

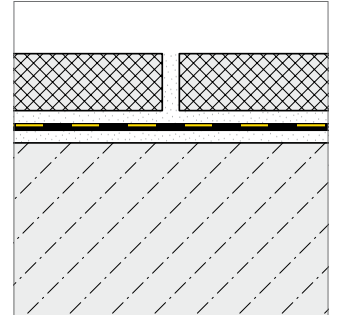
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# DURABASE WP++

1/2

## The matting system for composite sealing and decoupling in indoor and outdoor areas

- Installation Instructions -



### GENERAL:

Please refer to our DURABASE WP++ Product Information leaflet. This leaflet is available online at [www.dural.com](http://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.

DURABASE WP++ has been tested as a sealing material for use in conjunction with tiled and slab flooring for the waterproofing of buildings against non-pressing water under a high load, e.g. wet rooms in public and private buildings. Information on suitable system components is available on request.

### INSTALLATION INSTRUCTIONS:

1. The floor making up the foundation must be dry and free of any material that would impair adhesion. It must be level, able to bear weight and free from cracks. Any possible corrections must be carried out prior to the installation of DURABASE WP++. The installation subsurfaces can be pretreated with a suitable primer as required. For cement screeds, a residual moisture level of less than 2 wt % is applicable, and for calcium sulphate screeds, less than 0.5 wt %. In addition, the regulations of the ZDB (German Construction Industry) Information sheet „Composite Seals“ apply to substructures and foundations.
2. Use a 4 x 4 mm serrated trowel to apply the thin-bed or flexible mortar to the subsurface. The adhesive should be chosen according to the subsurface type. The adhesive must bond and mechanically join to the carrier fabric of the DURABASE WP++ matting. With most subsurfaces, it is possible to use a hydraulic-setting flexible mortar, or a fast-setting flexible adhesive in accordance with DIN EN 12004 / C2.

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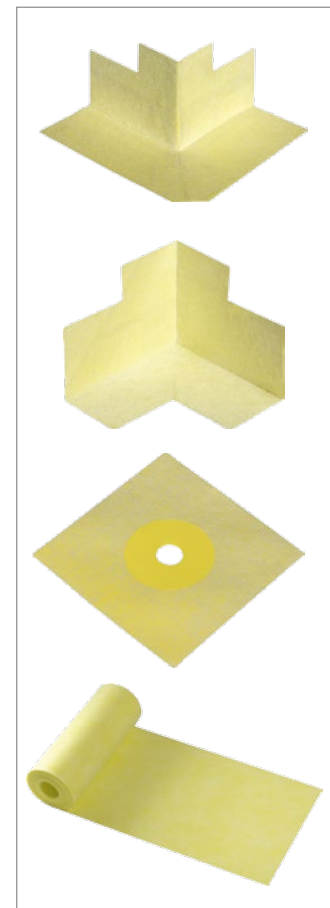
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3. Embed the entire surface of the black fabric underside (facing downwards) of the cut-to-size strips into the adhesive. Bordering pieces should be laid over the joint. Here, pay attention to the adhesive bonding time. Then press down using a smooth trowel or the smooth side of a serrated trowel. Make sure you run the smooth side of the trowel over the matting at an angle, applying pressure in order to force out any air pockets. Lay the matting onto the junction and secure using WP sealing tape to produce a watertight bond. Loose laying of the WP++ mats is not possible.
4. Seal transitional areas between walls and floors with WP++ sealing tape. Seal inward and outward facing corners, as well as pipe connections, using DURABASE FLEX customised prefabricated moulded parts, making sure to bond these across the entire surface area to the subfloor, sealing layer or penetrations.
5. For wall applications, tiles can be laid immediately after adhesion of the DURABASE WP++ matting using the thin-bed procedure and thin-bed mortar which fulfils the requirements of the surface covering. With most subsurfaces, it is possible to use a hydraulic-setting flexible mortar, or a fast-setting flexible adhesive in accordance with DIN EN 12004 / C2. For use with flooring, laying of tiles is not possible until the adhesive has hardened sufficiently. The usual rules for laying tiles should be observed, i.e. the thin-bed or flexible mortar should be applied using a suitably sized serrated trowel.



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