

ASO[®]-Dichtband-2000

Joint sealing tape for high requirements



Material number	Length	Width, article	Material thickness	Packaging	Colour
205936001	10 m	120 mm	approx. 0.37 mm	Roll	White with SCHOMBURG logo
205936002	50 m	120 mm	approx. 0.37 mm	Roll	White with SCHOMBURG logo
205936003	10 m	200 mm	approx. 0.37 mm	Roll	White with SCHOMBURG logo
205936004	50 m	200 mm	approx. 0.37 mm	Roll	White with SCHOMBURG logo

Areas of use/bonded waterproofing

- 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 and W1-B and W2-B in accordance with DIN 18535 Part 3

Product features

- Fleece-laminated joint sealing tape
- Tear-resistant
- Highly flexible and stretchy
- Extra thin
- Highly resistant
- Crack bridging

Advantages

- Tested system product
- Particularly thin layers

Existing test certificates

- EMICODE licence
- French cert. VOC
- AgBB certificate

ASO[®]-Dichtband-2000

Technical Data

Material properties

Product components	Roll goods
Base material	Composite material: Fleece-membrane-fleece
Weight	approx. 150 - 190 g / m ²
Burst pressure	≥ 2 bar
Reaction to fire in accordance with DIN EN 4102	B2
UV-resistance after DIN EN ISO 4892-2	500 hours
Tensile force, lengthwise in accordance with DIN 527-3	approx. 50 N / 15 mm
Tensile force, crosswise in accordance with DIN 527-3	approx. 32 N / 15 mm
Expansion, lengthwise (DIN EN ISO 527-3)	approx. 60 %
Expansion, crosswise (DIN EN ISO 527-3)	approx. 60 %
Sealing against pressing water until	1.5 bar
S _d -value in accordance with DIN EN 1931	> 30 m ± 5 m
Temperature resistance	- 22 + 90 °C
Vapour diffusion behaviour	Vapour diffusion-inhibiting
Permissible movement accommodation	max. 30 %
Classification of the reaction to fire in accordance with DIN EN 13501-1	E

Application

Consumption	approx. 1 m per m
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System components in accordance with AbP AIV

Joint Sealing tape	ASO-Dichtband-2000-Ecken (Innen und Aussen) ASO-Dichtmanschette-Boden ASO-Dichtmanschette-Wand
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Processing equipment

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 exposure class of DIN 18534, DIN 18535 and DIN 18531.

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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

Measures for substrate preparation

Instructions for substrate preparation can be found in the technical data sheet of the selected sealing material.

Application

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 into the waterproofing layer meticulously without voids or wrinkles, using a flat trowel or pressure roller.
3. Press in the joint sealing tape in the waterproofing layer meticulously without voids or wrinkles, using a flat trowel or pressure roller.
4. If a liquid waterproofing membrane is used, apply the second layer of waterproofing membrane on top of the connecting waterproofing tape.
5. Bond joint-tape edges or connections with the waterproofing material without wrinkles, covering the whole area, and overcoat after.
6. Joint-tape edges or connections to pre-formed pieces are applied with an overlap of at least 5 cm.
7. For structural movement joints, ASO[®]-Dichtband-2000 is inserted into the joint and the fresh layer in the form of a loop.

Storage conditions

Storage

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

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".

Notes

- ASO[®]-Dichtband-2000 may not be glued or overcoated afterwards with products containing solvents.
- Joints that are secured with ASO[®]-Dichtband-2000 must be adequately protected against mechanical damage!
- Remove adhesive strips from any existing interfaces of the joint tape roll. Establish the connection area overlapping.
- Border, field, building separation and movement joints should be carried over to or installed at the designated location; suitable means (e.g. edge strips) should be used to detach them!
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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

System components in accordance with PG-AIV-F

System components	Exposure classes in accordance with testing principles of DIBt		
	PG-AIV-F, wear class:		In accordance with PG-MDS
	A	B	Waterproofing of buildings
	Water impact classes in accordance with DIN 18534 part 3 and ZDB data sheet (* 1) W0-I to W3-I (without chemical exposure)	Water impact classes in accordance with DIN 18535 part 3, W1-B W2-B	
ASO-Dichtband-2000	x	x	-
ASO-Dichtband-2000-Ecken, (90°, innen/außen)	x	x	-
ASO-Dichtband-2000-S-Ecken, (90°, innen/außen)	x	x	x
ASO-Dichtmanschette-Boden/-Wand	x	x	x
ADF-Rohrmanschette	-	-	x
ADF-Dehnfugenband	-	-	x
ASO-Dichtband-120	x	-	-
ASO-Dichtmanschette-W	x	-	-
ASO-Dichtecke-I/-A	x	-	-
ASO-Gefällecke	x	-	-
ASO-Dichtmanschette-B	x	-	-
UNIFIX-S3	x	x	-
MONOFLEX-white	x	x	-
MONOFLEX-white modified with UNIFLEX-F in a mass ratio of 3:1	x	x	-
LIGHTFLEX	x	x	-
MONOFLEX	x	x	-
MONOFLEX-XL	x	x	-
MONOFLEX-fast	x	-	-
MONOFLEX-FB	x	x	-
ASODUR-EKF	x	x	-
CRISTALLFUGE-EPOX	x	x	-
SOLOFLEX	x	x	-
AK7P	x	x	-
CRISTALLIT-FLEX	x	-	-
UNIFIX-S3-fast	x	-	-
AQUAFIN-RS300	x	x	x

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Conformity / Declaration / Verification

 0799	
SCHOMBURG GmbH & Co. KG Aquafinstraße 2-8 D-32760 Detmold (Germany) 18 204990 SANIFLEX-EU Kit for producing waterproofing for walls and floors in wet areas	
0799-CPR-150	
ETA-17/0469 ETAG 022-1	
Reaction to fire	E
Release of hazardous substances	see SD sheet
Water vapour permeability	with ASO-Unigrund-D, $s_d \approx 44m$ with ASO-Unigrund-GE/K, $s_d \approx 9m$ with ASO-Unigrund-S, $s_d \approx 6.8m$
Watertightness after EN 13967	watertight
Crack-bridging capacity	Category 1: 0.4 mm
Tensile adhesion strength	≥ 0.5 MPa
Crack bridging ability	Category 2: waterproof
Watertightness at intersections	Category 2: waterproof
Resistant to water	Category 2: ≥ 0.5 MPa
Temperature resistance	Category 2: temperature resistant
Resistance to alkalis	Category 2: resistant to alkalis
Workability	applicable
Thickness:	minimum 0.5 mm

Chemical durability

Test fluid	Concentration	(≤ 8 hours) low resistance	(≤ 72 hours) medium resistance	(≤ 14 days) high resistance
Inorganic acids				
Hydrochloric acid	0,03%			X
Sulphuric acid	0,35%			X
Organic acids				
Citric acid	100 g/l			X
Lactic acid	20			X
Alkalis				
Caustic potash	0,2 %			X
Sodium hydroxide	0,3 g/l			X
Salt water	20 g/l Sea salt			X

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