SANIFLEX

Liquid waterproofing membrane, ready to use



Material number	Package type	Colour	Units / pallet	Pc/package
205004007	20 kg, pail	ochre	30,000	1,000
205004009	5 kg, pail	ochre	80,000	1,000
205004900	20 kg, pail	Grey	30,000	1,000
205004901	5 kg, pail	Grey	80,000	1,000

Areas of use/bonded waterproofing

- as bonded waterproofing under tiles and boards
- as bonded waterproofing for water impact class W0-I to W1-I in the floor area and up to W2-I on walls in accordance with DIN 18534
- for interior use
- in conjunction with the SCHOMBURG joint tape systems

Product features

- Ready to use
- Rapid drying
- Crack bridging
- Vapour permeable

Advantages

- Tested system product
- Available in 2 colours for better working inspections
- Easy application with roller or flat trowel

Existing test certificates

- Reaction to fire classification report
- General building approval test certificate for producing liquid bonded waterproofing with tiles and boards in accordance with WTB seq. no. C 3.27
- French cert. VOC
- AgBB certificate
- EMICODE licence

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Technical Data

Material properties

Product components	Ready to use
Base material	Filling materials Polymer dispersion
Consistency	creamy
Crack bridging DIN EN 1062-7	Passed
S_d-value with ASO-Unigrund-GE/-K	≈ 9 m
S_d-value with ASO-Unigrund-S	≈ 6.8 m
Vapour diffusion behaviour	Vapour diffusion inhibiting
Classification of the reaction to fire in accordance with DIN EN 13501-1	E

Application

Substrate temperature	approx. 5 - 30 °C
Pot life	approx. 60 minutes
Method of application, max. layer thickness per application step	up to 1.5 mm
Consumption pro m² and 0.5 mm layer thickness	approx. 1.2 kg
Second application step after waiting time	approx. 4 - 6 hours
Foot traffic after	approx. 16 hours
Ready for covering with tiles	approx. 16 hours
Application temperature	approx. 5 - 30 °C
Overcoat after	approx. 6 hours
Hardening time / full resilience	approx. 28 days

System components in accordance with AbP AIV

Primer	ASO-Unigrund-GE ASO-Unigrund-K, blue
Joint Sealing tape	ASO-Dichtband-2000 ASO-Dichtband-2000-S ASO-Dichtband-2000-Ecken (Innen und Aussen) ASO-Dichtmanschette-Boden ASO-Dichtmanschette-Wand ASO-Dichtband-120 ASO-Dichtecke-I ASO-Dichtecke-A ASO-Dichtmanschette-W ASO-Dichtmanschette-B ASO-Dichtband-2000-S-Ecken
Tile adhesive	AK7P CARO-FK-FLEX CRISTALLIT-FLEX LIGHTFLEX MONOFLEX MONOFLEX-fast MONOFLEX-FB MONOFLEX-white MONOFLEX-white 3:1 with UNIFLEX-F MONOFLEX-XL SOLOFLEX UNIFIX-S3 UNIFIX-S3-fast

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Processing equipment

Aids/tools

- Flat trowel
- Painter's roller
- Toothed trowel
- Trowel
- Filler
- Pressure roller
- Occupational safety equipment

Suitable substrate

- Dry screeds
- Raised floors
- Firmly adhering tiled finishes
- Gypsum boards
- Gypsum fibre boards
- Cement and fibre cement boards
- Bonded waterproofing
- Concrete
- Cement-based screed (CT)
- Floor levelling compounds
- Calcium sulphate screeds (CA, CAF)
- Mastic asphalt screeds (AS)
- Magnesia screeds (MA)
- Tile bearing elements
- Cement plaster
- Gypsum plaster
- Lime-cement plaster
- Light plaster

Preparing the substrate

Requirement for substrate

1. Dry
2. Load-bearing
3. Even
4. Sealed in the surface
5. Free of cracks
6. Free from negative pressing water
7. Free of adhesion inhibiting substances and laitance layers

Preparing the surface

1. Check the substrate and determine the residual moisture content using the CM method.
2. Remove impurities, adhesion-reducing substances and binder accumulations/laitance layers.
3. Prime absorbent substrates with ASO-Unigrund-GE or ASO-Unigrund-K.
4. Prime non-absorbent substrates with ASO-Unigrund-S.
5. Level surface irregularities in the substrate before starting waterproofing work using a cementitious levelling compound that is suitable for the application (e.g. SOLOCRET-60 or ASOCRET-M30).

