

SANIFIN

Sealing and decoupling membrane under tiles and boards



Material number	Length	Width, article	Contents	Unit of quantity	Packaging	Colour
205901001	15 m	1 m	1	ST	Roll	White with SCHOMBURG logo
205901003	30 m	1 m	1	ST	Roll	White with SCHOMBURG logo

Product features

- Fleece-laminated waterproofing and de-coupling membrane
- Crack bridging
- Decoupling effect
- Resistant to chemicals

Advantages

- Tested system product
- rapid construction progress
- Convenient compaction properties

Areas of use/bonded waterproofing

- As bonded waterproofing under tiles and boards
- As bonded waterproofing for water impact class W0-I to W2-I in accordance with DIN 18534
- As bonded waterproofing for balconies, loggias, arcades in accordance with DIN 18531 and terraces
- For interior and exterior use
- In conjunction with the SCHOMBURG joint tape systems

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 VVTB seq. no. C 3.27
- French cert. VOC
- AgBB certificate
- EMICODE licence

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Technical Data

Material properties

Product components	Roll goods
Base material	Composite material: Fleece-membrane-fleece
Reaction to fire in accordance with DIN EN 4102	B2
Crack bridging DIN EN 1062-7	Passed
Sd value in accordance with DIN EN 1931	> 85 m
UV-resistance as per DIN EN ISO 4892-3	≥ 450 hours
Vapour diffusion behaviour	Vapour diffusion behaviour

Application

Substrate/application temperature	from 5 °C to 25 °C
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System components according to AbP AIV

Primer	ASO-Unigrund-GE ASO-Unigrund-K, blue
Joint Sealing tape	ASO-Dichtband-2000 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 ASO-Dichtband-2000-S-Ecken
Waterproofing	AQUAFIN-1K-PREMIUM AQUAFIN-RS300 ASOFLEX-AKB-wall
Tile adhesive	MONOFLEX-fast MONOFLEX-FB MONOFLEX-XL SOLOFLEX ASODUR-EKF

Application technology

Aids/tools

- Flat trowel
- Industrial vacuum cleaner
- Toothed trowel
- Stirrer (approx. 500-700 rpm)
- Clean mixing bucket
- Trowel
- Scissors/knife
- Pressure roller
- Carpet knife

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Suitable substrate

- Dry screeds
- Raised floors
- Tile bearing elements
- Firmly adhering tiled finishes
- Gypsum boards
- Gypsum fibre boards
- Cement and fibre cement boards
- Concrete, cement screed (CT), floor levelling compounds, calcium sulphate screeds (CA, CAF), mastic asphalt screeds (AS), magnesia screeds (MA)
- Cement-based plaster, gypsum plaster, cement-lime plaster, lightweight plaster
- Bonded waterproofing; the suitability of the substrate must be checked and observed, taking into account the planned water impact class of DIN 18534 and DIN 18531.

Substrate preparation

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-50 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 %

Usage

Formation of intersections, movement and connecting joints

Use the ASO-Joint-Tape-2000 system or the ASO-Joint-Tape system along with the required pre-formed pieces to form movement and connecting joints, as well to integrated intersections and assembly parts. The joint sealing tape and the pre-formed pieces are embedded in the first layer of waterproofing material and covered with the second layer. Transitions and or connections between joint tapes and pre-formed pieces must be formed with an overlap of 50 mm. 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.

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Structure in the water exposure classes W0-I to W2-I in accordance with DIN 18534-5 and ZDB leaflet [* 1]

1. Prepare the substrate according to the substrate requirements.
2. Cut SANIFIN to the appropriate size.
3. Comb the system adhesive or the bonded waterproof system out to around 10 cm wider than SANIFIN.
4. Insert the strip into the adhesive bed with the SCHOMBURG marking pointing upwards.
5. Press the strip into the adhesive bed using a flat trowel or roller so that there are no voids and no wrinkles. Ensure that the bedding and cross-linking covers the whole area from the fleece to the adhesive.
6. Lay the strips that were cut to size with an overlap of at least 5 cm. Glue the strips in the overlap area with the thin-bed mortar or cementitious waterproofing used.
7. Tiles or boards can be laid in the floor area as soon as the thin-bed mortar or the cementitious waterproofing that was used to lay SANIFIN has hardened sufficiently; this is normally on the next day. Tiling on the walls can be performed on SANIFIN with MONOFLEX-XL; MONOFLEX-XL can also be used for laying in the floor areas if necessary due to the mechanical and chemical load. The planner must provide the load type and intensity specifications. The Technical Service department at SCHOMBURG GmbH will be happy to assist in these cases.

