

Technical Data – Standard Pattern	
Minimum roof pitch*	17.5° smoothfaced at 100mm headlap 22.5° smoothfaced at 75mm headlap 30° sandfaced at 75mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at maximum gauge	305 mm
Batten spacing at minimum gauge	260 mm
Size of tile	380 x 230 mm
Covering capacity at maximum gauge	17.9 tiles per m ² at 100mm headlap 16.4 tiles per m ² at 75mm headlap
Cover width	200 mm
Profile depth	40 mm
Hanging length	355 mm
Weight as laid	53.7 kg per m ² at 100mm headlap 49.2 kg per m ² at 75mm headlap
Weight per 1000 (including pallet & packaging)	2.995 tonnes
Weight per tile	2.95 kg
Weight per pallet (including pallet & packaging)	1.079 tonnes
Quantity per pallet	360
Battens per m ²	3.6 m at 100mm headlap 3.3 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	50 x 3.35 mm aluminium ring shank clout head
Nail size/type for metal tile clips	55 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 Standard Pattern ventilators must not be used on roof pitches below 22.5°.

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 [Standard Pattern 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.