep Red
- Top right:** Dark Heather
- Bottom right:** Bronze.

Classic Bronze tiles



Dark Heather Handformed Tiles bring quality, colour and interest to the roof of this luxury house in Sutton Coldfield.



Heritage

Dreadnought offer a heritage service to reproduce tiles, fittings and ornamental components for re-roofing projects. Our skilled craftsmen have an unrivalled depth of experience to create bespoke clay pieces for the most demanding applications.

The key to renovating or extending an old roof successfully is to replace or match “like with like”.

The traditional character of Dreadnought tiles, makes them an appropriate replacement for the many brands of manufacture that are no longer available.

Dreadnought are also often used to match up brands whose names continue to exist today, but whose appearance and character have been radically altered by changes in the manufacturing process. If a single Dreadnought colour does not provide a satisfactory match to the originals, then often a combination of tile colours will provide a close copy.

The Classic handformed range are a very close match to the original Dreadnought tiles made in 1805, and their irregularity of texture give the roof an established look from the moment they are laid.



Above: Traditional single camber Country Brown Smoothfaced tiles were chosen for the re-roofing of Downside Abbey and this project was highly commended at 2008 Clay Roofing Awards.

Left: Where old and tired bespoke features require a like for like replacement, our team of dedicated, skilled craftsmen can help.



Above: Dreadnought's plain Red and Staffordshire Blue tiles have been used by the National Trust to reroof Tyntesfield House, a Grade I listed building near Bristol.

Right: These slotted roll top ornamental ridges pictured have a groove in their length to take specially made inserts. These inserts are bedded into the roll using mortar. Any shape of insert can be manufactured and here you can see some examples of various shapes we have made.



11" x 7" tiles

Matching like with like can involve the use of 11"x7" tiles which are available in the Dreadnought Classic range of colours. English Heritage are keen that new rather than old 11"x7" tiles are used to reduce theft from existing roofs.



Design Techniques

Why Plain Tiles?

The small size of plain tiles provides the versatility for the architect to design roofscapes that contain infinite interest. Hips, valleys, dormer windows, towers and vertical cladding are roof features that embellish a gable to gable roof surface, producing shadows that break up potentially monotonous areas of roof. Large format tiles simply do not offer this flexibility.



Often solar panels detract from the aesthetic of the roof but our Staffordshire Blue plain clay tiles are a close colour match for the panels and by using special fittings, the solar panels can be fitted flush with the tiles. Fitted this way, the panels do not dominate or compromise the appearance of a roof, but they still provide all the benefits of generating your own energy.

Ornamental Tiles

Complex roof details were common in Victorian architecture. Ornamental tiles, ridges and finials and intricately cut barge boards were used to break up hard straight edges.

Ornamental tiles were either laid in bands or in diamond patterns. They were used to add interest to large expanses of roof or vertical cladding. Dreadnought offer 4 ornamental patterns – fishtail, club, spade and arrowhead. A popular and visually attractive combination is the use of club and fishtail laid in the pattern – club/fishtail/club.



Above: Ornamental tiles in Red Blue Blend and Staffordshire Blue were used to recreate the polychromatic diaper pattern on this Gothic Revival church.

Ornamental Ridges

Interest can also be added to the roofs by highlighting the ridgeline via the use of ornamental ridges. (See p.33).

Finials

Finishing touches can be provided by the use of finials. These need not be elaborate and very often the occasional use of a scroll finial does add a subtle finish to a roof.



Above: This Victorian House was re-roofed using a mixture of Brown Brindle and Country Brown Tiles with Ornamental Club Tiles to match the original. Ornamental finials and ridge tiles were hand-made to match the original.

Below: The use of ornamental tiles and different colours for the vertical tiling produces a striking entrance to this supermarket.

