

Technical Data – Modula	
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	370mm
Batten spacing at minimum gauge	325 mm
Size of tile	445 x 330 mm
Covering capacity at maximum gauge	9.7 tiles per m ² at 100mm headlap 9.0 tiles per m ² at 75mm headlap
Cover width	300 mm
Profile depth	54 mm
Hanging length	416 mm
Weight as laid	40.7 kg per m ² at 100mm headlap 37.8 kg per m ² at 75mm headlap
Weight per 1000 (including pallet & packaging)	4.19 tonnes
Weight per tile	4.15 kg
Weight per pallet (including pallet & packaging)	1.006 tonnes
Quantity per pallet	240
Battens per m ²	2.9 m at 100mm headlap 2.7 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	Integrated with clip

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 Modula tile ventilators must not be used on roof pitches below 22.5°. A low pitch cowl ventilator is available. Contact Sandtoft technical Services 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 **Modula 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 either the recommendations given in the Sandtoft **Zonal Method User's Guide** and Zonal tables must be followed where available or a calculated fixing specification must be obtained using Sandtoft's Fixing SPEC service.

For further information go to [Fixing SPEC](#) or contact Sandtoft Technical Services on 0844 9395 999.