

## ASO<sup>®</sup>-Dichtband-120

Joint tape for bonded waterproofing



| Material number | Length | Width, article | Material strength | Packaging | Colour                   |
|-----------------|--------|----------------|-------------------|-----------|--------------------------|
| 206130001       | 50 m   | 12 cm          | approx. 0.6 mm    | Roll      | Grey with SCHOMBURG logo |

### Product features

- Fleece-laminated joint sealing tape
- Flexible and stretchy
- Crack bridging

### Advantages

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

### 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

### Existing test certificates

- Emission tests
- EMICODE licence

# ASO<sup>®</sup>-Dichtband-120

## Technical Data

### Material properties

|  |   |
|--|---|
| Product components                                     | Roll goods  |
| Base material  | TPE<br>Composite material: Fleece-membrane-fleece |
| Burst pressure   | ≥ 2 bar   |
| Reaction to fire in accordance with DIN EN 4102        | B2  |
| Expansion, lengthwise (DIN EN ISO 527-3)               | > 50 %  |
| Expansion, crosswise (DIN EN ISO 527-3)                | > 200 %   |
| Tensile force, lengthwise in accordance with DIN 527-3 | approx. 85 N / 15 mm                              |
| Tensile force, crosswise in accordance with DIN 527-3  | approx. 15 N / 15 mm                              |
| Sealing against pressing water until                   | 1.5 bar   |
| Sd value in accordance with DIN EN 1931                | > 14 m ± 7 m                                      |
| Temperature resistance                                 | - 30 + 90 °C                                      |
| UV-resistance as per DIN EN ISO 4892-3                 | ≥ 500 hours                                       |
| Vapour diffusion behaviour                             | Vapour diffusion-inhibiting                       |
| Permissible movement accommodation                     | max. 30 %   |

### Application

|             |                   |
|-------------|-------------------|
| Consumption | approx. 1 m per m |
|-------------|-------------------|

## 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, cementlime 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

### Measures for substrate preparation

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

## ASO<sup>®</sup>-Dichtband-120

### 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. Lay ASO<sup>®</sup>-Dichtband-120 in the fresh layer.
3. For structural movement joints, ASO<sup>®</sup>-Dichtband-120 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. Press in the joint sealing tape in the waterproofing layer meticulously without voids or wrinkles, using a flat trowel or pressure roller.
6. Joint-tape edges or connections to pre-formed pieces are applied with an overlap of at least 5 cm.
7. Bond joint-tape edges or connections with the waterproofing material without wrinkles, covering the whole area, and overcoat after.
8. If a liquid waterproofing membrane is used, apply the second layer of waterproofing membrane on top of the connecting waterproofing tape.

### 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, line 8 in accordance with DGNB criteria "ENV 1.2 Risks to the local environment".

### Notes

- Joints that are secured with ASO<sup>®</sup>-Dichtband-120 must be adequately protected against mechanical damage!
- ASO<sup>®</sup>-Dichtband-120 may not be glued or overcoated afterwards with products containing solvents.
- Border, field, structural movement joints 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!

**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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