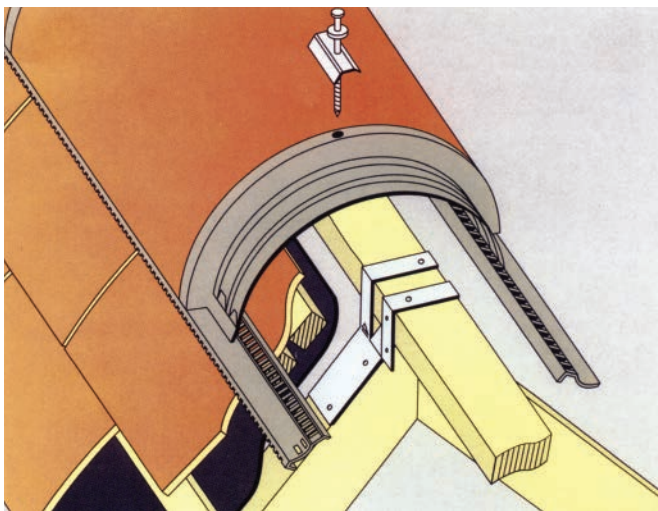


Ventilation

Modern roof insulation and the use of domestic appliances has created a need to remove the increased water vapour from the roof space. Many ventilation fittings designed for this purpose have seriously impaired the aesthetic qualities of the roof. We offer a system that uses clay clad ventilation components that not only match the tiles but also lie flush with the tiling or ridge line.

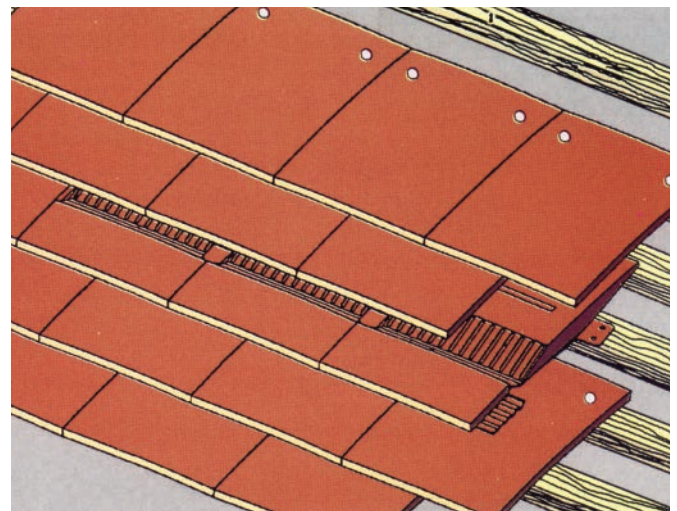


Above: A Dry Fix Ridge Vent on a private house in Dover



Tileline Dry Fix Ridge System

This offers a maintenance free, simple to install method of fixing clay half round ridges and at the same time forms a bird and insect-proof ventilation gap of 5mm. In warm pitched roofs where the insulation follows the rafters, it provides high level ventilation of 5000mm² per lineal meter which would not be achieved with tile vents or ridge vents if there was no air circulation between the individual voids formed by the rafters or counter battens.



Tileline Tile Vent

This is a discreet ventilator flush with the roof and designed to blend in to the rest of the roof. Sections of tile are bonded to the leading edge of the tilevent in the same colour as the tiles on the rest of the roof to match in.

Please call us for fixing instructions or visit our website.

Self-Build

Dreadnought are recognised as the roof tile of choice for the discerning Self Builder. Our tiles have been repeatedly acclaimed with the best Self Build Clay Roof Award. Since the roof is frequently the dominant external feature of a Self Built home, accounting for up to two thirds of the appearance, it is important that the roof is a statement of quality.



The choice of roof tile can impact heavily upon the character and value of a property. The beauty of natural clay colours is unrivalled; an appearance that mellows and improves with age.

Select your own colour blend

The natural colours of Dreadnought Tiles lend themselves particularly well to blending together. The subtle uncontrived colour variation within each tile makes a blend of tiles work so effectively, whereas with tiles that are coloured with surface stains the effect is more regimented. Your local area manager can assist you in creating a blend to help you match up to other building materials. Once you are satisfied with the blend, samples can be provided to submit to planning, architects etc. We have a comprehensive list of sites where our tiles can be seen on existing roofs, as this is the best way to see the difference. A Quantity Estimation Service is freely available from drawings and we would be pleased to discuss aspects of roof design, including the use of ventilation, ornamental components and nailing specifications. We aim to provide you with an excellent service and a truly British quality clay product.

Contact us to find out where tiles can be viewed in your local area.



Roof Components

Ridges

The apex of a roof can be given either a sharp or soft outline by using different ridge profiles. The most commonly used is the half round ridge and a similar soft appearance is obtained with a hog back ridge. An angle ridge provides a sharp apex and this in turn can be broken up by using capped angle ridges or a special ornamental profile.

A baby half-round ridge (165mm diameter) can be supplied for use on porches or canopies. The end of

a ridge-line can be neatly finished with a stop end or hip end.

