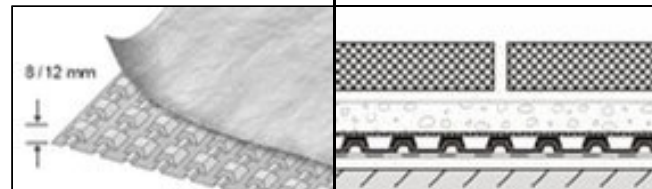
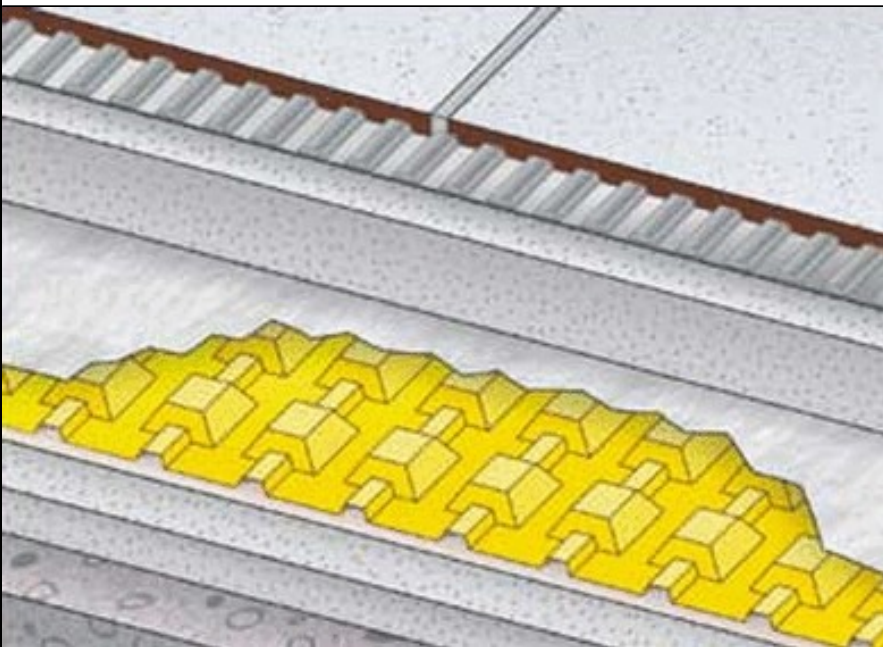


Floor drainage



THE PROBLEMS

1. Water accumulation

Defects and uneven areas in the in the surface covering, faults in the gradient in overlapping sections of the substrate can result in accumulations of water underneath the floor covering.

2. Pressure from above

Tiling used for commercial purposes is often subjected to heavy mechanical loads, for example, from forklift trucks.

3. Frost and heat

Ceramic tiles installed outdoors, such as on balconies and terraces, can be subject to high thermal stress which, in the long term, can damage the tiles.

THE SOLUTION

DURABASE DD is a very rigid, pressure-resistant, closed polypropylene membrane possessing a napped texture lined with fleece. The napped side, which is furnished with the fleece adjoins the floor covering. This allows very high levels of water drainage. The special design of the drainage channels also enables water to be channeled off below the mat (a double drainage action). The material is rot-proof and resistant to aging. Surplus material can be disposed of within normal household waste.

PRODUCT CHARACTERISTICS

Used in conjunction with floor tiles, DURABASE DD is especially suitable for sealing not only large surfaces such as those required at swimming pools and industrial premises, but also balconies and terraces. DURABASE DD forms efficient drainage channels between the sealant layer and the overlaying floor covering. Moisture, which seeps through the floor covering, is drained effectively by the napped texture. For this to occur, however, a sub floor with a constant gradient is required. The special design and configuration of the drainage channels also allows water to be channeled off below the mat (Double drain).

The clearance between the napped track and fleece fabric creates an air cushion, which provides sound and thermal insulation properties, protects the sealant layer against thermal loads and ensures an even load distribution.

INSTALLATION

The covering on the mat can have a wide variety of compositions. Possible constructions include those comprising screeds with or without tiles, slabs, packed gravel or chippings, and earth. A prerequisite for drainage of water from the sealant layer is a substrate with adequate gradient.

1. DURABASE DD is positioned loosely, fleece facing upward, on the sealant layer.
2. Joints are overlapped with protruding fleece.
3. After that, the floor covering is installed in accordance with generally accepted engineering guidelines.

Data sheet

Material / Thickness / Colour	Roll width / Roll length	Installation height
Polypropylene / 0,5 mm / yellow	1.000 mm / 15 m	8 mm / 12 mm

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