

Technical Data – BritLock	
Minimum roof pitch*	17.5° at 120mm headlap 22.5° at 75mm headlap
Headlap (minimum)	75 mm
Headlap (maximum)	120 mm
Batten spacing at maximum gauge	285 mm
Batten spacing at minimum gauge	240 mm
Size of slate	360 x 340 mm
Covering capacity at maximum gauge	13.9 slates per m ² at 120mm headlap 11.7 slates per m ² at 75mm headlap
Cover width	300 mm
Profile depth	11 mm
Hanging length	354 mm
Weight as laid	19.5 kg per m ² at 120mm headlap 16.4 kg per m ² at 75mm headlap
Weight per 1000 (including crate & packaging)	1.5 tonnes
Weight per slate	1.4 kg
Weight per crate (including crate & packaging)	0.75 tonnes
Quantity per crate	500
Battens per m ²	4.2 m at 120mm headlap 3.5 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 slates	38 x 2.95 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 slates 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 BritLock ventilators must not be used on roof pitches below 22.5°. A low pitch concealed ventilator is available. Contact Sandtoft technical Services for further information.

Before deciding on the batten gauge and linear coverage, the roof slater should inspect each batch of slates to ensure that the correct minimum headlap and sidelap are achieved. For further guidance, download the **[BritLock Installation Guide](#)**.

Natural weathering

A natural weathering of the recycled slate will result in a change to the exposed surface, replicating the appearance of natural slate. Contact Sandtoft technical Services to request a mini-sample that shows the comparative change to the surface appearance due to weathering, the rate of which depends on the local environment, climate and aspect of the roof.

Slight colour variations may exist between batches. Slates should be randomised on site to achieve a consistent appearance when installed.

Slate Fixing

Sandtoft roof slates 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.