



Single-component, low-solvent liquid plastic for permanently elastic detail waterproofing

- spreadable and rollable
- elastic and cold-flexible
- alkali-resistant and bitumen-compatible
- bond-active



APPLICATIONS

- for waterproofing earth-covered ceilings (W3-E) and the wall base area (W4-E) according to DIN 18533
- for waterproofing the exterior of floor-length windows and doors and below window sills
- connection waterproofing between metal/copper and plastic
- waterproofing of joints in concrete constructions in accordance with PG-FBB and PG-ÜBB and component joints in basement constructions with regard to precast concrete components
- waterproofing of break-throughs, light shafts and edge joints on balconies/terraces

SUBSTRATE

- | | |
|-------------------------|---|
| Properties/tests | <ul style="list-style-type: none"> ■ The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings. |
| Pretreatment | <ul style="list-style-type: none"> ■ Seal connection joints with suitable joint closure and adhesive compound to prevent quick-mix FKD from running in joints and cracks. ■ Prime mineral and absorbent substrates with quick-mix UHV universal adhesion promoter (consumption approx. 100 – 200 ml/m²). For non-absorbent substrates (e.g. metals, non-ferrous metals, plastics), the consumption is about 30 - 50 ml/m². ■ quick-mix FKD adheres to bituminous substrates without primer. ■ In the case of undefined substrates and in case of doubt, carry out a preliminary test. |

COMPOSITION

- Polyurethane resin
- Fillers
- Solvents

PROCESSING

- | | |
|--------------------|---|
| Temperature | <ul style="list-style-type: none"> ■ Do not use in case of air, material and substrate temperatures of less than +5°C or over +30°C. |
|--------------------|---|



PROCESSING

Applying

- Carefully open the sheet metal bucket of the FKD liquid plastic detail waterproofing at the edge to allow for possible later closure. Using a roller or a brush, generously coat the surface to be sealed. Now insert the previously cut quick-mix SVL system nonwoven into the fresh layer. Make sure the nonwoven is sufficiently saturated (dark colouration). The subsequent second coat with FKD can be done wet-in-wet or alternatively after the first layer has dried. The system nonwoven must be protected from rain until the second sealing layer is applied. The non-woven membranes are to be installed with an overlap of approx. 5 cm. The nonwoven must be completely covered by the liquid plastic. The surface can be loaded after both layers have dried.
- As a seal of earth-covered ceilings (W3-E) and the base area (W4-E) according to DIN 18533, the total dry layer thickness must be at least 2.1 mm according to the General Building Authority Test Certificate. The layer thickness must not be less than that at any point.

Subsequent coating / Suitability for coating

- quick-mix FKD is highly weather-resistant and can be exposed to the weather without protection. Appropriate protection of the detail waterproofing is recommended with constant, daily mechanical stress. Drainage boards and insulating materials are usually installed in the basement. The requirements of DIN 18533 on the subject of protective coatings must be observed.

PACKAGING

- 7.5 kg/bucket

STORAGE

- Store dry and as per instructions.
- Protect against direct sunlight.
- Seal opened containers airtight and process them quickly; store them "upside down".
- Can be stored in sealed container/bag for at least 9 months from manufacturing date.

QUANTITY REQUIRED / YIELD

- consumption: approx. 2.5–3.5 kg/m² depending on load and substrate

TECHNICAL DATA

Density	approx. 1,6 g/cm ³
Crack bridging class	RÜ3-E according to DIN 18533
Elongation at break	approx. 80 %
Crack bridging capacity	2 mm
Walkability	after approx. 24 hours
Curing time	approx. 24 hours
Colour	grey

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.



SAFETY AND DISPOSAL INSTRUCTIONS

- | | |
|-----------------|---|
| Safety | ■ Follow further instructions in the safety data sheet. |
| Disposal | ■ Completely empty and recycle the packaging.
■ Dispose of the material in accordance with the official regulations. |

GENERAL INFORMATION

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. The technical data refer to + 20 ° C and 60% relative humidity. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.