

DATASHEET

Okamul DF

Elastic polymer-based waterproofing and crack isolation membrane system



- for installation under ceramic tiles
- extremely flexible
- excellent crack isolation characteristics
- test report „general building authority test certificate“ available

PRODUCT DESCRIPTION

Ready to use, solvent-free, flexible waterproofing and crack isolation membrane system for substrates in moist and wet areas under ceramic tile on interior walls and floors including bathrooms without floor drain with shower basin or tub, showers without shower basin and sanitary rooms in public and industrial areas with floor drain. Depending on the humidity protection category substrates such as sheet-rock (DIN 18 163), gypsum plaster-board and gypsum fiber-board (DIN 4166), plaster (DIN 18 550 part 1 + 2) of mortar types II + III, masonry, (DIN 1053), concrete (DIN 1045), autoclaved aerated concrete (AAC) building units (DIN 4166), light-weight concrete walls (DIN 18 148) or cement and poured mastic asphalt screed (DIN 18 560) are suitable.

Okamul DF meets the requirements indicated in the data sheet issued by the association of the German tile trade on "Waterproofing Procedures". Please follow these directions. Inspected by the Official Inspection Institute (Amtliche Materialprüfanstalt) Clausthal-Zellerfeld, Germany

SUBSTRATE PREPARATION

The substrate must be dry, clean, load bearing and appropriate for wet areas. Prime absorbent substrates with **Okatmos® GGS** or **Okatmos® UG 30**. Prime non-absorbent substrates with **Okatmos® UG 30**.

PROCESSING

Apply **Okamul DF** with a paintbrush, roller or trowel. Dilute to a maximum of 0.5 % with water if necessary. In order to guarantee a secure seal, it is recommended to apply at least one more coat after the first application has dried. To avoid cracking in corners imbed **sealing strips** (Dichtband) and preshaped inside and outside **corner sealers** (Dichtecke innen/außen) and **"Wall" and "Floor" seal sleeves** (Dichtmanschette "Wand"/"Boden") around pipe openings and floor drains into the first application while wet.

All flexible tile and marble adhesives by company Kiesel can be used for installations over **Okamul DF**. If necessary, use **Okamul DZ 18** additive for standard adhesives.

Earthenware tile installations with **Okamul NKS** may require a curing process of up to 7 days.

SPECIFICATIONS

Color	light gray
Application	interior walls and floors
Density	approx. 1,5 g/cm ³
Application temperature	+5 °C to +25 °C (41 °F to 77 °F)(substrate)
Ready for traffic*	approx. after 6 hours
Drying time*	approx. 1-2 hours before next layer
GISCODE	D 1 according to TRGS 610
Number of layers	minimum 2

** At 68°F (+20°) and 65% relative humidity.

Higher temperature and low humidity decreases,
lower temperature and high humidity increases
this value respectively.

COVERAGE

approx. 84 - 94 sq.ft./US gal. (0,5 - 0,6 kg/m²) for each layer

CLEANING

Clean tools with water immediately after application.

PACKAGING

Product description	Item no.	Item no.
40 x 14 kg, light grey, plastic buckets	12003	4015705120034
40 x 14 kg, dark grey, plastic buckets	12013	4015705120133

The aforementioned information, especially the proposals for processing and utilizing our product, is based on our knowledge and experience. We recommend that you carry out your own tests in every case to ensure the suitability of our products for the intended process and processing purposes because of the different materials and the working conditions which lie beyond our area of influence. No liability can be derived from this advice or from verbal advice, unless we are responsible for (criminal) intent or gross negligence in this respect.

Revised: 04.04.2019/me