

# Technical Specification and Sales Support Services

## Specification

Dreadnought tiles should be laid in accordance with BS 5534 2003 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](http://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](mailto:sales@dreadnought-tiles.co.uk)

**Tel:** 01384 77405

**Fax:** 01384 74553



## 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 2003 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 1304:1998 and are manufactured under a Quality Management System, which meets the requirements of ISO:9001 2000.



## Technical data

	Tiles	Eaves	Gable
Size	265 x 165 mm	215 x 165 mm	265 x 248 mm
Weight	1.19 kg	0.95 kg	1.8 kg
Pattern	Traditional Single Camber or Handformed		
Material	Etruria Marl		
Colour	Dreadnought.....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 <sup>2</sup>	63 kg/m <sup>2</sup>
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 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

Relevant Fixing Standards	
BS 5534 2003	Code of Practice for Slating and Tiling
BS 8000-6:1990	Workmanship on Building Sites
BS 6399 (part 2) 1997	Loadings for Buildings. Code of Practice for Windloads