

ASO[®]-Dichtband-2000-Ecke

Corner seal for heavy loads



Material number	Angle / installation position	Material strength	Contents	Colour
205943001	90° outside	approx. 0.5 mm	1 piece	White
205943002	90° inside	approx. 0.5 mm	1 piece	White

Product features

- Fleece-laminated corner joint
- Tear-resistant
- Highly flexible and stretchy
- Highly resistant
- Crack bridging

Advantages

- Tested system product
- Particularly thin layers
- High bonding to cementitious waterproofing slurry or polymer dispersions thanks to fleece-laminated surface

Areas of use/bonded waterproofing

- as system components for the Schomburg joint tape system for reliable waterproofing and integration of expansion, movement and edge connecting joints in bonded waterproofing
- As a system component for bonded waterproofing for water impact class W0-I to W3-I in accordance with DIN 18534

Technical Data

Material properties

Product components	Piece goods
Base material	Composite material: Fleece-membrane-fleece
Burst pressure	≥ 2 bar
Reaction to fire in accordance with DIN EN 4102	B2
UV-resistance as per DIN EN ISO 4892-2	500 hours
Sd value in accordance with DIN EN 1931	> 30 m ± 5 m
Temperature resistance	- 22 + 90 °C
Vapour diffusion behaviour	Vapour diffusion-inhibiting

Application

Consumption	1 pc per application
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Application technology

Aids/tools

- Serrated or layer-thickness trowel
- Flat trowel
- Brush
- Pressure roller
- Scissors/knife

Suitable substrate

- Dry screeds
- Raised floors
- Tile bearing elements
- Firmly adhering tiled finishes
- 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

Usage

Application

1. Apply the waterproofing material to both sides of the joint or wall transition to be bridged, at least 2 cm wider than the joint sealing tape that is used (e.g. using a 4-6 mm notched trowel).
2. Press the ASO[®]-Dichtband-2000-Ecke into the waterproofing layer meticulously without voids or wrinkles, using a flat trowel or pressure roller.
3. The joint sealing tape must be seamlessly integrated into the area waterproofing.
4. Bond joint-tape edges or connections with the waterproofing material without wrinkles, covering the whole area, and overcoat after.
5. Joint-tape edges or connections to pre-formed pieces are applied with an overlap of at least 5 cm.
6. For structural movement joints, ASO[®]-Dichtband-2000-Ecke is inserted into the joint and the fresh layer in the form of a loop.
7. For structural movement joints/movement joints, the pre-formed pieces are inserted into the joint and the fresh layer in the form of a loop.

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.

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".

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.

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Annotations

Chemical durability

Test fluid	Concentration	Low resistance (≤ 8 hours)	Medium resistance (≤ 72 hours)	High resistance (≤ 14 days)
Inorganic acids				
Hydrochloric acid	0.03%			■
Sulphuric acid	0.35%			■
Organic acids				
Citric acid	100 g/l			■
Lactic acid	20			■
Alkalis				
Caustic potash	0.2%			■
Sodium hydroxide	0.3 g/l			■
Saltwater	20 g/l sea salt			■

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