Moisture content of the CM measurement

	max. CM moisture readings
CT for screeds on insulation or a separating layer	≤ 2.0 CM %
CA **without** floor heating system	≤ 0.5 CM %
CA **with** floor heating system	≤ 0.3 CM %

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Application

Application

1. Prepare the substrate according to the substrate requirements.
2. Apply SANIFLEX using suitable tools in at least 2 application steps.
3. The minimum dry film thickness of ≥ 0.5 mm must be guaranteed.
4. In the case of bonded waterproofing in accordance with DIN 18534 Part 3, the application steps must be carried out in alternating colours (ochre/grey).
5. The previous coat must be completely dry before the next coat is applied.
6. Thin-bed adhesion on the tiles is provided using the polymer modified thin-bed mortars specified in the system components.
7. SANIFLEX must not be exposed to water until it is totally dry. Overlaps in the joint sealing tape/pre-formed piece adhesive area require a significantly longer drying time (depending on the ambient conditions).

Formation of intersections, movement and connecting joints

Use the ASO-Dichtband 2000 - System or the ASO-Dichtband-System along with the required pre-formed pieces to form movement and connecting joints, as well to integrated intersections and assembly parts. Bond joint sealing tapes, joint-tape edges or connections with the waterproofing material and fill in the overlap area and the edge zone with filler. Check elements such as linear drainage systems for suitability in advance and include them in the bonded waterproofing in accordance with the manufacturer's specifications.

Storage conditions

Storage

Store in a frost-free, cool and dry place. At min. 5 - 40 °C for 15 months in the original canister. Promptly use opened container.

Emission behaviour / building certification systems

- Suitable for indoor use in accordance with the French VOC Directive and Belgian Royal Decree C-2014/24239.
- Very low emissions in accordance with GEV-EMICODE, which normally results in positive evaluations within the scope of building certification systems in accordance with DGNB, LEED, BREEAM, HQE.
- Maximum quality level 4, lines 2, 3, 9 in accordance with DGNB criteria "ENV 1.2 Risks to the local environment".

Notes

- Protect surfaces that are not to be treated from the effects of SANIFLEX!
- Observe the technical data sheets of the products mentioned before starting work.
- Polymer dispersions can only dry out if the temperature of the substrate is at least 3 °C above the dew point of the room air and air circulation is present at the same time. Therefore, an extended drying time must be planned in rooms with high humidity. If there is a risk of dropping below the dew point (condensation), dehumidifiers must be used until the waterproofing has set.

Relevant regulations

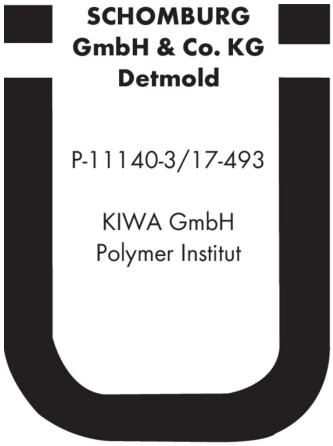
Planning, inspection of substrates and building site circumstances, laying, grouting and subsequent care of the work must be done in accordance with the relevant DIN standards and recognised rules of technology (e.g. the ZDB Data sheets of the Zentralverband Deutsches Baugewerbe e.V.(German construction Association) in the latest version.

Observe applicable safety data sheet!

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Explanations

Conformity / Declaration / Verification



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System components (conforming to standards)

System components	For exposure class A in accordance with the testing principles of DIBt (PG-AIV-F) and water effect classes W0-I, W1-1 and wall surfaces W2-I in accordance with DIN 18534 part 3 and ZDB data sheet [*1]
SANIFLEX	×
ASO-Unigrund-K	×
ASO-Unigrund-GE	×
ASO-Unigrund-S	×
ASO-Joint-Tape-2000	×
ASO-Joint-Tape-2000-S	×
ASO-Joint-Tape-2000-Corners, (90°, inside/outside)	×
ASO-Joint-Tape-2000-S-Corners, (90°, inside/outside)	×
ASO-Joint-Tape-2000-T, crossing	×
ASO-Joint-Sleeve-Floor/Wall	×
ASO-Joint-Tape-120	×
ASO-Joint-Sleeve-Wall	×
ASO-Joint-Tape-Corner-I/A	×
ASO Slope Corner	×
ASO-Joint-Sleeve-Floor	×
ASO-Connector-Joint-Tape	×
ASO-Connector-Internal-Corner-I	×
ASO-Connector-Corner-Multi	×
UNIFIX-S3	×
LIGHTFLEX	×
MONOFLEX	×
MONOFLEX-fast	×
MONOFLEX-FB	×
MONOFLEX-white	×
MONOFLEX-white modified in mass ration 3:1 with UNIFLEX-F	×
MONOFLEX-XL	×
ASODUR-EK98-Wall/Floor	×
ASODUR-DESIGN	×
SOLOFLEX	×
AK7P	×
CRISTALLIT-FLEX	×
UNIFIX-S3-fast	×

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