

PASSABLE WALKING LEVEL

CEMENT SUPPORT: with no thermal insulation – asphalt concrete

Para. 1

Cement - 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 $200 \div 300 \text{ g/m}^2$, and in any case using a sufficient quantity to ensure adherence of the waterproof membrane.

Para. 2

5 mm thick basic waterproof membrane *ITER ROUTE*, (elastoplastomer polymer bituminous membrane BPP reinforced with spunbound polyester non-woven fabric weighing no less than 250 g/m^2) heat installed, completely adhering and carefully welded to 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 at the point of all the perimeter details.

Para. 3

Supply and installation, for heat or hot air canvas at the point of the vertical laps, of a 25 cm high strip of 5 mm BPP membrane.

Para. 4

5 mm thick *ITER ROUTE*, finishing waterproof membrane, (BPP elastoplastomer polymer bituminous membrane reinforced with high resistance spunbound polyester non-woven fabric) weighing no less than 250 g/m^2 torched on, in 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 - actual minimum 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

Asphalt concrete wearing course that is cm thick, stretched and vibration compacted. Supply and installation of a fixed protective layer of asphalt concrete (binder) with distilled bitumen, inert base of 5-15 mm granulometry plus filler, with dosage and composition suitable for passage, stretched directly onto the sealing layer, with no interposition, using a vibrating paver machine, rubberized and pressed with roller.

Asphalt concrete flooring thickness in mm.

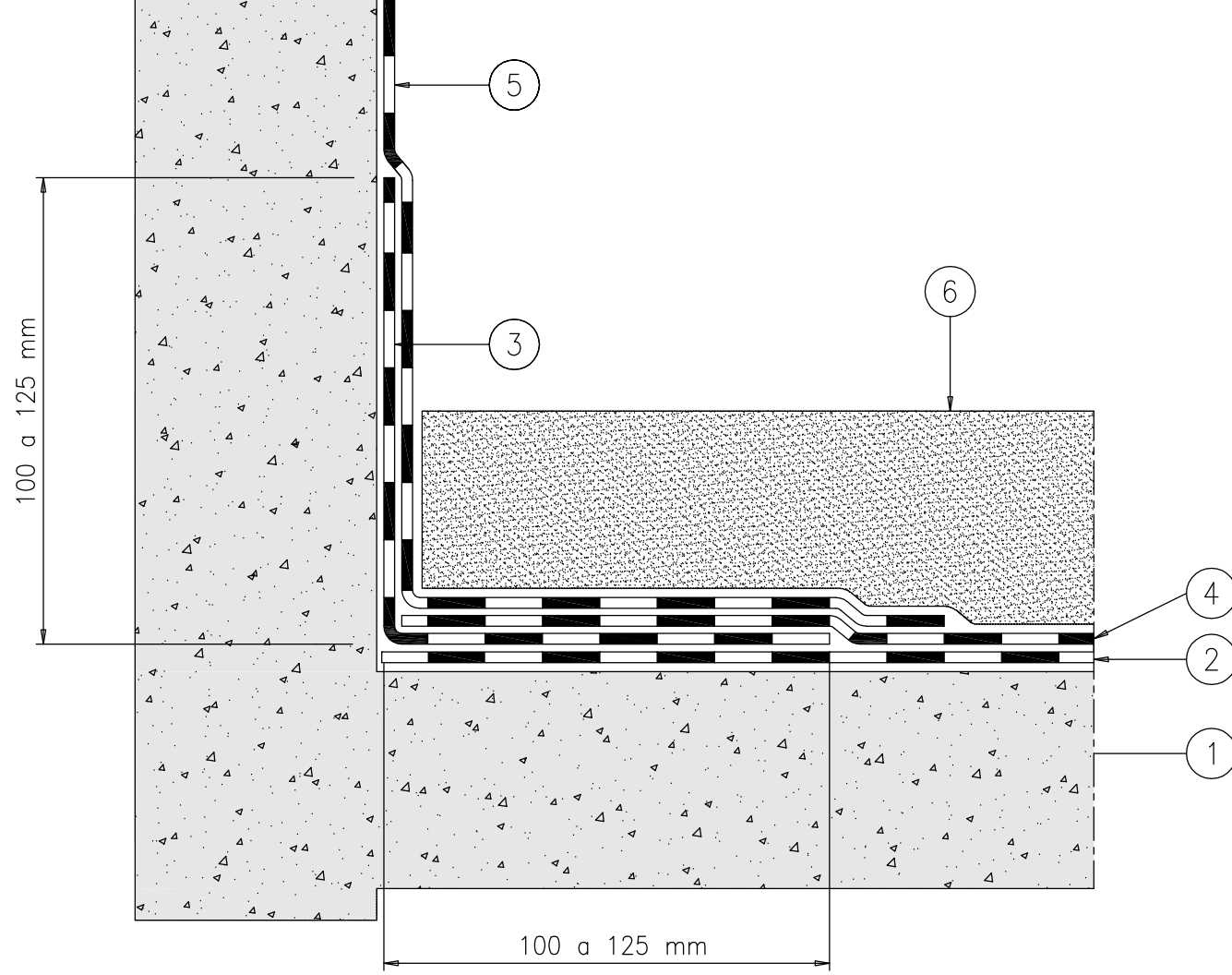
Warning

In order to prevent the risk, even if a remote one, of perforating the membrane, as a result of the stamping of unsuitable aggregates found in the covering asphalt concrete when being laid and rolled out, it is essential that the cement is at least 6 cm thick when applied and that the component aggregates are polyhedric in shape (form index >3), with a complete absence of flat or lengthened elements and a maximum dimension of 10 mm. In the case of cement thicker than 8 cm, bearing in mind the form index, the maximum dimension of the stone aggregate can be 14 mm.

The resistance to puncturing by the membrane exposed to compacting of an asphalt concrete layer, is set out in standard EN 14692 (method 1 and method 2).

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1. Support treated with Primer V70
2. 5 mm Iter Route base membrane
3. 5 mm Iter Route corner strengthening strip
4. 5 mm Iter Route finishing membrane
5. Doubling corner made with Iter Route 5 mm
6. Asphalt concrete