



301 Smooth Plain Tile

Product Technical Information Sheet

ROOF TILING

Material	Clay
Minimum roof pitch	35°
Headlap (minimum)	65mm
Batten spacing at fixed gauge ¹	102.5mm
Size of tile ¹	270 x 170mm
Covering capacity	57.4 tiles per m ²
Cover width	170mm
Profile depth	12mm
Hanging length	254mm
Weight as laid	58.6kg per m ²
Weight per tile	1.02kg
Weight per pallet	1.199 tonnes
Bond	Cross/Broken
Quantity per pallet	
Battens per m ²	9.8m
Batten size -	38 x 25mm
Nail size/type for tiles	38 x 3.35 mm aluminium ring shank clout head

VERTICAL TILING

Minimum roof pitch	75°
Headlap (minimum)	38mm
Batten spacing at fixed gauge ¹	116mm
Size of tile ¹	270 x 170mm
Covering capacity	50.8 tiles per m ²
Cover width	170mm
Profile depth	12mm
Hanging length	254mm
Weight as laid	51.9kg per m ²
Weight per tile	1.02kg
Weight per 1000	1.06 tonnes
Bond	Cross / Broken
Quantity per pallet	1152
Battens per m ²	8.7m
Batten size	38 x 25mm
Nail size/type for tiles	38 x 3.35 mm aluminium ring shank clout head

e. Roof enquiries

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¹ Clay tiles are subject to small variations in size because of drying and firing shrinkage in the manufacturing process. Before deciding on the batten gauge and linear coverage, the roof tiler should inspect each batch of tiles to ensure that the correct minimum headlap and sidelap are achieved. Unless otherwise stated, data is based on the tiles laid at minimum headlap.

Tile Fixing - Sandtoft roof tiles must be laid and fixed to comply with BS 5534: the British Standard Code of practice for slating and tiling, and BS 8000: Part 6: the British Standard Code of practice for workmanship on building sites. To ensure compliance with these Standards we strongly recommend that a calculated fixing specification be obtained from our technical support team.