

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 EN539-2:2013. 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

| | 11 x 7 Tiles | 11 x 7 Eaves | 11 x 7 Gables |
|--------------------|---------------------------|---------------|---------------|
| Size | 277mm x 177 mm | 215mm x 177mm | 277mm x 268mm |
| Weight | 1.74 kg | 1.37kg | 2.6kg |
| Pattern | Traditional Single Camber | | |
| Material | Etruria Marl | Etruria Marl | Etruria Marl |
| Number on a pallet | 730 | 900 | 500 |
| Pallet weight | 1270kg | 1233kg | 1300kg |

| | Pitched Roofs | Vertical |
|----------------------------|-------------------------|----------------------|
| Minimum Lap | 65 mm | 35 mm |
| Maximum Gauge | 100 mm | 115 mm |
| Approx Weight at Max Gauge | 99.18 kg/m ² | 87 kg/m ² |
| 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 | 57 per m ² |
| 115mm Gauge | 50 per m ² |
| 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 |