

INSTALLATION GUIDE

Domestic / Commercial / Light Industrial Installation

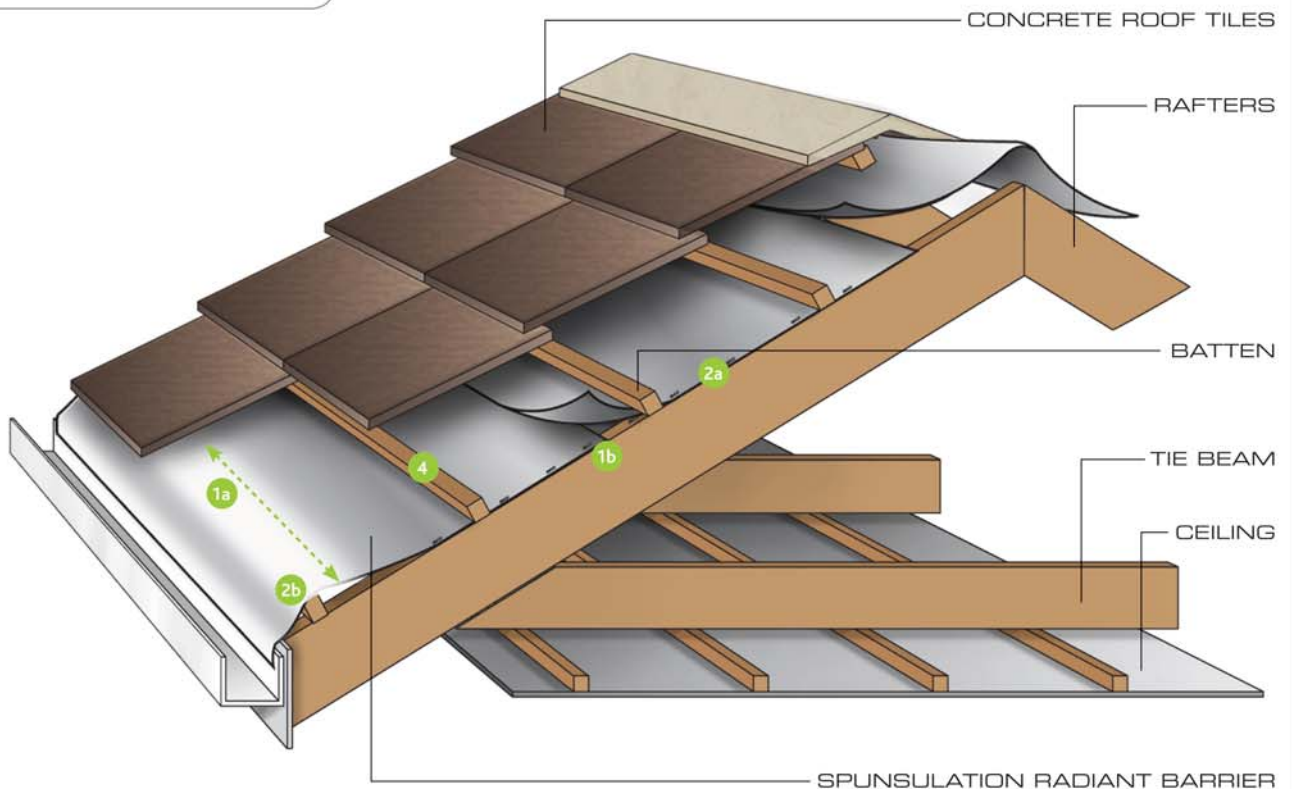
The Spunsulation Roofing Radiant Barrier is to be installed by contractors and roof erectors in accordance with the Building Regulations of South Africa.

INSTRUCTIONS

- 1 The membrane is installed horizontally across the rafters, starting at the eaves and working towards the ridges of the roof (1a), with each subsequent layer overlapping the lower layer by 150 mm (minimum), with the overlapping line of 150 mm facing upwards (1b).
- 2 Each horizontal run must be installed with a drape of 10 mm between rafters or truss centres. The membrane is tacked to the trusses with corrosion resistant staples or E.P clout nails (2a) to secure the membrane in position until the battens are installed on top of the Spunsulation Roofing Radiant Barrier. The membrane between the trusses must be sufficiently taut, while allowing a shallow trough to facilitate run-off should rainwater penetrate the tiles. At the eaves it is important that the membrane is taken from under the secondlast tiling batten over the tilting batten to prevent ponding of water (2b).
- 3 At ridges and hips, a layer of Damp Proofing Course (DPC) should be installed over the apex on top of the roofing radiant barrier. In valleys, a strip of Spunsulation Roofing Radiant Barrier at least 600 mm wide must be laid in each valley, but under the main roof barrier, and be held down by valley battens where used.
- 4 Tiling battens should be installed as soon as possible to prevent damage to the membrane by wind, and roof tiles placed to minimise exposure to the sun. Standard methods of workmanship should be used to apply Spunsulation Roofing Radiant Barrier at penetrations and abutments.
- 5 It must be ensured that the roofing radiant barrier is turned up to less than 50 mm at all abutments to be overlapped by the flashings, and that it overlaps the lining tray by not less than 100 mm at the back face of any abutment.

Any damage to the membrane should be sealed as recommended by the manufacturer.

FIGURE 3.1



DIAGRAMATIC REPRESENTATION OF STEPS TO LAYING SPUNSULATION