ASO®-Dichtband-2000-S

Special waterproof tape for more demanding situations and heavy duty use



Material number	Package type	Colour	Units / pallet	Pc/package
205939001	25x0.20m (LxW), roll	white with logo	144,000	1,000
205939002	50x0.20m (LxW), roll	white with logo	96,000	4,000
205939003	50x0.12m (LxW), roll	white with logo	192,000	8,000
205939007	10x0.50m (LxW), roll	white with logo	120,000	1,000

Areas of application

- For the watertight forming of expansion and connecting joints
- For water impact classes W0-I to W3-I / W1-B / W2-B in accordance with the ZDB leaflet "Bonded waterproofing (AiV)"
- For wear class A / B / C in accordance with DIBt test principles
- Waterproofing in accordance with DIN 18533 / DIN 18535
- System component for SCHOMBURG waterproofing systems

Product features

- Tear-resistant
- Particularly stretchy
- watertight
- UV-stabilised
- Highly resistant to aggressive media
- Very low emission

Advantages

- Thin-layer
- Guarantees the drying out of waterproofing materials and thin-bed mortar
- Highly flexible and stretchy

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Technical Data

Material properties

Product components	Roll goods
Base material	Composite material: Fleece-membrane-fleece
Burst pressure	≥ 1.5 bar
Braking strength, lengthwise (DIN EN ISO 527-3)	approx. 116 %
Braking strength, crosswise (DIN EN ISO 527-3)	approx. 107 %
Expansion, lengthwise (DIN EN ISO 527-3)	approx. 600 %
Expansion, crosswise (DIN EN ISO 527-3)	approx. 600 %
S_d value	> 2 m
UV-resistance after DIN EN ISO 4892-3	≥ 500 hours
Vapour diffusion behaviour	Vapour permeable

Application

Consumption	1m per m

Processing equipment

Aids/tools

- Scissors/knife
- Flat trowel

Suitable substrate

- All substrates in accordance with DIN 18157, Part 1 and in accordance with DIN 18534, DIN 18535, DIN 18531, DIN 18533
- All substrates in accordance with ZDB Code of Practice "Bonded waterproofing (AIV)"

Application

Application

1. On both sides of the joint to be bridged or the wall connection, the waterproofing material is applied at least 2 cm wider than the joint sealing tape.
2. Lay ASO®-Dichtband-2000-S in the fresh layer.
3. For structural movement joints, ASO®-Dichtband-2000-S is inserted into the joint and the fresh layer in the form of a loop.
4. 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.
5. In the case of loop-shaped installation and pressurised water load, additionally insert a suitable closed-cell filler cord and stick on another ASO®-Dichtband-2000-S with the help of the waterproofing material.
6. Press the ASO®-Dichtband-2000-S into the waterproofing layer meticulously without voids or wrinkles, using a flat trowel or pressure roller.
7. 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.
8. Joint-tape edges or connections to pre-formed pieces are applied with an overlap of at least 5 cm.

Storage conditions

Storage

Cool, dry, protected from sunlight. Min. 36 months in the original canister.

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.

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Explanations

Chemical durability

The chemical resistance after 7 days storage at +22 °C exists in the following chemicals:	Concentration
Hydrochloric acid	3 %
Sulphuric acid	35 %
Citric acid	100,0 g/l
Lactic acid	5 %
Caustic potash	20 %
Sodium hydroxide	0,3 g/l
Seawater	20,0 g/l

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