

# FLAT WALKABLE COVER

CONCRETE AND MASONRY SUPPORT: thermal insulation - traditional tile flooring

## 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

Supply and installation of filtering separation layer comprises rot-proof polyester synthetic non-woven fabric, staple punched with a weight of approximately  $300 \text{ g/m}^2$  and applied dry with the overlaps overlaying in a simple fashion for 15 cm.

## Para. 7

Closed cell XPS insulating panel, with shutter edges, resistant to compression and ..... to maximum deformation, thickness in ..... cm available 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

Protection element with perimeter lap with a compressible XPS element that is 2 cm thick. Fixed with suitable glue.

## Para. 9

Separation layer in LDPE polyethylene film, that is 20/100 mm thick, dry applied with overlaying laps of 15 cm. The layer will lap for a height greater than the thickness of the finished flooring.

## Para. 10

Sand and cement screed (if necessary with added non-shrink or rubber latex) with an average thickness of 4 cm, reinforced with galvanised steel frame; interposition of a suitable synthetic profile or post-hardening milling.

## Para. 11

Freeze proof tiled flooring ..... for outside ..... cm x minimum thickness in mm ....., laid with mortar or specific glue; width of spacing between tiles ..... mm, plastering and grouting of joints between tiles with special cement mortar for spacing type ....., colour ....., dilation joints, 1 each  $\text{m}^2$  ..... min. .... max.

## Para. 12

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

## Para. 13

Upper sealing with bituminous mastic.

## Para. 14

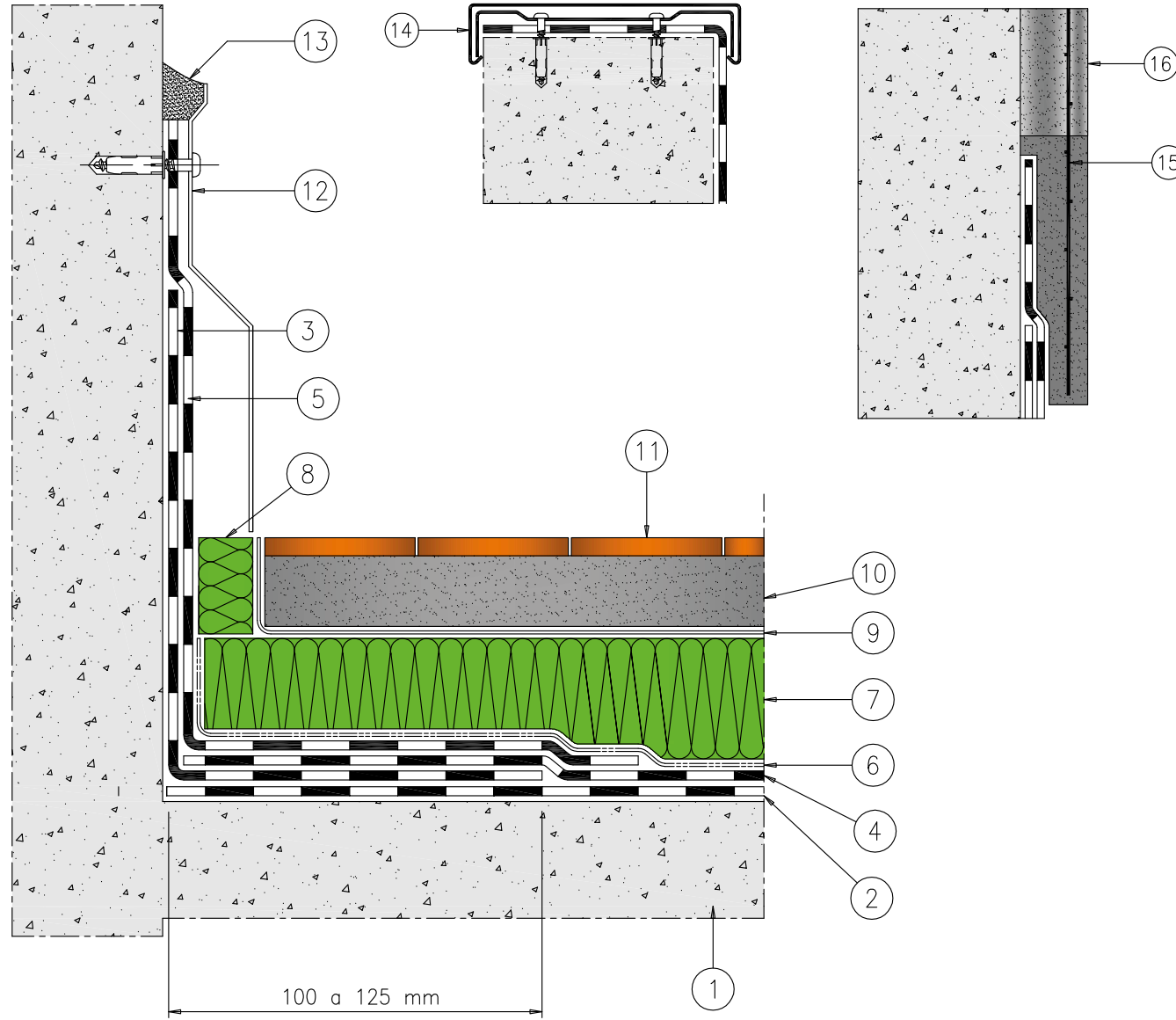
Alternatively flashing or wall coping cover with a thickness of ..... mm, length ..... cm, dripstone on both sides, sloping towards the cover, fixed with .....

## Para. 15-16

Alternatively, plaster bearing net and plaster finish with membrane lap protection.

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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. Compressible element of perimeter protection
9. "LPDE" polyethylene film
10. Screed coat
11. Glued flooring
12. Metallic flashing with mechanic fitting
13. Sealing

**Alternatively:**

14. Wall coping cover

**Alternatively:**

15. Plaster bearing frame
16. Plaster