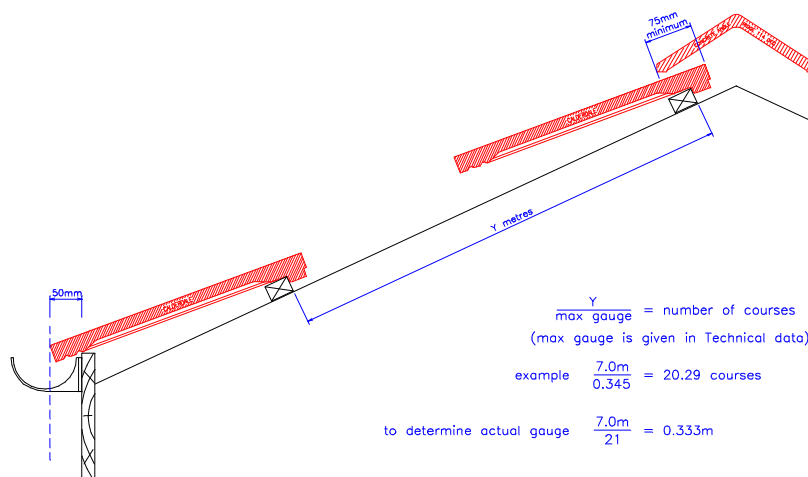


Setting out - an installation guide

When a roofer is setting out the tile courses from eave to ridge it is important that he first correctly sets out the eaves course, i.e. the first course, and the course immediately below the ridge, i.e. the last course.

The first course should be set so that the tail of the tile finishes at the centre of the gutter, usually around 50mm over the fascia for a 100mm wide gutter.

The last course should be set so that the ridge tiles overlap the top of the tiles by at least 75mm. The gauge of the courses in between is then found by measuring from the first to last batten and then dividing this distance by the tile gauge (as given in Manufacturer's technical data).



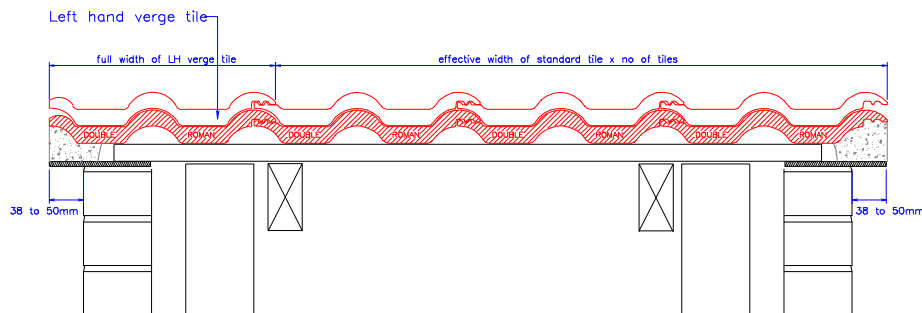
In our example this works out at 20½ courses, therefore 21 courses will be required. The distance as measured between the first and last batten is then divided by 21 to determine the actual, setting out gauge.

Setting out with single lap concrete and open gauge clay tiles is easy because there is virtually no limit to the headlap measurement. However, some traditional clay pantiles are fixed gauge or have a limited headlap range so extra care should be taken when setting out.

Sometimes it is impossible to set out fixed gauge single lap clay tiles to achieve a full course at the ridge so then the top course tiles must be cut, i.e. the top of each tile is cut off and the remaining tile is then re-drilled to form a new nail-hole position.

Consideration should also be given to setting out across the roof, i.e. from verge to verge (gable to gable).

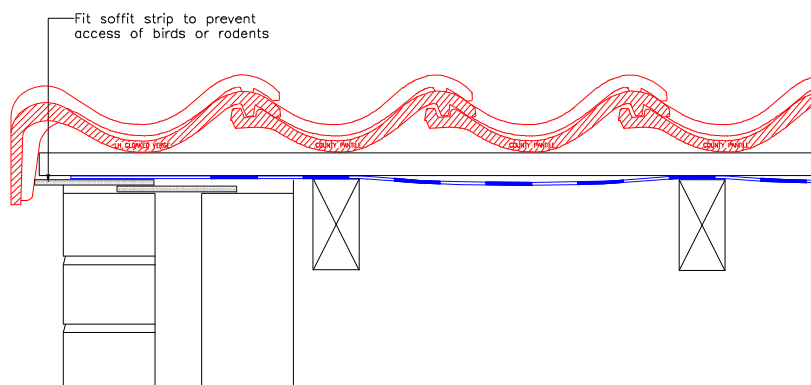
In the manufacturer's technical data, information is given on the linear coverage, or effective width, of tiles. This is the distance that a tile covers from side to side.



Most roofing tiles have some adjustment in their linear coverage, often around 3 to 6mm. So some flexibility in setting out is possible to avoid having to cut tiles at one or both verges. When using traditional bedded verges the overhang can also be adjusted between 38 and 50mm to suit the tiles.

When using cloaked verges setting out can be more difficult. Ideally, cloaked verge tiles should finish close to the gable walls. Half tiles are available for some tiles to aid in setting out.

In situations where it is impossible to finish the cloaked verge tiles against the wall then the resulting gap beneath the verge tiles must be closed using a board, or soffit strip - see below.



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

March 06