

PASSABLE WALKABLE COVERING

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 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

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

Para. 3

5 mm thick waterproof membrane **THERMAL ADHESIVE ITER ROUTE** (BPP elastoplastomer polymer bituminous membrane reinforced with highly resistant spunbound polyester non-woven fabric, with a weight no less than 250 g/m^2), with a base of distilled bitumen and special polymerisation that provide the waterproofing mass of the lower face with thermal-adhesive power.

The waterproofing mix of the upper face allows for heat to be transferred quickly. The thermal adhesive waterproofing mass allows for the dry product to be laid.

The **THERMAL ADHESIVE ITER ROUTE** is specifically designed for the construction of bridges, viaducts, car parks and for all the applications where asphalt concrete flooring is required.

The reinforcement comprises spunbound polyester non-woven fabric with high grammage and extremely high mechanical specifications.

The membrane's upper face is protected by non-woven polypropylene fabric.

The lower face has a removable thermal-plastic film.

Place it on dry and take care when removing the film from the lower face. Make side overlappings of at least 10 cm, taking care to remove the selva found on the upper face.

Weld the butt selvages for heat tempering with a specific safety or hot air burner (Leister). The butt joints should measure 15 cm.

This kind of application ensures complete adhering to the support with indirect thermal-activation exploiting the temperature of the asphalt concrete.

Para. 4

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. 5

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.

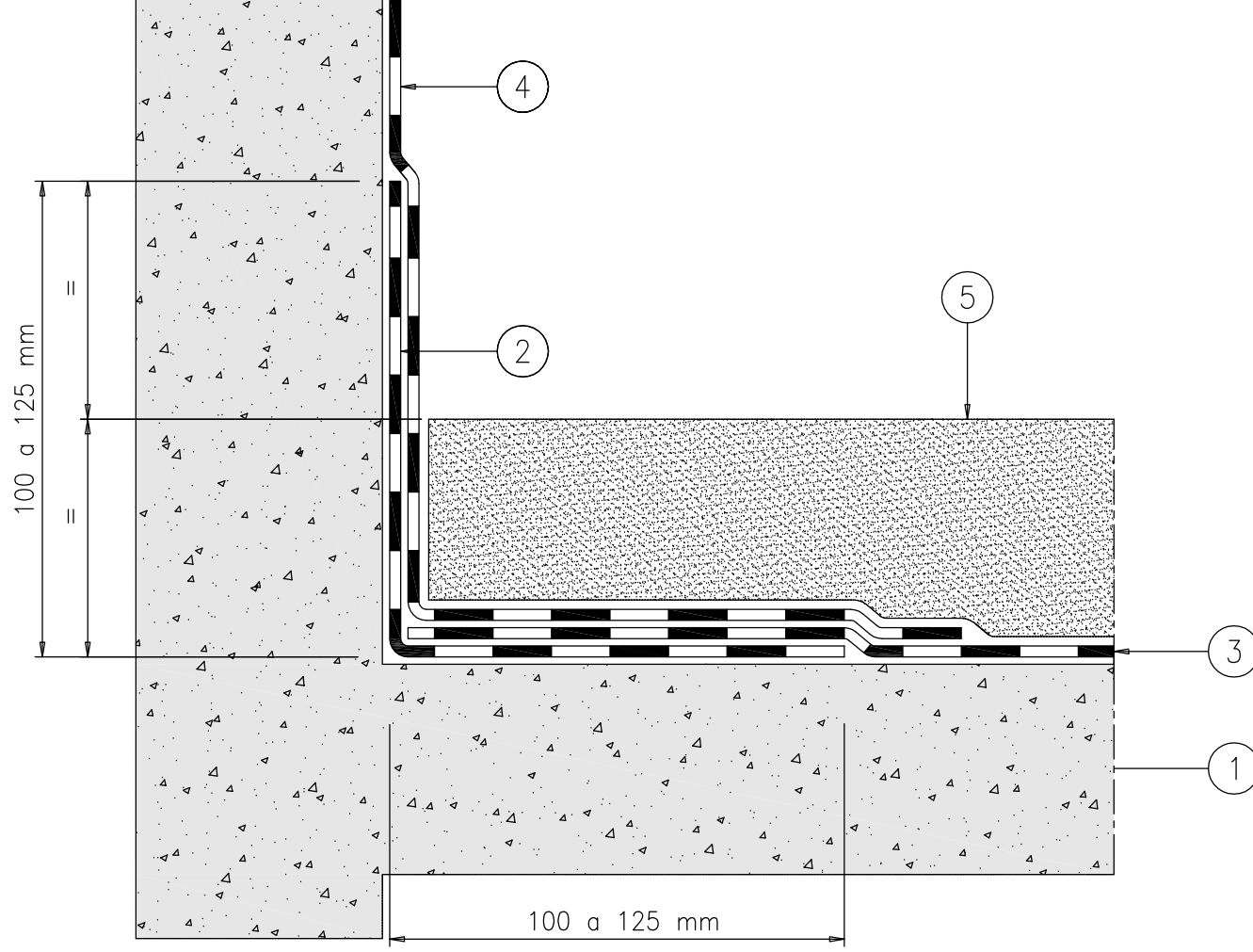
Warning

In order to prevent the risk, however remote, of perforating the membrane, as a result of the stamping of unsuitable aggregates found in the covering asphalt concrete when laid and rolled out, it is essential that the concrete 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 that is 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 of the membrane exposed to compaction 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. Corner strengthening strip created with 5 mm Thermal-adhesive Iter Route
3. Thermal adhesive Iter Route 5 mm membrane
4. Doubling corner made with Thermal adhesive Iter Route 5 mm membrane
5. Asphalt concrete