Hips

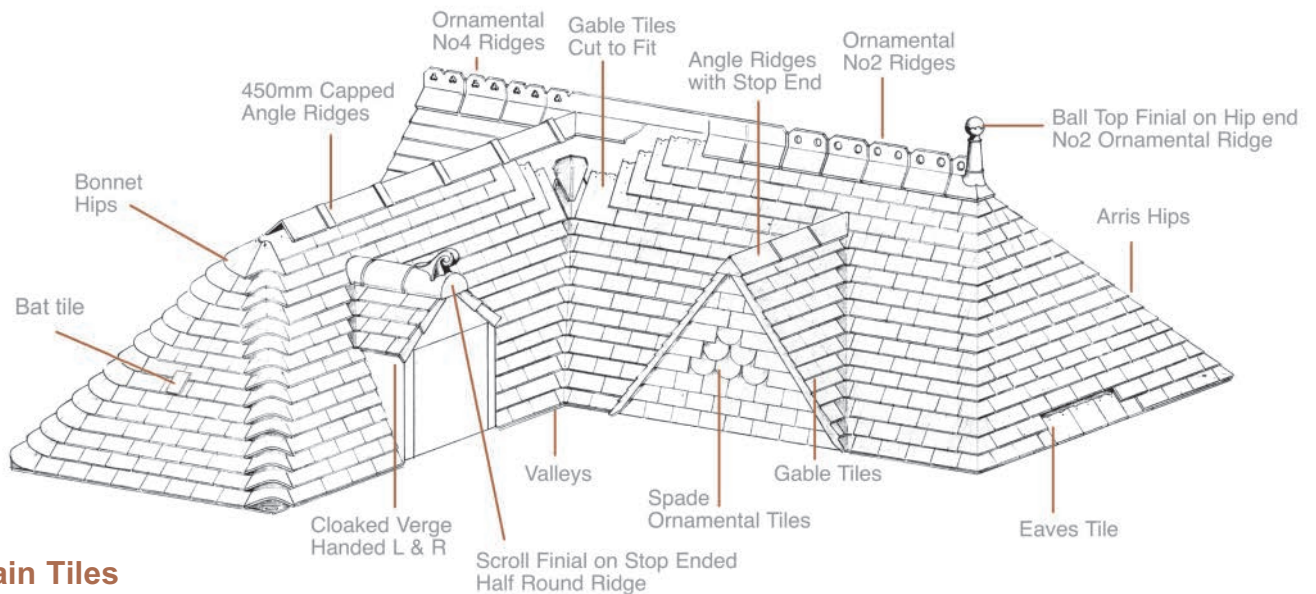
Arris Hips: The use of Arris Hips gives a sharp definition to the profile of the roof. Standard roof pitches are for 35, 40, 45 and 50°. Hips for other pitches can be made as specials.

Bonnet Hips: These provide a rounded and softer profile to a roof. They do not fit close to the hip tile beneath them and mortar bedding must be used to fill the space

between one hip tile and the one beneath. This bedding gives a pleasing effect if it is struck back about 15mm from the edge of the hip tile and the edge wiped clean.

Valleys

Valley Tiles: Valley tiles are made to course with plain tiles in standard pitches for 35, 40, 45 and 50° roofs and can be made as specials for other pitches. They are held in place by the two adjacent plain tiles both of which are twice nailed. This provides a sound and visually attractive form of valley covering.



Plain Tiles



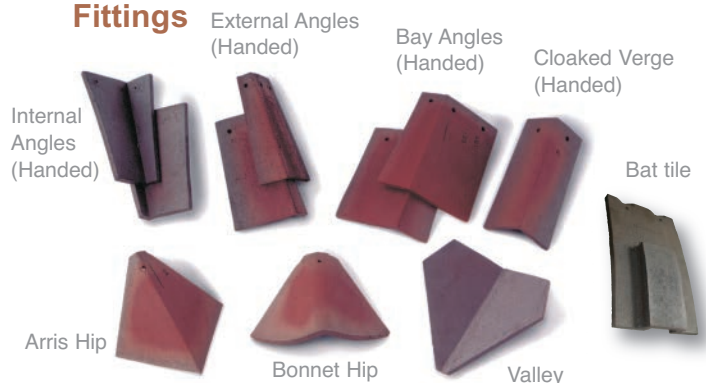
Eave Tile 215 x 165 Gable Tile 265 x 248 Standard Tile 265 x 165

