

# NON WALKABLE REVERSE COVERING

CONCRETE AND MASONRY SUPPORT: thermal insulation – gravel ballast

## Para. 1

Masonry and cement support and sloping screed of sand and cement mortar drawn to a straight edge and, if necessary, smoothed using a trowel. Before laying the membrane, treat the entire surface of the screed that is to be made waterproof, as well as the overlaps, with **PRIMER V 70**, applying this at a rate of  $200 \div 300 \text{ g/m}^2$ , and in any case using a sufficient quantity to ensure adherence of the waterproof membrane.

## Para. 2

4 mm thick NB polymer modified bitumen underlayer membrane, (reinforced with spunbound polyester non-woven fabric), installed with full adherence or when the support specifications make it more suitable, in semi-independence subject to a perforated layer of POLYFOR, torched on and carefully welded on the overlaps (minimum overlaying: 80 mm side and 150 mm butt - actual minimum adhesion: 60 mm side and 100 mm butt - for butt joints, a maximum overlapping of three canvases will be allowed) and at the point of all the perimeter details.

## Para. 3

Supply and installation, for heat or hot air canvas, in correspondence with the vertical laps, of a 25 cm high strip of 4 mm thick NB bitumen membrane (see para. 2).

## Para. 4

4 mm thick NB polymer modified bitumen cap sheet membrane, (reinforced with spunbound polyester non-woven fabric) torched on, in a sufficient quantity and in the same direction as the basic membrane but with staggered longitudinal joints (that is, laying the canvases of the 2nd layer straddling the 1st one), completely adhering and carefully welded on the overlaps (minimum overlapping: 80 mm side and 150 mm butt - minimum actual adhesion: 60 mm side and 100 mm butt - for butt joints, a maximum overlapping of three canvases will be allowed) and in correspondence with all the perimeter details.

## Para. 5

Doubling corner element with membrane, with specifications as described above, to waterproof the vertical one that will overlap the horizontal one by at least 10 cm, and welded for thermal-tempering with specific safety or hot air burner.

The height of the vertical one will be equal or greater than 15 cm from the height of the finished flooring.

## Para. 6

**DRENO 200** separation and filtering layer (polyester non-woven fabric of  $200 \text{ g/m}^2$  in rolls) carefully stretched across the finishing membrane (minimum overlaying between the rolls): 100 mm side and butt) and in correspondence with all the perimeter details.

## Para. 7

Closed cell XPS insulating panel, with shutter edges, resistant to compression and to maximum deformation ..... cm thickness depending on the geometric conditions and trend of local gradients, with one of the following frameworks: staggered longitudinal joints, staggered transversal joints, angular joints and with joints which are, in any case, properly placed alongside each other and well levelled.

## Para. 8

**DRENO 200** separation and filtering layer (polyester non-woven fabric of  $200 \text{ g/m}^2$  in rolls) carefully stretched across the finishing membrane (minimum overlaying between the rolls): 100 mm side and butt) and in correspondence with all the perimeter details.

## Para. 9

Monogranular gravel ballast  $\varnothing$  ..... mm, average thickness ..... cm.

## Para. 10

Protection flashing of the membrane peak in ..... with a thickness of ..... mm, length ..... cm, fixed using 1 ..... every ..... cm.

