

# Technical Data

**Relevant Manufacturing Standards** 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  
**Fixing Standards** BS 5534 2014 Code of Practice for Slating and Tiling, BS 8000-6 2013 Workmanship on Building Sites



Freeze thaw Standards require plain clay tiles for use in the UK to withstand at least 150 freeze / thaw cycles under method E of European Standard EN539-2:22013. 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

	Tiles	Classic Tiles	Eaves	Gable
Size	265mm x 165 mm	265mm x 165mm	215mm x 165mm	265mm x 248mm
Weight	1.19 kg	1.4kg	0.95 kg	1.8 kg
Pattern	Traditional Single Camber	handmade		
Material	Etruria Marl	Etruria Marl	Etruria Marl	Etruria Marl

	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> for Dreadnought range 84kg/m <sup>2</sup> for Classic range	63 kg/m <sup>2</sup> for Dreadnought Range 72kg/m <sup>2</sup> for Classic Range
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	60m <sup>2</sup>
115mm Gauge	53m <sup>2</sup>
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 300 mm and 450 mm lengths