

Elastic Polymer-based Waterproofing and Crack Isolation Membrane System

Okamul DF

- for installation under ceramic tiles
- extremely flexible
- excellent crack isolation characteristics
- tested according to ZDB-categories O, A01 and A02
- tested according to „ building code “ category A1 (German Institute for Construction Technology (DIBt)
- test report „general building authority test certificate“ available
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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 drains. 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

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 **Okamul GG** or **Okatmos® UG 30**. Prime non-absorbent substrates with **Okatmos® UG 30**.

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Processing

Apply **Okamul DF** with 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
wet film thickness	minimum 1/32" (0.7 mm)
Density	approx. 1,5 g/cm ³
Application temperature	41°F to 77°F (+5°C to +25°C) (substrate)
Ready for installation *	approx. after 6 hours
drying time*	approx. 1-2 hours before next layer
Marked according GefStoffV	no entry
GISCODE	D 1 according to TRGS 610
storage	store in frost protected area for up to 12 months
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

33 x 2.47 US gal. (14kg) 12003

plastic buckets

60 x 1.23 US gal. (7 kg) 12002

plastic buckets

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.

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