



Evo-Stik Technik Flexible Tanking Paste

COMPLETE WATER BARRIER FOR SHOWERS & WET ROOMS

TECHNICAL SHEET 29/04/2025

SMART ADVANTAGES

- For water exposure classes up to W2-I according to DIN 18534-3
- Very easy application with roller or brush
- Reliable crack bridging
- Very economical
- Sealing under ceramic coverings
- For stress class A according to ZDB with abP
- Solvent-free
- Ready to use
- Very good processing properties
- Radon protection

DESCRIPTION

Evo-Stik Technik Flexible Tanking Paste is a highly elastic, solvent-free liquid membrane for sealing wall and floor surfaces under tiles and slabs against non-pressing water. Evo-Stik Technik Flexible Tanking Paste is ready to use and is simply applied with a roller or brush. Evo-Stik Technik Flexible Tanking Paste is tested in accordance with the 'Test principles for liquid-applied waterproofing materials in combination with tile and slab coverings, May 2014'. Can be used for load class A (wall) in accordance with the test principles for issuing a general building authority test certificate. Composite waterproofing based on polymer dispersion (DM) in accordance with DIN 18534-3 for water exposure classes W0-I (wall and floor surfaces), W1-I (wall and floor surfaces) and W2-I (wall surfaces). After setting, Evo-Stik Technik Flexible Tanking Paste is waterproof, flexible and crack bridging.

FUNCTIONAL CHARACTERISTICS

Evo-Stik Technik Flexible Tanking Paste is used as a seamless and jointless seal under ceramic coverings and natural stone indoors to protect the substrate against the penetration of water or moisture, e.g. in showers, bathrooms, sanitary facilities and washrooms. Can also be used as radon protection. For waterproofing under tiles and slabs in outdoor



areas (balconies, terraces), we Recommend our flexible waterproofing slurry Ardatec 2K Flex or the waterproof membrane Bostik DMC 900. Evo-Stik Technik Flexible Tanking Paste is not suitable for waterproofing when exposed to additional chemical stress. For this purpose, we recommend Ardatec 2K Flex or Bostik DMC 900 Membrane for waterproofing in swimming pools. Evo-Stik Technik Flexible Tanking Paste can be used to waterproof wall and floor surfaces depending on the water exposure class. The compound must be applied as an even, non-porous layer. After the first coat has dried, a second coat is applied.

Area Regulated by Building Authorities – ZDB Leaflet, Building Rule List A, Part 2 1.10 (abP):

Exposure class A: Directly and indirectly exposed wall surfaces with high exposure to non-pressing water in interior areas, e.g. public shower facilities.

According to DIN 18534 Waterproofing of Interiors - Part 3: Waterproofing with liquid applied Waterproofing Materials in Combination with Tiles and Boards (AIV-F):

- Water exposure class W0-I: Surfaces with frequent exposure to splashing water, e.g. wall surfaces in bathrooms outside the shower area or kitchens, e.g. behind washbasins, floor surfaces without floor drains, e.g. utility rooms, guest WCs, kitchens

- Water exposure class W1-I: Surfaces with infrequent exposure to service water, without intensification due to accumulating water, e.g. wall surfaces above bathtubs and in the showers in the bathroom, floor surfaces in bathrooms without/with drainage without high water exposure from the shower area, floor surfaces in domestic areas with drainage (e.g. washing machine storage area)
- Water exposure class W2-I: Wall surfaces with frequent exposure to industrial water, especially on the floor, occasionally intensified by accumulating water, e.g. wall surfaces of showers in sports facilities/commercial premises

The relevant standards, guidelines, ZDB data sheets and the generally recognized rules of technology apply.

SUBSTRATES

The substrates must be solid, dry and free from contamination or separating material. The following substrates can be sealed with Evo-Stik Technik Flexible Tanking Paste: Concrete, masonry according to DIN 1053 with full joints, plasters of mortar groups II and III, e.g. cement and lime-cement plasters, solid plaster and plasterboard, aerated concrete, lightweight concrete, cement, calcium sulphate-bound and mastic asphalt screeds, old tile coverings. Can also be used on heated screeds.