## Para. 11

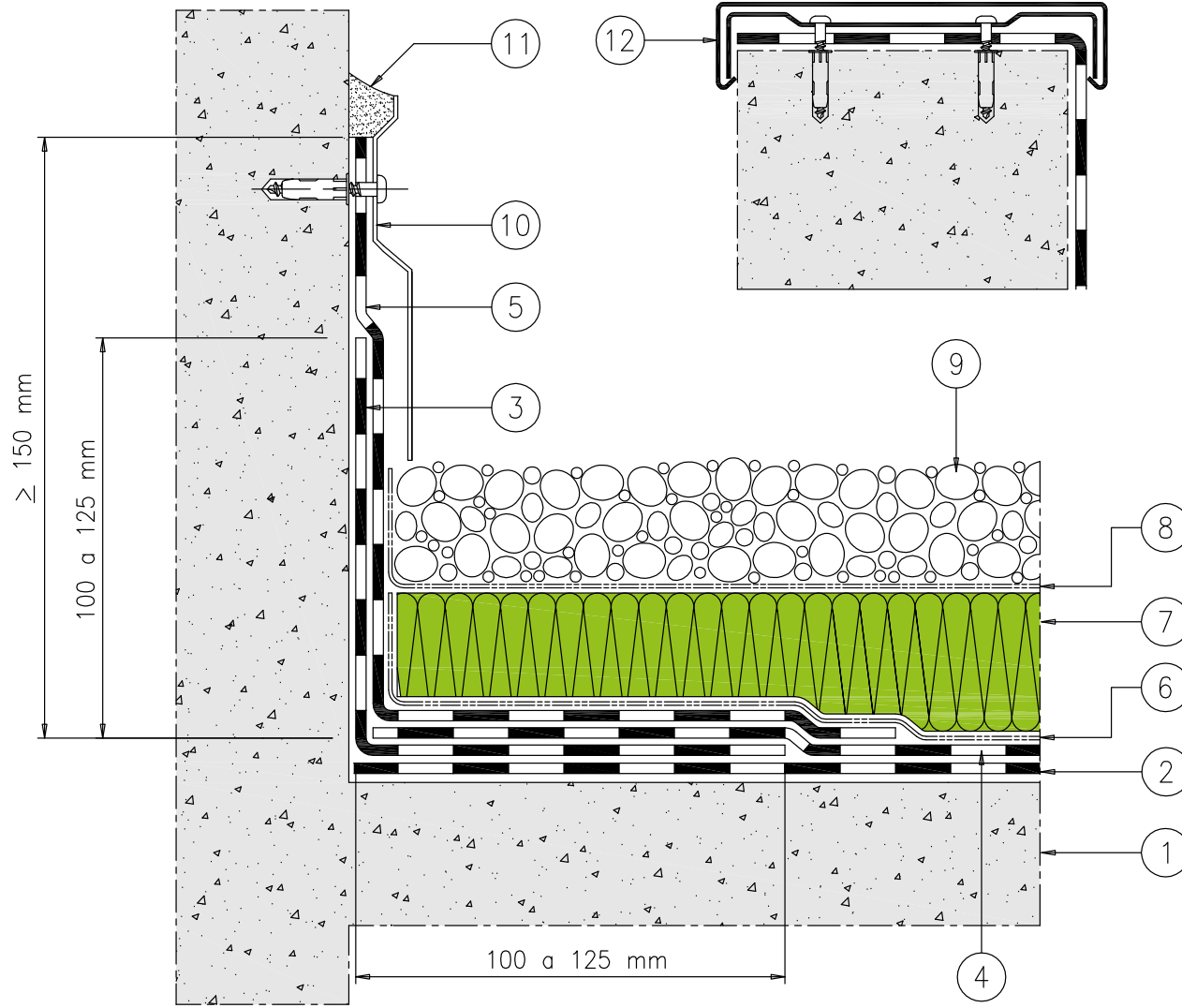
Upper sealing with bituminous mastic.

## Para. 12

Alternatively, flashing or wall coping cover with a thickness of ..... mm, length ..... cm, dripstone on either side, gradient towards the cover, fixed with .....

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1. Support treated with Primer V70
2. NB polymer modified bitumen underlayer membrane
3. NB bitumen membrane corner strengthening strip
4. NB polymer modified bitumen cap sheet membrane
5. Doubling corner made with NB bitumen membrane cap sheet
6. Polyester "TNT" filtering geotextile
7. Heat insulating element in XPS
8. Polyester "TNT" filtering geotextile
9. Ballasted gravel layer
10. Metallic flashing with mechanical fixing
11. Sealing

### Alternatively:

- 11 Wall coping cover