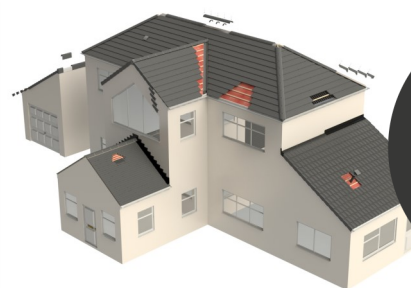


TLE

Product Technical Information Sheet

| | |
|--|---|
| Material | Concrete |
| Minimum roof pitch* | 17.5° at 100mm headlap 22.5° at 75mm headlap |
| Headlap (minimum) | 75 mm |
| Headlap (maximum) | 120 mm |
| Batten spacing at maximum gauge | 345 mm |
| Batten spacing at minimum gauge | 300 mm |
| Size of tile | 420 x 334 mm |
| Covering capacity | 10.3 tiles per m ² at 100mm headlap |
| | 9.6 tiles per m ² at 75mm headlap |
| Cover width | 305 mm |
| Profile depth | 19 mm |
| Hanging length | 400 mm |
| Weight as laid | 49.5 kg per m ² at 100mm headlap |
| | 46.1 kg per m ² at 75mm headlap |
| Weight per 1000 (including pallet & packaging) | 4.9 tonnes |
| Weight per tile | 4.8 kg |
| Weight per pallet (including pallet & packaging) | 1.176 tonnes |
| Bond | Cross / Broken |
| Quantity per pallet | 240 |
| Battens per m ² | 3.2 m at 100mm headlap |
| | 2.9 m at 75mm headlap |
| Batten size - up to 450 mm rafter centres | 38 x 25mm |
| Batten size - up to 600 mm rafter centres | 50 x 25mm |
| Nail size/type for tiles | 45 x 3.35 mm aluminium ring shank clout head |
| Nail size/type for tile clips | Nail included within the clip |



**BIM Objects
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Unless otherwise stated, data is based on the tiles laid at minimum headlap. 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.

*For projects where the rafters are below 22.5 degrees the **roof substructure** must be installed in accordance with the **Sandtoft low pitch installation guide**. **Rafter length restrictions** apply at minimum roof pitch.

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