Ornamental tiles



Club Fishtail Club Gable Spade Arrowhead

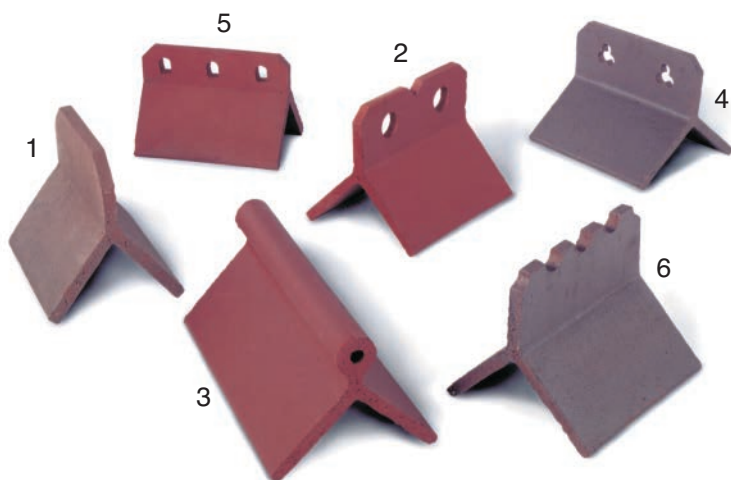
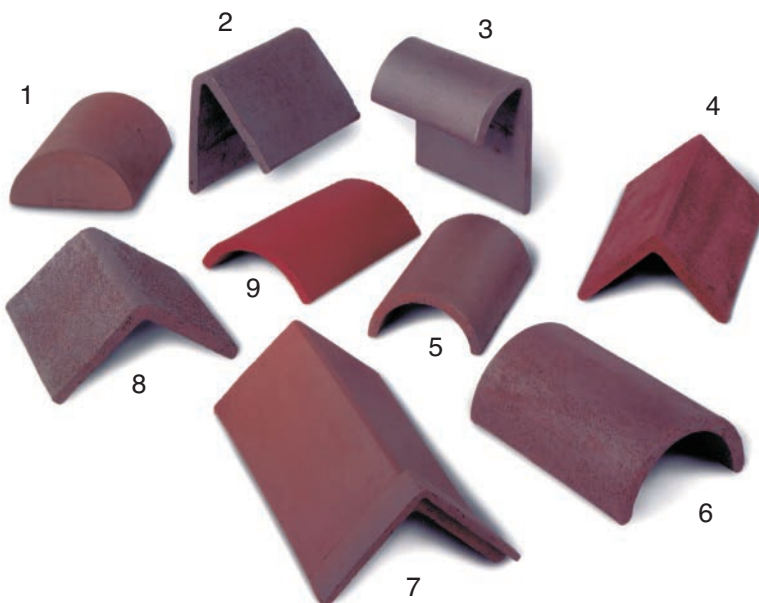
Fittings



Ridges

All Ridges at 300mm unless stated as 450mm

1. Stop End Half Round Ridge
2. Angle Mono Ridge
3. Half Round Mono Ridge
4. 450mm Angle Ridge
5. Baby Half Round Ridge
6. Half Round Ridge
7. 450mm Capped Angle Ridge
8. Hogback Ridge
9. 'Third' Round Ridge



Ornamental Ridges

1. Chamfered Crested Ridge
2. Two Hole Ornamental Ridge
3. 450mm Roll Top Ridge
4. Clover Leaf Ornamental Ridge
5. Three Aperture Crested Ridge
6. Cocks Comb Ornamental Ridge

Ornamental Finials

1. Stop End No.2 Ridge with Ball Top Finial
2. Hip End No.4 Ridge with Ball Top Finial
3. Octagonal Capping Piece with Pagoda Finial
4. No.4 Ridge with Fleur de Lys Finial
5. Half Round Ridge with Fleur de Lys Finial
6. Hip End No.2 Ridge with Scroll Finial
7. Half Round Ridge with Scroll Finial
8. Hip End Half Round Ridge with Scroll Finial used with Bonnet Hip



Technical Specification and Sales Support Services

Specification

Dreadnought tiles should be laid in accordance with BS 5534 2014 Code of Practice for 'Slating and Tiling' and to the Standards of 'Workmanship on Building Sites' contained in BS 8000 Part 6 'Workmanship on Building Sites'.

Detailed specification clauses for Dreadnought tiles and fittings are contained in the National Building Specification Section H60 'Plain Roof Tiling'. Dreadnought products are linked to the relevant NBS clauses through NBS Plus so NBS software subscribers have automatic access to our product information. Specification clauses are also available from our website www.dreadnought-tiles.co.uk.

