



# FIXING GUIDE

*Traditional Clay Roof Tiles* should be laid in accordance with BS5534 Part 1 and 11 code of practice for slating and tiling. If you require extra fixing, please refer to zonal method BS6399-2 for wind loads.

## Tiles

The roof is to be covered with 265mm x 165mm *Traditional Clay Roof Tiles* and laid to a max 100mm gauge to give a head lap of 65mm. Roof pitch between 35° and 60° each tile at least in every fifth course is to be twice nailed with 38mm x 3.35mm aluminium alloy clout nails. Above 60° every tile to be twice nailed. At eaves and top courses and all perimeters each tile to be twice nailed.

## Underlay

A breathable membrane i.e. (Tyvek) or other approved, fixed in accordance to manufacture specification.

## Battens

John Brash quality softwood treated battens size 38mm x 25mm on rafter centres 450mm - 600mm nailed to rafters with 65mm galvanised wire nails.

With no more than one batten in four to be joined over each support.

## Verges

All verges to be laid broken - bonded with one plain tile and one gable tile bedded on a slate undercloak with a projection of 50mm over bargeboard or gable walls.

## Ridge

The Ridge to be covered with half round, hogback or mono ridge edge bedded on the tiles, with solid bed at butt joints and end ridge filled with dentil slips.

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## Hips

**Bonnet hips** to be fixed with 65mm x 2.65mm alloy nails and bedded at the face.

**Third round hips** to have 6mm galvanised hip iron screwed to the foot of each rafter support. Edge bedded on the tiles, with a solid bed at butt joints.

## Valley

**Valleys** to be formed with plain tile valleys where roof pitch is of equal degrees between 35° - 55°

## Abutment

Tiling to **abutment** to have tile and gable tile in alternate courses to maintain broken bond with lead soakers fitted in each course.

## Mortar Bedding

All **mortar bedding** used should consist of 1 part cement to 3 parts fine aggregate sand. Bedding mortar to be struck off and pointed in one operation to give a clean face.

## Roof Ventilation

**Ventilation** of the roof space to be in accordance with the requirements of the current Building Regulations and BS5250.

## Substances Hazardous To Health

*Traditional Clay Roof Tiles* & Fittings do not present any risks to health when used as supplied. However, if either hand or power tools are used to cut tiles a certain amount of dust and chippings will be produced. Persons carrying out these operations must wear suitable eye protection and face mask. Where possible the lifting of tiles should be carried out on site by a lift hoist.

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