



301 Smooth Plain Tile

Product Technical Information Sheet

Roof Tiling

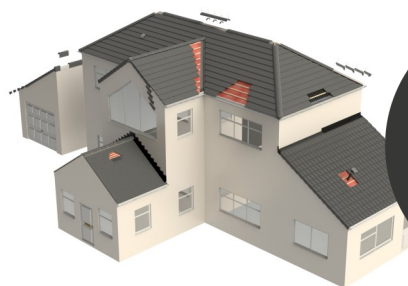
Material	Clay
Minimum roof pitch	35 ⁰
Headlap	65 mm
Batten spacing (fixed gauge) ¹	102.5 mm
Size of tile ¹	270 x 170 mm
Covering capacity	57.4 tiles per m ²
Cover width	170 mm
Profile depth	12 mm
Hanging length	254 mm
Weight as laid	58.6 kg per m ²
Weight per 1000 (including pallet & packaging)	1.06 tonnes
Weight per tile	1.02 kg
Weight per pallet (including pallet & packaging)	1.221 tonnes
Bond	Cross / Broken
Quantity per pallet	1152
Battens per m ²	9.8 m
Batten size - up to 600 mm rafter centres	38 x 25 mm
Nail size/type for tiles	38 x 3.35 mm aluminium ring shank clout head

Vertical Tiling

Material	Clay
Minimum roof pitch	75 ⁰
Headlap	38 mm
Batten spacing (fixed gauge) ¹	116 mm
Size of tile ¹	270 x 170 mm
Covering capacity	50.8 tiles per m ²
Cover width	170 mm
Profile depth	12 mm
Hanging length	254 mm
Weight as laid	51.9 kg per m ²
Weight per 1000 (including pallet & packaging)	1.06 tonnes
Weight per tile	1.02 kg
Weight per pallet (including pallet & packaging)	1.221 tonnes
Bond	Cross / Broken
Quantity per pallet	1152
Battens per m ²	8.7 m
Batten size - up to 600 mm rafter centres	38 x 25 mm
Nail size/type for tiles	38 x 3.35 mm aluminium ring shank clout head



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¹Clay 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 Sandtoft Technical Support or using Sandtoft's online tool at www.all4roof.co.uk

Product specification is subject to change and will be updated accordingly. Date of this data sheet publication; 29/09/2022