VAB

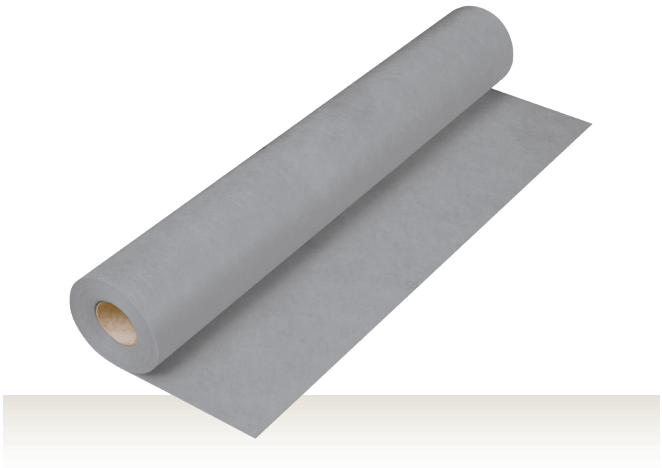
Composite sealant membrane

strasser DICHT
WATERPROOFING AND SEALANTS

waterproofing membrane, textile coated on both sides

- crack-bridging and permanently elastic
- highly tear-resistant
- malleable and stress-dispersing
- water vapour retarding
- resistant to ageing
- width: 1 m

Seal:



Applications

- Waterproofing in bond under ceramic coverings tested by building authorities
- for waterproofing interiors with sheet waterproofing materials bonded with tiles and slabs (AIV-B) in accordance with DIN 18534-5 in water action classes W0-I to W2-I and crack class R1-I
- Can be used in accordance with AbP for application areas A and C in wall and floor areas (water exposure class W2-I and W3-I with chemical exposure in accordance with DIN 18534-1).
- for areas subject to moderate stress from non-pressing water, e.g. on balconies and terraces
- for interior use in areas subject to excessive moisture and additional chemical effects, e.g. large kitchens and laundries
- in building regulation-certified system P-1201/054/17 MPA-BS with strasser tile adhesive FLEX FKU, FKC, PLK, FKT, FKN, FKN-S, FK-W
- in the wall and floor area
- for interior and external use

Properties

- very low emissions EC 1^{PLUS} according to GEV-EMICODE
- highly tear-resistant
- waterproof
- age-resistant
- alkali resistant
- water vapour retarding
- malleable and stress-dispersing
- decoupled effect
- with practical scaling as cutting aid

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Composition

- polyethylene barrier film, coated with non-woven material on both sides

Substrate

Suitable substrates

- normal concrete
- Aerated concrete
- plastered masonry
- Cement and calcium sulphate screeds, heated and unheated
- gypsum plasterboard and gypsum fibreboard
- SAFETEC® floor levelling compounds, floor fillers

Properties/tests

- The subsurface must be even, dry, clean, load-bearing, absorbent and free of adhesion impairing residues, efflorescence and sinter skins.
- Concrete must be at least 3 months old.
- Cement screeds must be at least 28 days old at the time of covering and have a residual moisture ≤ 2.0 CM-% (unheated) or ≤ 1.8 CM-% (heated).
- At the time of laying, calcium sulphate screeds must have a residual moisture ≤ 0.5 CM % (unheated) or ≤ 0.3 CM % (heated).
- SAFETEC® floor levelling compounds must have a residual moisture of ≤ 3.0 CM %.
- Plaster surfaces must not be felted, smoothed or rubbed, instead simply skimmed or scratched off sharply with the straightedge.
- The installation base must meet the evenness criteria of DIN 18202.
- In outdoor areas, the subsurface must have a gradient of at least 1.5% and adequate drainage.

Pretreatment

- Carefully remove adhesion-reducing layers and contamination, e.g. sinter layers, binding agent accumulations, loose paint coatings, adhesive residue or dust.
- Bumps in the substrate are to be levelled with suitable plasters or filling compounds.
- Prime smooth, non-absorbent substrates, e.g. concrete or old tile coverings, with strasser PRIM QG-T Quartz Primer Turbo or strasser PRIM UG-P Universal Primer Premium.
- Prime mineral substrates with strasser PRIM DTG-P Dispersion Depth Primer Premium or strasser PRIM UG-P Universal Primer Premium.
- For time-critical work, prime mineral substrates with strasser PRIM DTG-T Dispersionstiefengrund Turbo (can be covered or recoated after approx. 15 minutes).
- Calcium sulphate screeds must be sanded and vacuumed. Pre-treat calcium sulphate screeds with strasser PRIM UG-P Universal Primer Premium or strasser PRIM EG Epoxy Primer and sand with strasser PLUS GQS Coarse Quartz Sand. After hardening, thoroughly remove excess, loose sand.

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Processing

Temperature

- Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.

Mixing / Preparation / Processing

- Cut the product to the required size using suitable tools.

Applying

- Pipe feed-throughs and outlets, corners, wall and floor connections are to be sealed with strasser DICHT FWM flexible wall liner, strasser DICHT FBM flexible floor liner, DICHT FIE flexible interior corner, strasser DICHT FAE flexible external corner and strasser flexible sealing tape FDB, which all belong to the system. These are to be inserted into the first layer of strasser DICHT FDS flexible sealing slurry and gone over with the second.
- The strasser DICHT VAB composite waterproofing membrane can be bonded to the substrate with strasser FLEX FK-W waterproof flexible adhesive, strasser FLEX FKT Turbo flexible adhesive or strasser DICHT FDS 1K flexible sealing slurry.
- Apply and comb on adhesive mortar with a 4 mm notched trowel. Then insert sealing membrane into the adhesive bed without creases and press on carefully.
- Joint areas can be made with an additional sealing tape overlapping or butt jointed. These are to be bonded with strasser FLEX FK-W flexible impermeable adhesive or strasser DICHT FDS 1K flexible sealing slurry without cavities. Overlapping of at least 5 cm is to be maintained.

Drying / Hardening

- The necessary curing period depends on the adhesive mortar used. Ceramic tiles can be laid as soon as the bonding of the strip has hardened sufficiently.

Subsequent coating / Suitability for coating

- For the subsequent installation of ceramic floor coverings, the strasser FLEX tile adhesives tested in the system are to be used.

Cleaning the tools

- Clean all tools and equipment with water immediately after use.

Notes

- In the sector governed by building regulations, the processing specifications of the relevant general building authority test certificate for the sealing system are to be observed to ensure the functionality of the composite sealant. Only the components tested in the system may be installed.
- The product cannot be used as a wear layer and is to be covered with ceramic coverings.

Packaging

- 30 m²/roll

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Storage

- Store dry and as per instructions.
- can be stored in sealed original container/bag for at least 24 months from manufacturing date

Consumption

- Consumption: approx. 1.05 m per m² of laying area

Technical Data

Material thickness	0.35 mm
weight per unit area	approx. 240 g/m²
Diffusion-equivalent air layer thickness (SD-value)	90 m

All data are average values determined under laboratory conditions at +20°C and 65% relative humidity according to relevant test standards and application tests. Deviations under practical conditions are possible.

General Information

This information sheet provides only general recommendations. If you have any questions when it comes to the actual application, please consult our responsible Technical Sales Adviser or our Service Hotline tel. +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.

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