

# Technical Data Sheet



decoupling systems

**DimaMat®**



## Multifunctional self-adhesive decoupling mat for tile and natural stone coverings, as well as leveling layers

DimaMat® SPZ 1 is a multifunctional, self-adhesive decoupling mat with the latest bi-compound technology. With the lowest construction height and the highest decoupling performance, it can be used for the highest load ranges. The underside special adhesive coating of the decoupling additionally improves room and impact sound values. Thanks to the self-adhesive bottom, the laying speed is many times faster than with conventional decoupling mats glued with tile adhesive.

### Properties

- Lowest construction height - only 1.2 mm
- Low adhesive mortar consumption
- Best decoupling properties
- Fastest installation possible - as self-adhesive and can be walked on and loaded immediately after installation
- No hollow sound
- Bridging of expansion joints possible
- Moisture protection for the underground
- With patent pending "Bi-Compound Technology"
- Incl. certificate
- With 3 cm one-sided overlap
- The laying of the covering can be started immediately, no drying times
- Crack bridging of up to 8 mm (without demolition of the substrate)
- Very good adhesion of tiles to DimaMat® SPZ 1

### Field of use

- Can be processed on almost all substrates, if necessary with pre-treatment (priming / filling, etc.)
- Perfect for large-sized coverings, even with underfloor heating
- Ideal in the construction-height-critical renovation area: does not wear, increases body-work by adhesive is eliminated
- Also suitable for tiling with mosaic of 20 x 20 mm
- Suitable for high pressure loads such as Industrial areas, Car Warehouses, etc.
- For decoupling the flooring from wood substrates as well as magnesia, mastic asphalt and anhydrite screeds

# Technical Data Sheet

## Technical notes and data

Adhesion / adhesion of the adhesive matrix to the substrate

Based on AFERA 5001

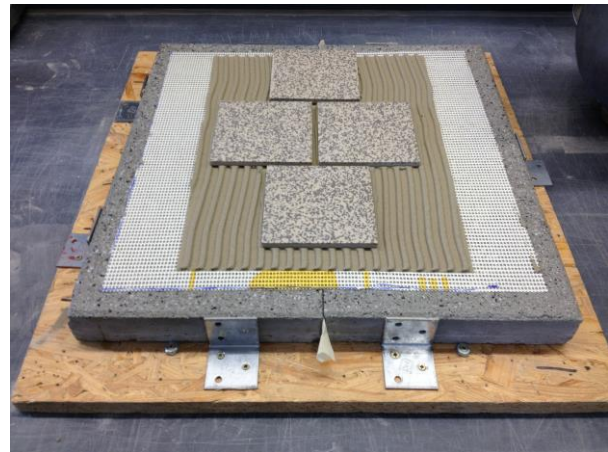
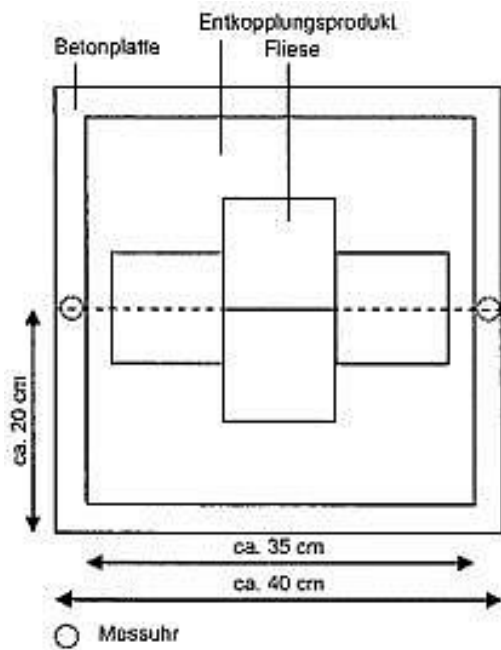
min 30 N/25 mm

Contact time: 1 h

The layer separation takes place during the adhesive tension test below the adhesive matrix.

## Decoupling effect

Tested according to the specifications of the FDF leaflet "Testing the crack bridging of :



The tester gene showed a decoupling effect of up to 8 mm, without demolishing the mat from the substrate and other damage to the joint or tile.

## Viskoelasticity

The lattice structure of DimaMat® SPZ 1 in the adhesive matrix causes the adhesive layer after deformation to return to its original shape and layer thickness. This enhances the viscoelastic property of the adhesive layer.

## Grammage

ca. 850g/qm

## Packsizes

1 Pack ca. 1,10m/0,2m/0,2m; ca. 20kg

1 roll à 1m x 20m = 20 m<sup>2</sup>

# Technical Data Sheet

## Substrate specifications and processing instructions

The substrate must be dry, even, load-bearing, clean and dust-free. Voids may need to be filled out, if necessary the primer DimaSeal® PRM-PP is applied for dust binding.

Gradients and larger / higher leveling work are to be formed in the layers below the DimaMat® SPZ 1.

The surface temperature and the material temperature should be between +10 ° C and +25 ° C during installation.

In the case of heavy traffic loads (for example in commercial areas), the tiles must have sufficient tile thickness and pressure stability for the respective application area. In order to achieve a suitable covering, the instructions and tile thicknesses in accordance with the valid ZDB leaflet "Mechanically high-strength ceramic floor coverings" must be observed.

DimaMat® SPZ 1 can also be applied to the wall; if necessary, anchoring anchors must be used to reinforce the fastening. Likewise, DimaMat® SPZ 1 can also be used outdoors, depending on the application, and our application technology is happy to assist you.

## Installation Quick Start Guide

1. For application in a corner or on a wall, the silicone foil is removed to approx. 20 cm and DimaMat® SPZ 1 is glued directly into the corner with the self-adhesive side, so that unrolling parallel to the wall is possible.
2. Once fixed to the ground, depending on the area, roll about 1 m from the roll, fix it with the foot or knee, and peel off the silicone film under the mat on the fixed section.
3. The procedure continues until the entire width of the room has been taken into account with consideration of the edge insulation strip. Here the mat is cut off and the next track is overlapped with approx. 3 cm.

4.

It is advisable to press the mat with a float, the final fixing takes place at the latest when applying the tile covering or upper layer / adhesive layer. Connecting joints of the mat with each other are carried out with the 3 cm overlap. DimaMat® SPZ 1 can be walked on and loaded immediately after installation, even on transport routes. Likewise, it is possible to start with the further construction directly after the installation, a drying time is not necessary.





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**STBS Bausysteme GmbH & Co.KG**

Holunderweg 9  
64404 Bickenbach

**Telephone** +49 6257 999 49 45

**Fax** +49 6257 999 49 46

**WhatsApp** +49 171 5549543

**E-Mail** [info@stbs-bausysteme.de](mailto:info@stbs-bausysteme.de)

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