We also provide a design and NBS specification service if required. Simply contact us on:

E: sales@dreadnought-tiles.co.uk

Tel: 01384 77405

Fax: 01384 74553



Roof Estimation

Our estimating department is available to extract quantities promptly from elevation drawings and roof plans provided to them. The service is of particular benefit to Self-Builders.

Fixing Specification

For rafter pitches below 60 degrees, tiles must be fixed with 2 nails to each tile in at least every 5th course. At verges and abutments and at each side of hips and valleys the end tiles in every course must be fixed with 2 nails. All tiles in the first two courses at eaves and the two top courses must be fixed with two nails. At pitches above 60 degrees, all tiles must be fixed with two nails.

However, BS 5534 2014 requires additional nailing in some designs and locations to take account of the forces imposed by the wind. Our technical services department can provide a full nailing specification on receipt of certain data including:-

- The OS map reference or
- postcode of the site.
- Height to the Ridge.
- Roof Pitch.
- Building Width and Length.
- Town or Country Location.

A form for completion is available on request.

Sales Support

Our one hundred year continuity of family ownership ensures an enthusiastic sales support team with unrivalled experience. You will find them easily accessible and ready to give advice from design

stage to completion of a project. Their comprehensive records of completed site addresses are invaluable, enabling clients to see for themselves the total visual effect of a finished roof. This makes an additional contribution over and above the viewing of sample tiles and photographs in the vital process of roof tile selection. Remember a long history of proven satisfactory use in the UK's testing climate is a more vital factor in the selection of roof tiles than any other building component.

Quality Assurance

Dreadnought tiles conform to BS EN 1304:2013 and are manufactured under a Quality Management System, which meets the requirements of ISO:9001 2008.



Technical data

	Tiles	Classic Tiles	Eaves	Gable
Size	265 x 165 mm	265 x 165 mm	215 x 165 mm	265 x 248 mm
Weight	1.19 kg	1.4 kg	0.95 kg	1.8 kg
Pattern	Traditional Single Camber or Handformed			
Material	Etruria Marl			
Colour	Natural Burnt Clay Free from Applied Surface Stain or Coloured Sands			

	Pitched Roofs	Vertical
Minimum Lap	65 mm	35 mm
Maximum Gauge	100 mm	115 mm
Approx. Weight At Maximum Gauge	71 kg/m ² or 84 kg/m ² for Classic Tiles	63 kg/m ² or 72 kg/m ² for Classic Tiles
Nails	38 x 2.65 mm alloy	38 x 2.65 mm alloy
Battens	38 x 25 mm	38 x 25 mm
Minimum Pitch	35 degree	

Quantity Guide	
Tiles @100mm gauge	60/sq metre
115mm gauge	53/sq metre
Eaves/Tops	6/lineal metre
Gable (tile and half)	5/lineal metre of verge
Hips and valleys	10/lineal metre of main rafter
Ridges	Supplied in 300mm and 450mm lengths



Roof pitch must be quoted when ordering hips and valleys

Relevant Fixing Standards	
BS 5534 2014	Code of Practice for Slating and Tiling
BS 8000-6 2013	Workmanship on Building Sites
BS EN 1991-1-4: 2005+A1:2010	UK National Annex to Eurocode 1 – Actions on Structures – Part 1-4: General actions – wind actions

Relevant Manufacturing Standards 'Clay Roof Tiles for Discontinuous Laying'	
BS EN 1304	Product Definitions and Specifications
BS EN 1024	Determination of Geometric Characteristics
BS EN 539-1	Part 1. Impermeability Test
BS EN 539-2	Part 2. Test for Frost Resistance
BS EN 538	Flexural Strength Test



Freeze Thaw Standards require plain clay tiles for use in the U.K. to withstand at least 150 freeze / thaw cycles under method E of European Standard EN 539-2:2013. At Dreadnought Tiles we regard this as too low for our climate and we therefore test our tiles to withstand in excess of 400 cycles.



Dreadnought Tiles

Hinton, Perry & Davenhill Ltd. Dreadnought Works, Pensnett, Brierley Hill, West Midlands DY5 4TH

Tel: **01384 77405** Fax: **01384 74553** • E-mail: sales@dreadnought-tiles.co.uk

Website: www.dreadnought-tiles.co.uk

SAMPLES: Illustrations in this publication are as accurate as the printing process will permit. To appreciate fully the appearance of the tiles however, you should see samples. These are freely available from Dreadnought Works (01384 77405) and area representatives.
IMPORTANT NOTICE: Technical information in this publication is given in good faith, and is believed to be accurate at the time of going to press.

