

### Specifications

Prepare the laying surface by applying a coating of oxidised additive and solvent based bituminous primer such as DERMAPRIMER with wet volume mass of: 0.98 kg/dm<sup>3</sup> ; residue at 450°C: 0%; effusion time with FORD cup No. 3 at 23°C: 30 sec.; dry volume residue: 38%; dry mass residue: 40% applying 300 g/sq.m. by brush or roller.

Install special breather vents for the elimination of excess water vapour, at the junction points of the thermal insulation. The breather vents must be positioned between the dispersion layer and the vapour barrier and channelled into special ventilation tiles.

Lay an aluminium reinforced vapour barrier such as VAPOREX 2.2 kg/sq.m. (EN 1849-1), with longitudinal and transverse load at break of 300N (EN 12311-1), maximum longitudinal and transverse elongation at break 3% (EN 12311-1), vapour resistance factor  $\mu > 200.000$  (EN 1931). Glue the membrane, by partially bonding (in strips) the underside covered with polyethylene film by means of a propane gas blowpipe, making longitudinal joints of at least 10 cm and head joints of 15 cm, including the joint necks with the vertical walls that must rise by at least 10 cm over the thickness of the thermal - acoustic insulation.

Lay the flame-resistant thermal and/or acoustic insulation sheets with thickness and characteristics as per the design specifications. Fix the sheets with oxidised bitumen and 4 nails per sheet; place wooden slats treated with DERMAPRIMER of the same thickness between the insulation sheets, nailing and sealing the wooden slats to the supporting structure.

Lay a second waterproofing membrane parallel to the gutter line, consisting of a distilled bituminous compound modified with plastomer polymers self-protected by slate chips in the colour selected, such as DERMAFIL 45200 CPV, with mass per unit area of 4.5 kg/sq.m., thickness 4 mm, (EN 1849-1),

load at break, long. 650N, transverse 450N (EN 12311-1), maximum longitudinal and transverse elongation at break 45% (EN 12311-1), flexibility at low temperatures -10°C (EN 1109). Lay the membrane in on insulation sheet by fully bonding the underside covered by polyethylene film by means of a propane gas blowpipe, and making longitudinal overlaps of at least 10 cm and head overlaps of at least 15 cm, closing them over. If necessary, nail the sections where the membranes overlap, and seal perfectly.

Lay the masonry or cement tiles on cement mortar seams, directly on the slated membrane.

- **SUPPORTING STRUCTURE:** R.C./P.R.C./CLAY-CEMENT MIX
- **FINISH:** TILES ON SLATED COVERING (UNDERTILE)
- **SLOPED - INSULATED**