PREPARATION OF SUBSTRATES

Uneven, raw concrete or masonry must be levelled with Bostik adhesive mortar. Before coating with Evo-Stik Technik Flexible Tanking Paste, absorbent substrates must be primed with Ardagrip Classic. Non-absorbent substrates, e.g. old tile coverings, can be coated directly with Evo-Stik Technik Flexible Tanking Paste after basic cleaning and drying.

APPLICATION

The primer must be dry before Evo-Stik Technik Flexible Tanking Paste is applied. Stir Evo-Stik Technik Flexible Tanking Paste before application.

SURFACE SEALING

The waterproofing layer must be applied in at least two coats in accordance with DIN 18534-3. The use of a short pile roller is recommended for the application of Evo-Stik Technik Flexible Tanking Paste.

The second coat may only be applied after the first coat has dried. If the sealant coating is to be reinforced with Ardatape Strong, this is inserted into the first, still fresh coating and the second coating is applied after it has dried completely.

CONSUMPTION

For two coats, apply approx. 1 kg/m² of Evo-Stik Technik Flexible Tanking Paste depending on the roughness of the substrate surface.

SECURING OF CONNECTION JOINTS

The sealing layer must be secured in the corner and expansion joints using Ardatape 120 Extra. The sealing tape is inserted into the first, still fresh coating. The second coating is applied once it is completely dry.

SEALING OF FLOOR DRAINS

Only floor drains with a press-fit sealing flange should be installed. The flange is integrated into the surface seal by coating it with Evo-Stik Technik Flexible Tanking Paste and, if necessary, by inserting Evostik Tanking Tape.

SEALING OF WALL & FLOOR PENETRATIONS

Installation of wall and floor penetrations are integrated into the surface waterproofing using Ardatape Wall/Floor. The joints between penetrations and ceramic tiles must be filled with S730 Sanitary Silicone Professional or S700 Sanitary Silicone.

SETTING AND INSTALLING OF TILES AND SLABS

Suitable Bostik adhesive mortars must be used for fixing and laying tiles and boards. Processing instructions for the adhesive mortars can be found in the technical data sheets. Tiles and slabs or natural stone may only be bonded to Evo-Stik Technik Flexible Tanking Paste after the sealing layer has dried through. After the adhesive mortar has dried through (see bag print) or after approx. 24 hours, the cladding materials can be grouted with Ardacolor Premium, Ardacolor Flex, Ardacolor Classic or Ardacolor Maxi. Expansion and connection joints are filled with elastic sealant S730 Sanitary Silicone Profi or S700 Sanitary Silicone Profi.

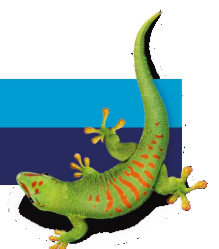
STORAGE

Store in a cool and dry place. Protect from frost. Shelf life approx. 24 months.

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TECHNICAL DATA

Base	Polymer dispersion, modified
Density	ca. 1,3 g/ml
Tensile elongation at break	ca. 400 %
Tensile strength	1,4 N/mm ²
Crack bridging	0,2 mm
Consumption	ca. 1 kg/m ²
Processing temperature	not below + 5 °C air temperature, not below + 10 °C component temperature, up to max. 30 °C air temperature
Minimum dry layer thickness	≥ 0.5 mm (required wet layer thickness approx. 0.58 mm)
Cleaning of tools	in fresh condition with water
Drying time	between 1st and 2nd shift approx. 1-2 hours; 2nd layer/walkability approx. 8-16 hours
Installation of tiles and slabs	as soon as walkable
Resilient with water	after approx. 7 days
Temperature resistance	+ 70 °C
Building material class/fire behavior	B2, normally flammable according to DIN 4102-1. E according to DIN EN 13501-1
GISCODE	D1 - solvent free
GEV-EMICODE	EC 1 PLUS
Radon protection	from a thickness of 1 mm

DISCLAIMER

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