



## Eyebrow dormers

Eyebrow dormer windows are quite common and plain tiles lend themselves to this particular roofing feature. When designing such a roof it should be remembered that the minimum recommended roof pitch for plain tiles is 35 degrees (40 degrees for handmade clay plain tiles) therefore the pitch of the main roof must be considerably steeper (50 degrees or more) to allow the crest of the dormer to be at the minimum pitch or more.

The timber construction for an eyebrow dormer follows the same principle as for any dormer window or roof light. The main rafters are cut and trimmed at the window head and sill level. Studding is used to form the front 'face' of the eyebrow window. A shaped timber wall plate is fixed across the window head to form the smooth swept line which the tiling will follow in a conventional eaves detail. Supplementary rafters and sprockets are placed from the main rafters onto the eyebrow wall plate.

There is, in effect, a valley formed to either side of the dormer window and these should be protected by using an additional layer of roofing underlay.

Extra care must be taken when setting out the tiling bond and gauge and additional tiles will be required to follow the sweep of the eyebrow.

For more information please contact Sandtoft Technical Support on 0870 145 2021.

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