

Product information

Weight

Nominal laid weight is 85kg/m². The exact weight depends on the batten gauges used and is available as part of our design service.

Sidelap

Minimum sidelap should be in accordance with BS 5534. It is good roofing practice to keep the vertical joint within the middle third of the tile below.

Headlap

The required minimum 75mm headlap is always allowed for in the batten gauge provided. See eaves detail.

Batten Gauge

From drawings and site visits our sales office will work out individual batten gauges to suit each contract requirement.

Recommended Batten Size

For rafters not exceeding 600mm centres, 50 x 25mm. As a guide for estimating purposes: approx 58 metres of battening will be required for 9.28m², ie 6.25m per m².

Diminishing Courses

The slates should be sorted and laid in diminishing courses as defined by the batten gauge supplied by the Sales Office, which will cover the minimum code of practice requirements regarding headlap.

Recommended Nails

Aluminium nails to BS 1202: Part 3.

Copper nails to BS 1202: Part 2.

Silicon bronze nails - round wire nails from any alloy of approx. following composition - 96% copper, 3% silicon 1% manganese. Size 40mm x 2.65mm.

Nailing

For pitches of 60° or above, every slate should be nailed twice. For lower pitches nail each slate in every fifth course, and the two end slates in every course adjacent to verges, abutments, valleys and hips. At top edges, each slate in the top two courses is to be nailed.

The above is the minimum fixing. Wind loading calculations should be carried out in accordance with BS 5534 to establish if these are adequate for any given site.

Underlay

Cover rafters with one layer of reinforced bitumen roofing felt, laid parallel to the ridge. Each layer overlapped at joints of 150mm horizontally and 150mm vertically with ample turn down into the gutter.

The underlay is to be fully supported behind the fascia board to prevent a water trap and must extend into the eaves gutter to allow the drainage of any moisture.

Abutments

Intersections and abutments must be formed with the correct size slates to maintain the bond. One lead soaker to each course.

Guttering

It is recommended that guttering be erected prior to the commencement of slating to alleviate the possibility of any loose material from the slates being discharged down the wall and causing staining.

Delivery and Site Handling

The tiles are delivered in stacked crates, whenever possible, in the order they will be needed. Crane off-load vehicles are available if required.

Design and Planning Service

To support these products we offer a free technical support service for designers and contractors. Our experienced staff are able to assist with design, planning, quantity assessment and construction advice.

Sample Specification

"The roof slates shall be concrete, Brett Landscaping Stonetex Roof Slates in (slate colour) colour to match local stone. The slates will be laid in diminishing courses with a minimum 75mm lap as specified by the manufacturer."