



Technical Data Sheet

ASO[®]-DB-Standard

Waterproof tape for projects

Art.-No 2 05987

- water impermeable
- elastic
- UV stabilized

Areas of application:

ASO-DB-Standard is used for the formation of flexible, water impermeable movement joints and connecting joints beneath tiles within SANIFLEX, AQUAFIN-1K-PREMIUM and AQUAFIN-2K/M-PLUS waterproof membranes.

ASO-DB-Standard is easy to use and forms an intimate bond with the above named waterproof systems.

ASO-DB-Standard can be used in wet duty classes A0 and B0 in accordance with the ZDB information sheet "Bonded waterproof membranes". Also for bonded waterproofing (AIV) in accordance with DIN 18531, DIN 18534 in the water exposure classes WO-I and W1-I.

ASO-DB-Standard fulfills the requirements of the test principles of the DIBt and the information sheet "Bonded waterproof membranes" that relate to the conditions in wet duty classes A and C.

Technical Data:

Basis:	polyester fabric with a thermoplastic polyvinyl chloride (PVC) elastomer coating
Colour:	grey
Thickness:	0.62-0.80 mm
Bursting pressure max:	approx. 4 bar
Impermeability to water in accordance with DIN EN 1928:	≥ 1.5 bar
Temperature resistance:	from -22° C to +60° C
UV resistance:	minimum 500 hours according to DIN EN ISO 4892-2

Elongation, longitudinal according to DIN 527-3: ≥ 20%

Elongation, transverse

according to DIN 527-3: ≥ 80%

The chemical resistance after 7 days storage at +22 °C, is given for the following chemicals:

Hydrochloric acid 3%

Sulphuric acid 35%

Citric acid 100 g/l

Potassium hydroxide 3%

Sodium hydroxide 0.3 g/l

Salt water 20 g/l (sea salt)

Packaging: 50 m roll (up to a cutting point/15 m), width 120 mm ± 2 mm, centre section approx. 70 mm wide elastomer coating, in a single box,

140 pieces/pallet in a pallet box

Storage: 24 months, cool, dry, protected from sunlight and weathering

Product application:

Using a 4-6 mm notched trowel, apply the waterproof coating a minimum of 2 cm wider than the waterproof tape, to both sides of the joint to be bridged. Lay the ASO-DB-Standard into the fresh coat - elastomeric strip uppermost - and subsequently carefully press into the waterproof coat, without creating voids or folds, using a steel trowel or roller. Watch for a full bedding and coverage. The bonding must be completed in such a way so that water cannot migrate around the back of the ASO-DB-Standard. Over movement joints lay the ASO-DB-Standard in a loop. Overlap waterproof tape joints by a minimum of 5 to 10 cm, fully bond without folds with the waterproof coating and then overcoat. The movement joint area (for the subsequent application of an elastic joint) can remain free from the waterproof coating.

ASO®-DB-Standard

Advice:

- Follow recognized technical regulations.
- Joints that have been secured with ASO-DB-Standard must be adequately protected against mechanical damage.
- ASO-DB-Standard may not be bonded or coated with solvent-based products.
- Use ASO-Joint-Tape-2000-S for wall/floor junctions in areas in contact with the ground and for structural joints.
- Heed the relevant current regulations. E.g.

DIN 18157

DIN 18531

DIN 18534

The BEB information sheets distributed by the Bundesverband Estrich und Belag e.V.

The ZDB information sheets, distributed by the professional association of the German Tile Industry:

[* 1] "Bonded waterproof membranes"

[* 3] "Movement joints in tiled wall and floor finishes"

[* 5] "Ceramic tiles, natural stone tiles and cement-bound composite tiles on cement-based floor constructions on insulation"

[* 6] "Ceramic tiles, natural stone tiles and cement-bound composite tiles on heated cement-based floor constructions"