

FELT ROOF TILES



The alternative to traditional roofing felt, suitable for sheds, garden buildings and other non-inhabited structures.

- Easy to install
- Easy to handle
- Attractive finish
- Superior waterproofing

Underlay

Always use an Underlay below Felt Roof Tiles, we recommend Marley Waterproofing Garage Felt.

For roofs with pitches above 20 degrees. Lay the single layer of Marley Waterproofing Garage Felt (sand surfaced underlay). See Fig 1. It should be laid as flat as possible. Starting at the eaves, lay with 80mm horizontal lap and 150mm end laps. Secure the Marley Waterproofing Garage Felt with only enough nails to hold it in place. The Felt Roof Tiles themselves will hold it in position.

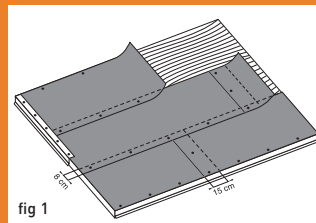


fig 1

For roofs with pitches of 15 to 20 degrees then 2 layers of Marley Waterproofing Garage Felt. See Fig 2. Cut a 500mm starter strip first to be laid at the eaves. Lay with 500mm horizontal lap and with a minimum 300mm end lap.

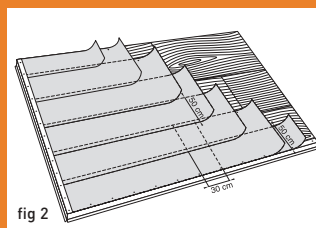


fig 2

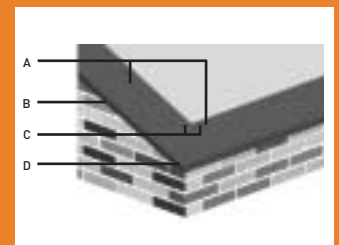
Preparation at Eaves and Verges

A Apply Detailing Strip (cut from Detailing Roll) 300mm wide. Allow 50mm for turnover.

B Dress strip down 25mm below bottom edge of roof deck. Nail at 50mm centres, taking care not to overdrive nails.

C Tack-nail at top edge of Detailing Strip.

D In preparation for laying, the starting line of the first course of Felt Roof Tiles should be marked, set back 15mm from the edges as shown. Use a well-chalked string or a straight edge to provide a guideline. Repeat guideline every few courses to check alignment.

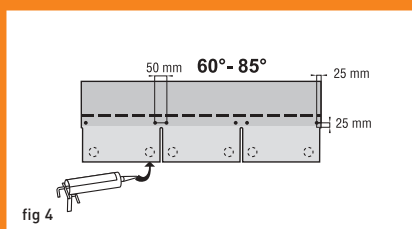
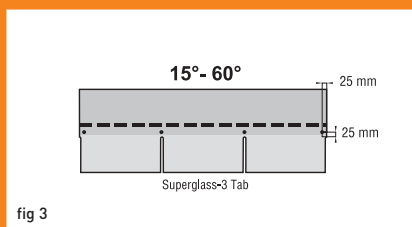


General Fixing

For standard exposure conditions and slopes (15-60° pitch), place one fixing nail 25mm from each end and one fixing nail directly above the centre line of each cut out (See Fig 3). All fixings should be on a line 25mm above the top of the cut out. 20mm clout nails are the ideal fixings to use.

Proper fixing increases the strength and wind resistance of the roof, so do not skimp. If a fixing will not penetrate the decking, use another nearby location. In high wind areas and on steep roofs (60-85° pitch), use 6 nails per Felt Roof Tile Strip, placing one fixing nail 25mm from each end and 2 nails per cut-out, spaced 25mm left and right above each cut-out. (See Fig 4)

For additional security, a small blob of Felt Lap Adhesive should be placed beneath the corners of each tab and over each nail head. Always leave a 2mm gap between the ends of individual Felt Roof Tile Strips, to allow for minor adjustments in alignment. Avoid excessive use of Felt Lap Adhesive as this may result in runs down the roof.



First Shingle Course

Working from the roof eaves, trim 166mm off the verge end first shingle and continue with whole shingles for the rest of the course.

Repeat this process for all odd numbered courses as shown.

Second Course

Start and continue with whole Felt Roof Tile Strips on this course, and all even numbered courses, thus creating a staggered effect. The bottom edge of the Felt Roof Tile Strip should just overlap the top of the cut outs of the underlying strip so there will be approximately 143mm of each tab exposed.

Hips & Ridges

A Form from Detailing Strip 300mm wide.

Cut and finish ends as shown.

B Bond into position using Felt Lap Adhesive



Valleys

A Form valleys from Detailing Strip. Bond into position using Felt Lap Adhesive where joints occur, laps should be 100mm.

B Visible valley should not exceed 100mm width.



Notes

When working at height take precautions to prevent injuries due to falls or falling objects injuring people below.

If the Felt Roof Tile Strips are applied below 10° centigrade then apply small blobs of Felt Lap Adhesive under the corners of the tabs – see Fig 4.

Do not lay Felt Roof Tiles at temperatures below 5° centigrade.

Bend bundles before opening to make separation easier.

Do not attempt to remove the film on the back of individual Felt Roof Tile Strip. It is there to stop the strips sticking together during transport.

It should be left intact.

Try to use Felt Roof Tile Strips from the same batch. If that is not possible carefully mix strips from different packs/batches to avoid undesirable patterns on the roof.

Do not use Felt Roof Tiles on roof slopes below 15° pitch.

Handle Felt Roof Tile Strips carefully in cold conditions, to prevent cracking or breaking. When doing detail work that involves folding in cold conditions, the strips should be warmed before folding.

During hot sunny weather, avoid stepping on the Felt Roof Tile Strips on the sunny side of the roof to prevent marking.

Felt Roof Tile Strips are designed to be nail fixed only, do not use staples, and do not fully bond Felt Roof Tile Strips in any adhesive.

For guidance on the exposure rating of roofs and advice on robust detailing to high value buildings, please contact us.

Note. Under normal conditions allow one tube of Felt Lap Adhesive for each pack.

If the tabs need to be fixed or complex detailing is involved allow an extra 2 tubes per pack.

Marley Waterproofing Rapidseal Lap Sealant is a suitable alternative to Felt Lap Adhesive.

Use with detailing roll and felt lap adhesive for finishing and detailing.