



Technical Data Sheet

ASOFLEX-SDM

Elastic 2 component sealant

Art.-No. 2 03109

- elastic
- solvent-free
- high adhesion strength
- impermeable to water
- resistant to changes in temperature
- resistant to weak concentrations of acids and alkalis

Areas of application:

ASOFLEX-SDM is used for sealing around pipe penetrations as well as floor drains and edge trims. As part of the waterproofing measures, overcoat ASOFLEX-SDM with ASOFLEX-AKB-floor and wall.

Technical Data:

Basis:	polyurethane resin
Colour:	grey
Viscosity:	trowelable consistency
Density:	1.45 g/cm ³
Mixing ratio:	6 : 1 parts by weight
Pot life:	45 mins. at +20 °C
Overcoat:	after 16 hrs at +20 °C
Fully cured:	after 7 days at +20 °C
Shore A hardness:	90
Cleaning:	Clean work tools immediately after use with ASO-R001
Packaging:	1 kg packs Components A and B are supplied at a pre-determined mix ration
Storage:	12 month when stored dry and cool in the original unopened packaging. If crystallization occurs, it can be rectified within approx. 2 hrs by a water bath at +50 to +60° C. The material can then be used. Storage is to be in accordance with laws regulating the storage of materials hazardous to water. When stored for longer periods, the reactivity can diminish.

Substrate preparation:

The area to be treated must be:

- dry, firm, sound and have a good key
- free from separating and adhesion inhibiting substances such as dust, laitance, grease, rubber marks, paint residues and similar
- protected from moisture penetration from the rear.

Use suitable means to prepare the substrate dependent on its condition such as e.g. sweeping, vacuuming, brushing, grinding and sand blasting. The following criteria are to be observed dependent on the particular substrate:

Cementitious surfaces:

- Concrete quality: min. B 25
- Screed quality: min. ZE 30
- Render quality: P III a/b
- Age: min. 28 days
- Tensile adhesion strength: $\geq 1.5 \text{ N/mm}^2$
- Residual moisture: < 4 %

Prepare iron and steel surfaces by appropriately de-rusting to standard purity Sa 2.5 in accordance with DIN 55 928.

Product preparation:

Components A (resin) and B (hardener) are delivered at a predetermined mixing ratio. Tip component B into component A. Ensure that the hardener drains completely from its container. Mixing of both components is to be carried out with suitable stirring equipment. It is important to also stir from the sides and the bottom to ensure that the hardener is evenly dispersed. Stir until the mix is homogenous (free from streaks). The minimum temperature during mixing should be +15° C. The trowelable consistency appears during the mixing process.

ASOFLEX-SDM

Method of application / consumption:

Priming:

Before using ASOFLEX-SDM, prepare the substrate and prime the surface filling all pores with two coats of ASODUR-GBM. (refer to the technical data sheet for ASODUR-GBM)

Consumption: approx. 300–500 g/m² per coat
Whilst the second coat of primer is still wet, broadcast with 0.2-0.7 mm diameter quartz sand.

Consumption: approx. 1000 g/m²

Connections with plastic (PVC or ABS) or stainless steel floor drains, waterproof flanges:

Prepare stainless steel, non-ferrous metal or plastic (PVC or ABS) waterproof flanges by degreasing and abrading.

Bonding primer: Apply one coat of INDU-Primer-IN by paint brush and evenly spread using a cloth.

Consumption: approx. 40–60 g/m²

Sealing:

Without voids, trowel apply ASOFLEX-SDM to the area to be sealed. Then professionally sand the area and remove excess sand once cured.

Consumption: approx. 1.45 g/cm³

Health & Safety:

Once cured ASOFLEX-SDM is considered harmless. The hardener (component B) is corrosive. When using this product the government health and safety protective directive, data sheet M 044 should be observed as well as the advice on the packaging.

Advice:

- The bond between individual coats can be greatly impeded through moisture or contamination between layers.
- Protect areas not being treated with ASOFLEX-SDM.
- Disposal key:
Liquid residues: EAK 08 01 11 paint and lacquer waste, which contain organic solvents or other hazardous substances.
Cured product residues: EAK 17 02 03 plastics.

Please observe a current valid EU Safety Data Sheet.

GISCODE: PU40