

Since the usage and finishing of the product is not under our control, we accept no liability for the success of the work and can therefore only guarantee the nature of our products as per the accompanying product data sheets and in accordance with our general terms and conditions of sale. The properties listed here represent no guarantee with respect to the eventual use of our products. We reserve the right to make changes due to technical advances. Any other technical information given in the course of a consultation must be confirmed in writing. Colours shown here are restricted by the printing techniques and may differ from those exhibited by the products themselves. We also reserve the right to make alterations to the product technology or design. Only the current version of this data sheet is valid. Such versions are accessible by anyone via the internet. The issue of the latest data sheet invalidates all those that have been published beforehand.

DURABASE DD 80++

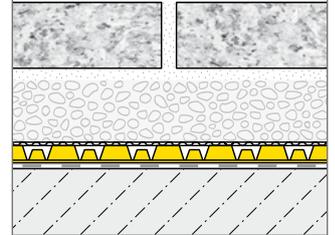
1/2

Drainage mats for highly water-permeable flooring structures in outdoor areas

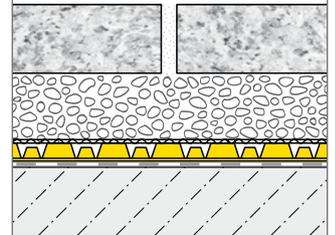
- Product Information -



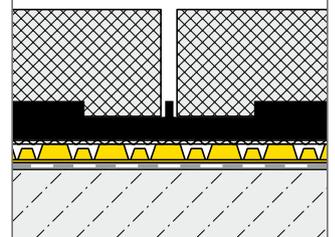
Installation below drainage screed



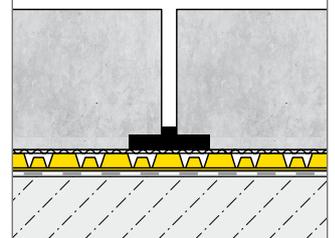
Installation in gravel / chipping beds



Installation with stilt bearings



Direct installation



THE PROBLEMS:

Accumulation of water

As a result of faults in the sealing gradient, such as increases in the overlapping area or unevenness, water can accumulate below tiled surfaces.

Frost and heat

When ceramic flooring is laid in outdoor areas, such as balconies or terraces, tiled surfaces are exposed to high thermal loads, which can lead to long-term damage in the surface structure.

Cracks in the flooring structure

Cracks cause high levels of moisture penetration and eventually even detachment of the tiles, cavities, efflorescence and fracturing of the joint structure.

THE SOLUTION:

DURABASE DD 80++ is an extremely robust, closed polypropylene membrane which is extremely dimensionally stable and has a dimpled structure with a special mesh fabric laminated onto the upper side. The dimpled side with the mesh fabric which supports the tiled structure works as a drain with exceptional drainage capacity. The conical dimples and their varying heights facilitate adequate drainage, even at high volumes. The material is age and rot resistant and any residue can be disposed of in the normal household waste.

DURABASE DD 80++ allows for an extremely flexible choice of flooring or surface construction, thereby offering a high degree of adaptability to the respective building.

- Installation below drainage screed
- Installation in gravel / chipping beds
- Installation with stilt bearings
- Direct installation

DURAL GmbH

Südring 11

D-56412 Ruppach-Goldhausen

Tel. +49 (0) 2602/9261-0

Fax +49 (0) 2602/9261-50

info@dural.com

Drainage mats for highly water-permeable flooring structures in outdoor areas

- Product Information -

PRODUCT PROPERTIES:

DURABASE DD 80++ is ideal for use in combination with tiles and with natural stone and concrete slabs, creating the large surface drainage areas which are essential for balconies, terraces, parking areas, pavements and swimming pools etc. DURABASE DD 80++ delivers effective drainage between the structural waterproofing and the surface structure laid over it, rapidly drawing away moisture via the drainage surface created by the dimples. The special arrangement of the dimples, which have varying heights of 6 and 8 mm, guarantees a sufficiently large and permanent drainage area, even for high water volumes. The spaces between the dimples and the mesh fabric also help the surface construction to dry out quickly. This provides excellent protection of the seal from thermal and mechanical loads.

INSTALLATION (quick guide):

Structural waterproofing, which has been selected to satisfy the requirements of the building, for example DURABASE WP++ and a minimum gradient of approx. 2% to drain the sealing level, must be in place prior to installation. It is not possible to lay tiles directly onto DURABASE DD 80++ using the thin-bed procedure.

1. The professionally prepared subsurface must be level, able to bear weight and free from any components that could damage the structural waterproofing. Any possible corrections required to produce an adequate gradient must be carried out before laying the DURABASE DD 80++ matting.
2. Lay the cut-to-size pieces with the mesh fabric facing upwards loose onto the structural waterproofing. The matting can be laid in any direction.
3. Bond the mats together at the joint producing shear resistance using DURABASE WP self-adhesive mesh fabric tape.
4. Wall connections can be sealed using DURABASE WP++ sealing tape as required. Inward and outward facing corners must be produced using the corresponding DURABASE FLEX corner pieces.
5. Then apply the selected flooring structure, taking into account the respective specific technical regulations.

N.B.:

Please refer to our detailed installation instructions online at www.dural.com.

The generally recognised rules of good engineering practice must always be observed!

The following applies to all products/materials: suitability with respect to mechanical and chemical stresses must be checked carefully prior to installation of the mats.

Protect the material from long periods of exposure to sunlight.

PRODUCT DATA:

| | |
|-----------------------------|---|
| MATERIAL: | Polypropylene / PP mesh fabric |
| MAT HEIGHT: | 8 mm |
| ROLL WIDTH: | 100 cm |
| ROLL LENGTH: | 12,5 m |
| MAT COLOUR: | Yellow / mesh fabric light |
| SPECIAL PRODUCT PROPERTIES: | Horizontal water drainage capacity 0.31 l |
| TEST CERTIFICATES: | Water drainage capacity SKZ Würzburg |
| STORAGE: | Store in a dry place, away from sunlight |



DURAL GmbH
Südring 11
D-56412 Ruppach-Goldhausen
Tel. +49 (0) 2602/9261-0
Fax +49 (0) 2602/9261-50
info@dural.com