

# GABLED ROOF

CONCRETE AND MASONRY SUPPORT: COUPLING PANEL – ROOF TILE PROTECTIVE COVER

**Para. 1**

Concrete and masonry sloping foundation.

Before laying the membrane, treat the entire surface of the screed that comprises waterproof, as well as the overlaps, with **PRIMER V 70**, applying this at a rate of 200 ÷ 300 g/m<sup>2</sup>, and in any case using a sufficient quantity to ensure adherence of the waterproof membrane.

**Para. 2**

**A) Vapour control layer (EN 13707)** for environments with relative humidity < 70 % in bituminous and plasto-elastomeric based waterproofing membrane with strengthened surfacing mat **ISOLVAPOR NB VV** (diffusion vapour resistance factor  $\mu > 40.000$ ) full adherence heat stretched and carefully welded to the overlaps.

The particular structure of the upper **ISOLVAPOR NB** face made up of “ashlar” elements linked to the particular bituminous mix, allows for the use of the vapour barrier below the insulating element.

**B) Vapour barrier (EN 13970)** for environments with relative humidity < 70 % in bituminous and plasto-elastomeric based waterproofing membrane strengthened with aluminium embossed foil **ISOLVAPOR NB VV** (diffusion vapour resistance factor  $\mu > 500.000$ ) full adherence heat stretched and carefully welded to the overlaps.

The particular structure of the upper **ISOLVAPOR NB** face made up of “ashlar” elements linked to the particular bituminous mix, allows for the use of the vapour barrier below the insulating element.

**Para. 3**

Insulating support strips.

**Para. 4**

Gutter in length ..... cm, attached to the head strip with nails or screws.

Fastening arm of the gutter attached to the head strip with nails or dowels. Drainpipe in ..... thickness 8/10 mm, diameter ..... cm ..... Leaf trap.

**Para. 5**

Perimeter reinforcement and adhesion angular strip in elasto-plastomer polymer asphalt that is 3 mm thick and reinforced polyester non-woven fabric, torched on in adherence to the gutter on the surface and flapped over on the inside.

**Para. 6**

Insulating system obtained with the continuous coupling of a specific elasto-plastomer polymer bitumen membrane with polyurethane foam panels (**NORDPOL PUR**) or EPS 150 sintered XPS (**NORDPOL EPS**) or self-extinguishing extruded (**NORDPOL XPS**)

The elastoplastomer polymer bituminous membrane (BPP) applied to the panel will be self-protected with chips of slate weighing 4,5 kg/m<sup>2</sup> reinforced polyester. The geometric conditions and trend of local gradients, with one of the following frameworks: staggered transversal joints, angular joints and with joints which are, in any case, properly placed alongside each other and well levelled. The installation of panels on the vapour screen or vapour barrier should be done by carefully placing each panel in juxtaposition to adjacent panels, the panels will adhere effectively and safely to the **ISOLVAPOR NB** for simple heat canvas of the upper ashlar face of the membrane, previously placed on the installation level.

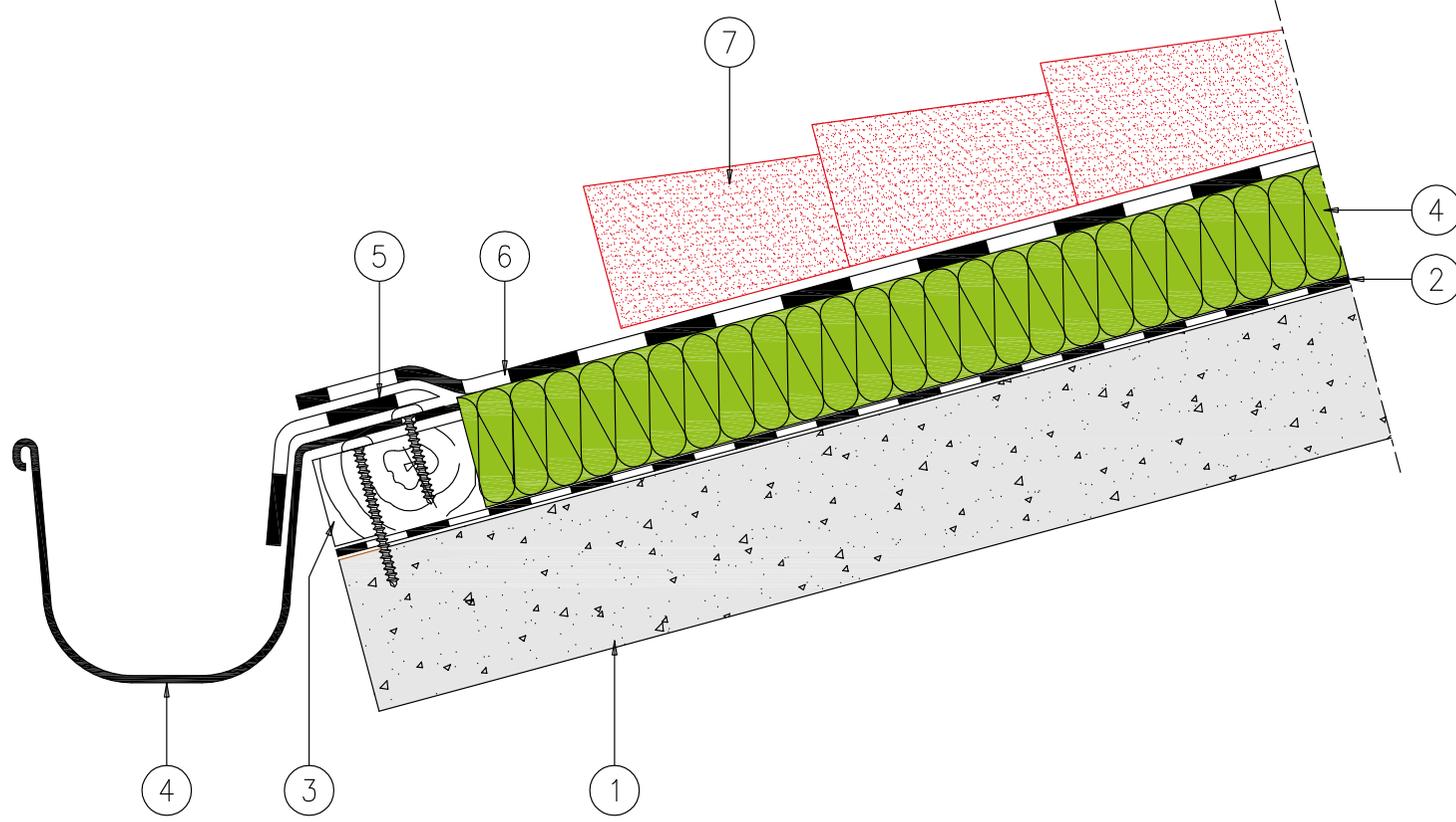
The thickness of the insulating system should comply with current legal standards for energy saving in buildings and should be of a suitable size to avoid a dew point below the vapour barrier.

**Para. 7**

Sealing protective roof tile cover .....  
type ....., dimensions  
..... cm x ..... cm.

**GABLED ROOF**

CONCRETE AND MASONRY SUPPORT: COUPLING PANEL – ROOF TILE PROTECTIVE COVER



1. Support treated with Primer V70
2. Isolvapor NB vapour screen/barrier
3. Mechanically attached wooden profile
4. Mechanically attached gutter
5. Joint strip in elastoplastomer membrane with a thickness of 3 mm
6. Nordpol coupled thermal-insulating element with self-protecting elastoplastomer membrane with chips of slate
7. Shingle or roof tile protective cover