

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.