Construction in wear class C

1. Prepare the substrate according to the substrate requirements.
2. Cut SANIFIN to the appropriate size.
3. Comb the system adhesive or the bonded waterproof system out to around 10 cm wider than SANIFIN.
4. Insert the strip into the adhesive bed with the SCHOMBURG marking pointing upwards.
5. Press the strip into the adhesive bed using a flat trowel or roller so that there are no voids and no wrinkles. Ensure that the bedding and cross-linking covers the whole area from the fleece to the adhesive.
6. Lay the strips that were cut to size with an overlap of at least 5 cm. Do not glue the overlap area in this case! The strips in the overlap area are only glued once the thin-bed mortar that was used has hardened or cementitious waterproofing using the ASOFLEX-AKB wall PU waterproofing is complete.
7. Alternative, lay the strips that were cut to size end to end without an overlap. The ASO[®]-Joint-Tape-2000 with the ASOFLEX-AKB wall PU waterproofing is then applied to the middle of the join area after the thin-bed mortar/cementitious waterproofing that was used has hardened.
8. Tiles or boards can be laid in the floor area as soon as the thin-bed mortar or the cementitious waterproofing that was used to lay SANIFIN has hardened sufficiently; this is normally on the next day. Tiling on the walls can be performed on SANIFIN, e.g. with MONOFLEX-XL; MONOFLEX-XL can also be used for laying in the floor areas if necessary due to the mechanical and chemical load. The planner must provide the load type and intensity specifications. The Technical Service department at SCHOMBURG GmbH will be happy to assist in these cases.

Application in balconies, terraces, loggias and arcades

1. Prepare the substrate according to the substrate requirements.
2. Cut SANIFIN to the appropriate size.
3. Comb the MONOFLEX-XL or the AQUAFIN[®]-1K-PREMIUM/-RS300 bonded waterproof systems out to around 10 cm wider than SANIFIN.
4. Insert the strip into the adhesive bed with the SCHOMBURG marking pointing upwards.
5. Press the strip into the adhesive bed using a flat trowel or roller so that there are no voids and no wrinkles. Ensure that the bedding and cross-linking covers the whole area from the fleece to the adhesive.
6. Lay the strips that were cut to size with an overlap of at least 5 cm. Glue the strip in the overlap area to the AQUAFIN[®]-1K-PREMIUM/-RS300 cementitious waterproofing.
7. Tiles and boards can be laid in the floor area using the floating-buttering method with the MONOFLEX-XL or UNIFIX[®]-S3 thin-bed mortar as soon as the thin-bed mortar or the cementitious waterproofing that was used to lay SANIFIN has hardened sufficiently; this is normally on the next day. Tiling on the walls can be performed on SANIFIN with MONOFLEX-XL; MONOFLEX-XL can also be used for laying in the floor areas if necessary due to the mechanical and chemical load. The planner must provide the load type and intensity specifications. The Technical Service department at SCHOMBURG GmbH will be happy to assist in these cases.

Storage conditions

Storage

Cool, dry, protected from sunlight. Min. 24 months in the original container.

Disposal

Product leftovers can be disposed of in household waste.

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Emission behaviour / building certification systems

- 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 9, 35, 44 in accordance with DGNB criteria "ENV 1.2 Risks to the local environment".

Notes

- Direct contact with metals such as copper, zinc, and aluminium must be avoided by means of a pore sealed primer. A pore sealed primer is produced via 2 application steps using ASODUR®-GBM (see technical data sheet).
- Border, field, building separation and movement joints should be carried over to or installed at the designated location; suitable means such as RD-SK50 edging strips should be used to detach them! Crack control joints must be closed with a force fit or secured against height differences, and must be formed as movement joints in the top coating.
- Observe the technical data sheets of the products mentioned before starting work.
- Protect surfaces that are not to be treated from the effects of the system adhesive or the bonded waterproof systems!
- SANIFIN may not be glued or overcoated afterwards with products containing solvents.

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 sheets of the Zentralverband Deutsches Baugewerbe e.V.) in the latest version.

Annotations

Conformity / Declaration / Verification



The rights of the buyer with regard to the quality of our materials are based on our terms and conditions of sale and delivery. Our technical advice team will be happy to advise you in the case of requirements that exceed the scope of the application described here. In order to be binding, a legally binding written confirmation is required. The product description does not release the user from a duty of care. Lay a test area in the event of uncertainty. This version becomes invalid in the event of a new version being issued.