

**Type of material**

**All-in-1 primer:** substrate consolidation, adhesion promoter and primer for microbially (mould, bacteria) contaminated substrates.

Based on a new technology of nano-hybrid resins, high penetration depths and excellent consolidation of the substrate are achieved with the application of the water-based DISPERLITH PRIMER on absorbent substrates. On old coatings, the application of DISPERLITH PRIMER achieves a good adhesion for subsequent coats.

**Properties**

DISPERLITH PRIMER is a multifunctional product for high industrial demands with the following properties:

- Deep primer
- Bonding agent
- Resistant to mould and bacterial attack
- High penetration depths
- Suitable for mineral and organic surfaces, for absorbent and non-absorbent substrates
- Odourless
- Vapour diffusion open
- High penetration depths
- Processing from +5°C

**Areas of application**

DISPERLITH PRIMER is particularly suitable as a substrate pre-treatment for subsequent coating with dispersion, silicate or silicone resin paints. The primer is recommended for mineral and organic substrates with and without old coatings.

On microbially contaminated surfaces DISPERLITH PRIMER is a deep-acting functional primer. Suitable for interior and exterior use.

**Substrates**

Mineral renders, silicate and silicate dispersions, emulsion paints. DISPERLITH PRIMER achieves a high penetration depth on absorbent substrates due to its nanoscale structure.

**Substrate preparation**

To ensure correct application of the product, sufficient preparation must be carried out in accordance with VOB, part C DIN 18363, paragraph 3. In general, the surface must be clean and dry. Roughen smooth, slightly absorbent surfaces.

Surface cleaning of greasy, oily, dirty surfaces with FAKOLITH FK 11, diluted approx. 1:10-30 with water (depending on contamination).


Surface cleaning of mould and bacteria infested surfaces with FAKOLITH FK 12, diluted 1:4 with water.

Subsoil cleaning of yeast-infested substrates with FAKOLITH FK 39 pure.

**Processing**

Pur. Application of DISPERLITH PRIMER by brush, roller or airless spraying. Apply 2 coats on highly absorbent or microbially contaminated substrates.

The drying time between the 2 coats of DISPERLITH PRIMER is 2 hours (20°C and 50% relative humidity). For airless spray application we recommend the following setting: Nozzle 4/12, spray pressure 40 bar. Undiluted. Recoat after

	drying with dispersion paints.
Binder	Nanohybrid resins
VOC content	Category: g (Wb). Max. 30 g/l VOC (Directive 2004/42/EC). Max. 15 g/l VOC (EcoLabel). The product contains less than 5 g/l VOC.
Density at 25°C	Approx. 1.02 ± 0.02 g/cm <sup>3</sup>
Flash point	Not applicable
Gloss level	Light glossy
Colour shade	Whitish, colourless drying
Tinting	Not foreseen
Consumption	Approx. 100-200 ml/m <sup>2</sup> . Depending on the absorbency of the substrate and the number of coats.
Dilution	Water
Drying time	4 hours at 20°C and 50 % relative humidity. At low temperatures correspondingly longer. The room temperature and humidity determine the final drying time.
Application temperature	From +5°C
Compatibility	Do not mix with other products.
Storage	24 months in a closed container. Do not store at temperatures below 5°C or above 30°C.
Container	1, 5 and 10 litre canisters
Occupational safety	Exclusive product for professional use in the food industry. For proper handling always read the safety data sheet, use your personal protective equipment and take the necessary measures.
Disposal	For disposal, observe local regulations. Dispose of liquid component in a suitable incinerator. The product can be disposed of with household waste after curing.
Note	The basis for planning a renovation is good documentation. We recommend using the FAKOLITH checklist and the "General Renovation Concepts". Both documents are available on the Internet at <a href="http://www.fakolith.de">www.fakolith.de</a> .
Safety datasheet	

**LEGAL NOTICE:**

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Technical information 12.10.2021