ROOF GARDEN

CURRENT SECTION

Para. 1

Supporto in latero cemento e massetto di pendenza in malta 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 comprises waterproof, as well as the overlaps, with ***PRIMER V 70***, applying this at a rate of 200 ÷ 300 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, reinforced composite), torched on in complete adherence and carefully welded to the overlap (minimum overlapping: 80 mm side and 150 mm butt - actual minimum adhesion: 60 mm side and 100 mm butt - for butt joins, a maximum overlapping of three canvases will be allowed) and in correspondence with 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 ***ITER ANTIRADICE***, finishing waterproof membrane, (BPP elastoplastomer polymer bituminous membrane reinforced with spunbound polyester non-woven fabric) heat bonded, with sufficient abundance and in the same direction as the basic membrane but with staggered longitudinal joins (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 joins, 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 upper finishing of the cover.

Para. 6

Drainage separation element on the flat and on the vertical ones up to metallic flashing of the protection and drainage layer made up of a drainage structure in plastic, polyester or polypropylene filaments with pointed structure and high vacuum index, coupled with two filtering layers in felt, polyester and polypropylene non-woven fabric. Thickness ..... mm.

Para. 7

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

Para. 8

Upper sealing with asphalt mastic.

Para. 9

Substrate of culture with high water retention capacity, free of toxic substances and harmful micro-organisms, maximum compression ..... %, enriched with ..... pH, thickness ..... cm, water saturation weight kg/m^2 ..... vegetation.

Para. 10

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

Indications

The drainage pipe coupling will be produced in a preshaped bituminous membrane resistant to low temperatures and compatible with any bituminous membrane, with a diameter suitable for drainage.

If possible, create a hollow in the base measuring approx. 50x50 cm and 5 cm in depth".

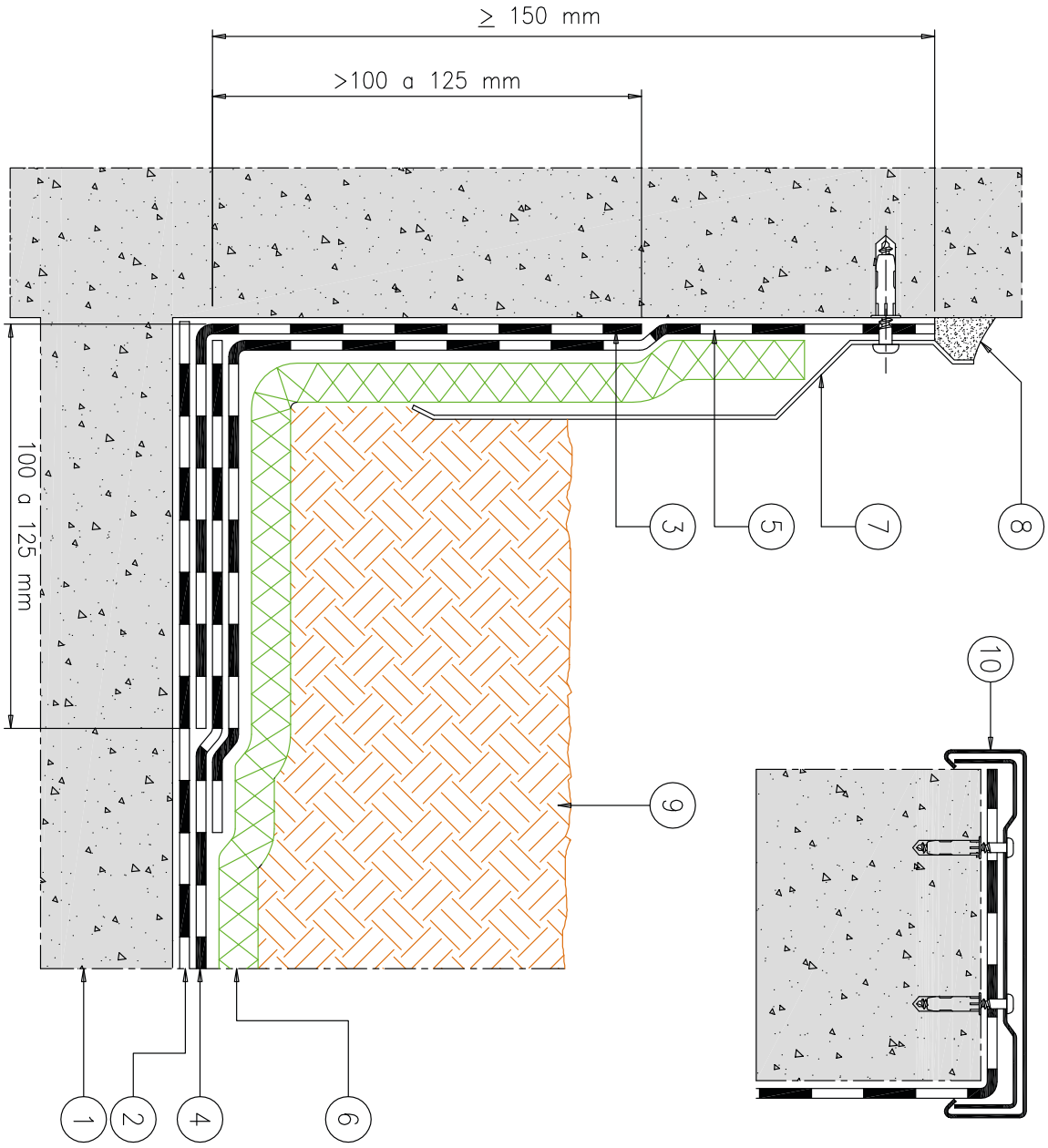
Supply and installation of polyethylene leaf / gravel trap resistant to ultraviolet rays, to protect the drainage pipe.

The drainage manholes will be placed in line with the drains, designed in full bricks with Quincunx lay out, leaving free passage between one element and another for water, so that rain or irrigation water can flow freely and safely.

The manhole will be covered with synthetic filtering non-woven fabric and will be completed with a grated manhole cover.

ROOF GARDEN

CURRENT SECTION



1. Support treated with Primer V70
2. NB polymer modified bitumen underlayer membrane
3. NB bitumen membrane corner strengthening strip
4. 4 mm Iter Antiradice
5. Doubling corner made with 4 mm Iter Antiradice
6. Perforation proof drainage element
7. Metallic perimeter protection flashing with mechanical fitting
8. Sealing
9. Growth medium

Alternatively:

10. Wall coping cover

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