

Technical Data Sheet



sealing systems
DimaSeal®



Sealing and decoupling adhesive For waterproofing balconies and terraces; two-component, grey

At a glance

Outstanding product properties

- Guaranteed decoupling/crack bridging of more than 1.0 mm in the DimaMat® VPZ 1 system.
- Approx. 35 % less consumption than conventional sealing slurries (approx. 2.5 kg at 2 mm layer thickness)
- For permanent underwater areas
- Vapour diffusion-open, highly flexible and watertight, also tested to C1 E / S2 according to DIN EN 12004 (as tile adhesive) and (as 2-component sealing slurry)
- with general building authority test certificate
- Particularly easy, creamy workability
- No labelling required

Flexible application possibilities

- In wet areas such as showers, saunas and swimming pools as an adhesive as well as a waterproofing compound
- For coverings as an adhesive as well as a sealant with high mechanical and thermal loads
- As a vapour-open waterproofing system in combination with the bondable composite armour decoupling mat DimaMat® VPZ 1 for balconies and terraces
- Excellent for decoupling shower areas with simultaneous use of the sealing and decoupling adhesive DimaSeal® MDS-DK 2 with reactive set
- System adhesive for outdoor installation using the buttering method on the thin-sheet drainage HydraDrain® DBD 7.



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Technical notes and data

Two-component, hydraulically setting and cementitious mineral waterproofing slurry, consisting of a sand-cement component as dry component and a plastic dispersion as liquid component.

To be applied by brushing, filling or spraying with suitable equipment.

Apply 1.2 mm wet layer thickness per millimetre of final layer thickness. This is achieved by applying twice (2 x approx. 1.2 mm = 2.4 wet film thickness - min. 2 mm dry film thickness).

Colour	Dry component:	gray
	Liquid component:	white
Mixing ratio	Dry component:	3 kg weight share
	Liquid component:	3 kg weight share per bag (dispersion)

Working temperature:	> +3°C to +30°C
Mixing ratio:	Comp. A / Comp. B 1:1 mixing
Bulk density:	1.05 kg/dm ³
Wet film thickness:	2.4 mm (corresponds to 2 mm dry film thickness)
Working time:	approx. 45 minutes
Ready for covering:	approx. 90 minutes

Load-bearing capacity at +23° C and 50% rel. humidity:

after approx. 3 hours rainproof on sloping surfaces (avoid standing water!)

covered with tiles after approx. 4 hours

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delivery sizes

1 bucket (hobbock)	24 kg combi-bundle powder: 4 bags, 3 kg each = 12 kg dispersion: 4 bags, 3 kg each = 12 kg
consumption	Depending on load case For waterproofing balconies and terraces: min. 2.6 kg/m ² (approx. 2 mm layer thickness) As waterproofing in a bonded system: min. 2.5 kg/m ² (approx. 2 mm layer thickness)
storage	Store dry component in a dry place Store liquid component frost-free

System accessories



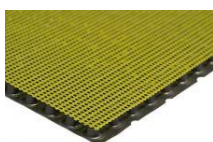
RabaFin System

Construction system solutions for balcony edge, terrace and plinth edge finishes.



DimaSeal® ABV 150

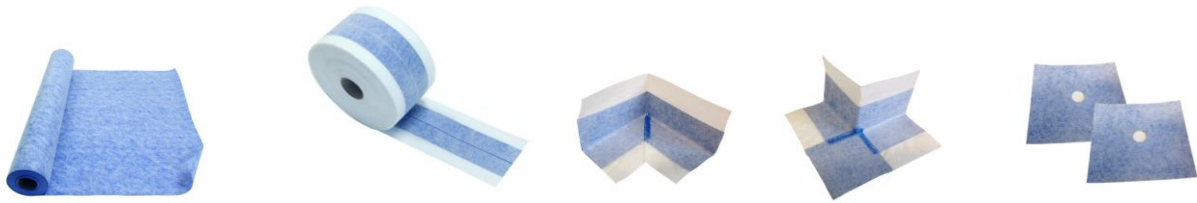
Self-adhesive butyl tape with alkali-resistant fleece matrix in 150 mm width for sealing transitions to rising building components and balcony edges.



HydraDrain® MDM 13/DBD 7

Multifunctional, capillary-passive and decoupling surface drainage mat for drainage mortar, chippings/gravel and special adhesive mortar; height 13 mm for balconies, terraces and roof terraces.
As well as the DBD 7 as a thin-bed drainage mat

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DimaMat® VDB 1000	Composite sealing membrane / 1 roller in carton with 30 m ²
DimaMat® AB-X 120	Sealing tape / 1 roller in carton with 50 running metres
DimaMat® AB-X / IE 120	Sealing tape inside corner / 10 pieces in carton
DimaMat® AB-X / AE 120	Sealing tape outside corner / 10 pieces in carton
DimaMat® WM-X 120	Wall sleeve / 10 pieces in carton

Substrate requirements and application instructions

For bonded applications, the substrate must be sufficiently load-bearing, clean, dry, frost-free, free of oil and grease, dimensionally stable and free of adhesion-reducing substances. Loose or flaking mortar and paint residues must be carefully removed.

Absorbent substrates must be primed with DimaSeal® PRM-PP.

The necessary substrate pre-treatments are to be adapted to the respective site-specific conditions.

The working temperature should be between approx. +5° C to +30° C.

Brief installation instructions

1. prepare substrates, levelling and smoothing work must be carried out prior to installation.
2. pour the liquid component into a clean and sufficiently large bucket and mix with the powder component 1:1 to a workable consistency using a suitable stirrer and continue stirring for 2 to 3 minutes. Depending on the general conditions.
Apply the product by brush or trowel method in at least two working steps - the second and, if necessary, further working steps can only be carried out after the surface is ready for foot traffic.
3. For a fully saturated installation, we recommend using the buttering-floating method. This method reduces the risk of cavities.
4. To avoid blistering on porous substrates (e.g. concrete, screed, plaster), apply a thin scratch coat of DimaSeal MDS DK 2 (consumption approx. 0.5 kg/m²) before sealing the surface.



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Excessive layer thicknesses in one work step must be avoided, as otherwise cracks may form.

The sealant must be fully cured before tiles and slabs are laid.

Clean tools with water immediately after use.

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