

Type of material	Aqueous concentrate on a pure acrylate dispersion basis with high penetration depth for substrate consolidation, levelling and insulation of absorbent mineral substrates and old coatings in interior and exterior areas.
Properties	Lightly pigmented, weather resistant, easy application. Toxicologically harmless, environmentally friendly, odourless. <ul style="list-style-type: none"> <li>■ Solidifies chalking mineral substrates and old coatings.</li> <li>■ Excellent insulating properties.</li> </ul>
Areas of application	<ul style="list-style-type: none"> <li>■ Subsoil consolidation To consolidate chalking plasters and to balance the absorbency of highly absorbent surfaces, use FAKOLITH FK 16 diluted 1:5 with water.</li> <li>■ Insulation For the isolation of smoke, fat, sugar compounds, nicotine and water stains as well as for fire restoration, process FAKOLITH FK 16 undiluted in a crosswise direction.  When wallpapering over surfaces that have been insulated with FAKOLITH FK 16, use low-water special adhesive to ensure good adhesion of the wallpaper to the insulation.</li> </ul>
Substrates	Mineral plasters, gypsum boards, gypsum plasterboards, fibre cement boards, sand-lime bricks, concrete, brick and absorbent, chalking paint coats.
Substrate preparation	Clean greasy, oily substrates with FAKOLITH FK 11, diluted 1:20 with water. Clean substrates attacked by mould, bacteria, algae with FAKOLITH FK 12 diluted 1:4 with water and then apply FAKOLITH FK 14 Antifungal Solution. Clean substrates attacked by yeasts with FAKOLITH FK 39 Reaction Cleaner. Then apply FAKOLITH FK 14 Antifungal Solution. After drying, sweep the substrate and apply FAKOLITH FK 16.
Processing	<p>Apply by brushing, rolling, spraying (also airless). Clean tools immediately after use with water. Stir (shake) the material well before application. When wallpapering over surfaces that have been insulated with FAKOLITH FK 16, use only low-water special adhesive or apply a coat of paint.</p> <p>Recoating of FAKOLITH FK 16 Deep Primer and FAKOLITH FK 16 Insulation with emulsion paint or solvent-based paints, e.g. FK 5, FK 10, DISPERLITH Paints, FAKOLITH FK 3000 etc.</p> <p>Can also be used without problems in rooms without explosion-proof installation, with insufficient ventilation or in which luxury foods and foodstuffs are produced or stored.</p> <p>To isolate <u>chalking substrates</u>, proceed in 2 working steps.</p> <ol style="list-style-type: none"> <li>1. Substrate consolidation: Apply FK 16 as deep primer diluted 1:5 with water.</li> <li>2. Apply Insulation FK 16 2x in a criss-cross pattern <b>undiluted</b>.</li> </ol>
Binder	100% pure acrylic

VOC content	Category: g (Wb) Maximum 30 g/l VOC (Directive 2004/42/EC). The product contains max. 30 g/l VOC.
Pigmentation	Titanium dioxide rutile
Density at 25°C	1.1 g/cm <sup>3</sup> (DIN 53217)
Flash point	Not applicable
Gloss level	Matt to slightly glossy (depending on application, absorbency and substrate condition)
Colour shade	Colourless (milky)
Tinting	Not foreseen
Consumption	As deep primer approx. 17 ml/m <sup>2</sup> concentrate, as insulation approx. 100 ml/m <sup>2</sup> , depending on absorbency and substrate condition.
Dilution	Water. Dilute as follows, depending on the type of use: <b>Deep primer:</b> Dilute 1:5 with water. For slightly absorbent substrates, reduce dilution ratio to 1:3. <b>Insulation:</b> Apply pure crosswise.
Drying time	Deep primer: Can be painted over after approx. 2 - 3 hours Insulation: Can be painted over after approx. 24 hours  (Data on drying times according to standard climate +20°C/60% relative humidity. In cool weather, high humidity and insufficient exhaust air possibilities, correspondingly longer drying times must be observed).
Application temperature	+10°C for circulating air and object
Compatibility	Do not mix with other products
Storage	Approx. 2 years (closed containers). Store frost-free - not below +5°C.
Container	1, 5 and 10 litre containers
Occupational safety	For proper handling, read the safety data sheet, use your personal protective equipment and take the prescribed measures.
Disposal	For disposal, observe local regulations. Dispose of liquid component in a suitable incinerator. Product can be disposed of with household waste after curing.
Note	Basically, attention should be paid to the pre-treatment of the substrates. For this purpose, FAKOLITH FK 11 Grease Cleaner, FAKOLITH FK 12 Mould, Algae and Green Film Cleaner and FAKOLITH FK 14 Anti-Fungal Substrate Remover are available.

Safety Data Sheet

**LEGAL NOTICE:**

The companies FAKOLITH Farben GmbH and FAKOLITH Chemical Systems S.L.U. are certified according to the quality management system DIN EN ISO 9001:2015 by TÜV Rheinland Cert, Cert. No. 01100071679/01.



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