

Technical Data Sheet



decoupling systems
DimaMat®



System membrane for water- proofing in a bonded system - Bonded waterproof membrane

for tile and natural stone coverings,
with comprehensive range of system
components

At a glance

System membrane

- Guaranteed uniform layer thickness in one operation
- Fastest possible installation
- Perfect processing due to low installation torque

Innovative product technologies

- Best adhesion of the fleece due to new "Bond-Vlies" technology
- System tapes and corners with innovative "Flex" technology

Comprehensive range of system components

- Sealing tape with "Flex" technology
- Sealing corners as inside corners and outside corners with "Flex" technology
- Wall sleeves

Versatile system adhesive

- System adhesive DimaSeal® MDS-DK 2 for bonding membranes, joints, transitions and wall sleeves

Technical Data Sheet

Technical information and data

Adhesive strength/adhesive pull of the adhesive and the sealing membrane to the substrate

Tile adhesive of C2 class according to EN12004	At least 0.2 N / mm ²
DimaSeal® MDS-2K or MortaColl® MUK2K	At least 0.3 N / mm ²

Weight per unit area

approx. 290 g/m²

Delivery sizes

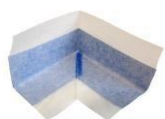
1 carton approx. 1.10m/0.2m/0.2m; approx. 9.5 Kg	1 roller with 1 m x 30 m corresponds to 30 sqm
---	--

System accessories



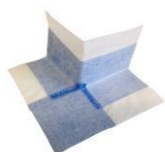
DimaMat® VDB AB-X 120

Sealing tape for the composite sealing membrane in FLEX design. You will find further technical information and instructions for application in the installation brief.



DimaMat® VDB AB-X/IE 120

Sealing tape for the composite sealing membrane in FLEX design as a prefabricated inside corner. For further technical information and instructions for installation, please refer to the Quick Installation Guide.



DimaMat® VDB AB-X/AE 120

Sealing tape for the composite sealing membrane in FLEX design as a prefabricated outer corner. For further technical information and instructions for installation, please refer to the Quick Installation Guide.

Technical Data Sheet

DimaMat® VDB WM-X 120



Wall sleeve for the composite sealing membrane in FLEX design as a prefabricated drainage pipe wall sleeve with prefabricated pipe cut-out with 18 mm diameter. Further technical information and instructions for installation can be found in the Quick Installation Guide.



DimaSeal® MDS-DK 2

High-quality, flexible, mineral 2-component sealing slurry for sealing joints and transitions to sealing strips and sleeves in the DimaMat® VDB system for interior use and as a sealant for balconies, stairs and outdoor terraces in contact with the ground. Further technical information and instructions for application can be found in the Quick Installation Guide and in the DimaSeal® MDS-DK 2 Technical Data Sheet (TDS).

Substrate requirements and application instructions

The substrate must be dry, even, load-bearing, clean and dust-free. Cavities may have to be filled.

Slopes and larger/higher levelling work must be carried out in the layers below the DimaMat® VDB.

The surface temperature as well as the material temperature should be between +5°C to +25°C during installation.

Brief installation instructions

1. Cut the strips of DimaMat® VDB to size and lay them out. Ensure sufficient butt overlap (min. 5 cm) on wall surfaces. Also cut the DimaMat® VDB AB-X 120 sealing tapes to size for transitions from wall to wall and from wall to floor and lay them out ready. Prepare the appropriate number of external and internal DimaMat® VDB AB-X/IE 120 and DimaMat® VDB AB-X/AE 120 corners. If necessary, prepare wall sleeves DimaMat® VDB WM-X 120. Mix DimaSeal® MDS-DK 2. 2.
2. First seal the floor as follows:
For example: apply DimaSeal® MDS-DK 2 to the substrate with a notched trowel (recommendation 3 x 3 mm or 4 x 4 mm) and embed the cut-to-size strips of DimaMat® VDB fully into the applied adhesive. The smooth side of a trowel or trowel is suitable for bubble-free pressing.
The pressing must be completed within the open time of the adhesive.
Apply the next strip with a sufficient overlap of at least 5 cm as described above and finish the joint again with DimaSeal® MDS-DK 2 or, in the case of a direct joint, apply a full coat of DimaSeal® MDS-DK 2.



Technical Data Sheet

Continue in this way until all floor surfaces are sealed.
Then seal all wall surfaces as described above.

3. After all sheets have been bonded horizontally and vertically, apply DimaSeal® MDS-DK 2 to the corners facing the floor with a notched trowel and bond the prepared inner and outer corners without bubbles. Make sure that the adhesive is not applied too thickly in order to avoid unnecessary height build-ups.
4. Now apply DimaSeal® MDS-DK 2 to the vertical and horizontal corner joints with a notched trowel and glue in the prepared sealing tapes bubble-free. Make sure that the adhesive is not applied too thickly in order to avoid unnecessary height build-ups. Also ensure sufficient overlap to the inner and outer corners.
5. After completion of the waterproofing work, the surface is ready for tiling.

STBS Bausysteme GmbH & Co.KG

Philipp-Reis-Straße 8
64404 Bickenbach

Telephone +49 6257 99887-0

Fax +49 6257 99887-29

E-Mail info@stbs-bausysteme.de

The working conditions at the construction site and the applications of our products are very different. In the technical data sheets we can only give general processing guidelines. These correspond to our present state of knowledge. Planners and processors are obliged to check the suitability and application for the intended purpose. For applications that are not explicitly mentioned in the technical data sheets, planners and processors are obliged to consult the application technology of STBS®. If the processor uses the product outside the scope of the Technical Data Sheet without first obtaining the advice of STBS® Application Engineering, he is liable for any resulting damage. All descriptions, drawings, photographs, data, ratios, weights, and the like available herein are subject to change without notice and do not represent the contractual nature of the product.

Any property rights as well as existing laws and regulations are to be observed by the recipient of our product in their own responsibility. The mention of trade names of other companies is not a recommendation and does not preclude the use of other similar products unless they have been qualified for use with our products in the system. Our information merely describes the nature of our products and services and does not constitute a guarantee. A guarantee of certain properties or the suitability of the product for a specific application can not be derived from our information. Incomplete or incorrect information in our information material is only liable for gross negligence (intent or gross negligence); any claims arising from the Product Liability Act remain unaffected.