

**Estimating**

Free estimates will be prepared from drawings, or site visits.

**Batten gauges**

Batten spacing will diminish up the pitch of the roof so accurate rafter length will be taken on site and a chart provided on request.

**Recommended underlay**

Reinforced bitumen roofing felt, one layer laid parallel to the ridge, each layer overlapped at joints by 6 inches (150mm) with ample turndown into gutter.

**Recommended batten size**

1.5" X 1" (40x25mm) treated soft wood.

**Pitch**

Sunnyside tiles are suitable for use as a weather resistant and decorative covering to conventional timber roofs of over 30° pitch.

**Recommended nailing**

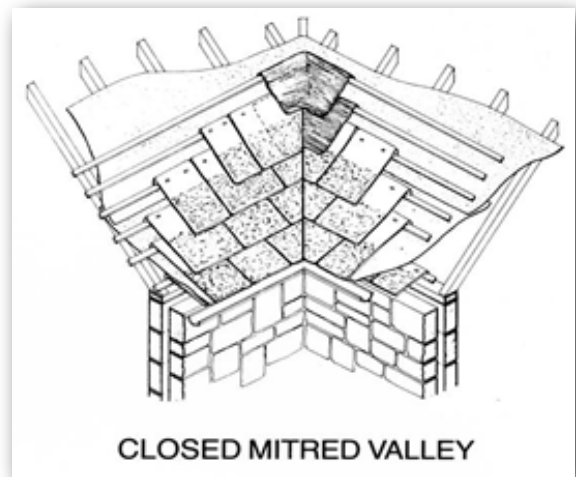
Up to 50° - every 5th course. Between 50 and 55 every 3rd course. Above 55 it is recommended that all tiles are nailed. All under-eave, verge and top tiles should also be nailed.

**Recommended nails**

1.5" (40mm) Aluminium, Zine, Copper or composition.

**Sidelap**

Minimum sidelap of 1/3rd



**Eaves**

Over-hang of tiles should suit gutter detail.

**Verges**

Over-hang should not be less than 2 inch (50mm); they should be tilted enough to prevent water dripping off the side and down the wall. Undercloak can be formed with plain tile or plain asbestos cement slate bedded in 1:3 cement-standard mortar. Verge tiles to be bedded on undercloak and the pointing to be cut-off clean or if a traditional stone verge is required, no undercloaking need be used. The top corner of the verge tile should be cut off at an angle and the tile bedded as above.

**Valleys**

Valleys which can be open or close mitred should be formed with tiles cut to the required angle on site

in order to fit the courses on the main roof and to blend in. Lead or zinc soakers and flashings should be used in accordance with BS5534

**Ridge**

The Under-ridge tile to sit on top of the last 12" tile to maintain the gauge. Bed ridge tiles at joints with 1:3, cement:sand mortar. Lead saddles should be dressed over at intersections.

**Hips**

Where mitred hips are required, lead soakers should be used as with valley detail. If hip ridge is to be used, galvanised steel scroll iron should be fixed at foot of each hip and hip tile bedded as with normal ridge detail.

**Ventilation**

Sufficient ventilation must be provided to avoid roofspace condensation. Advice can be given on request.

**Guttering**

To avoid rain water staining the face of walls, erect guttering as soon as tiling is completed

**Installation**

The tiles can be laid under all reasonable weather conditions. Traditional roof slating techniques are employed including cutting and drilling as necessary. The tiles should be fitted in accordance with the manufacturers instructions and BS5534 (Code of Practise for Salting and Tiling)

**Weathering**

The tiles weather naturally to give the appearance of natural stone tiles, including the acceptance of lichen growth.

**Delivery and site handling**

Tiles should be handled and stored with care to avoid breakages. They should be stacked on edge on a level, firm surface. For ease of use, they should be stacked in rows in height sizes.

For any further technical information, or to arrange a quotation please visit our website (<http://www.sunnysidetiles.co.uk>) or E mail us ([colin@sunnysidetiles.co.uk](mailto:colin@sunnysidetiles.co.uk)).

Alternatively, contact us directly on 01367 850307

**Estimating guide**

- Laid weight :
- Per M<sup>2</sup> (82kg) - 180lbs
  - Per 100sq. ft. (780kg) - 1672lb

**Battens**

As a guide, 6.2m of batten will be required for 1m<sup>2</sup> of tiling or 190ft per 100 sq. ft.

