

Technical Data – TLE	
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 at maximum gauge	10.2 tiles per m ² at 100mm headlap 9.5 tiles per m ² at 75mm headlap
Cover width	305 mm
Profile depth	19 mm
Hanging length	400 mm
Weight as laid	49.0 kg per m ² at 100mm headlap 45.6 kg per m ² at 75mm headlap
Weight per 1000 (including pallet & packaging)	4.97 tonnes
Weight per tile	4.8 kg
Weight per pallet (including pallet & packaging)	1.152 tonnes
Quantity per pallet	240
Battens per m ²	3.1 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 metal tile clips	50 x 3.35 mm aluminium ring shank clout head

Product specification is subject to change and will be updated accordingly. Unless otherwise stated, data is based on the tiles laid at minimum headlap.

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**. Contact Sandtoft Technical Department for advice and a full roof specification. **Rafter length restrictions** apply at minimum roof pitch.

Concealed and Cowl TLE ventilators must not be used on roof pitches below 22.5°. A low pitch ventilator is available. Contact Sandtoft technical Support for further information.

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 further guidance, download the **TLE Installation Guide**.

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 FixSPEC tool at www.wienerberger.co.uk or www.roofspec.co.uk

For further information go to www.wienerberger.co.uk or contact Sandtoft Technical Support on 0844 9395 999.