



Type of material	<p>Solvent-free microemulsion on silane/siloxane basis for the waterproofing and consolidation of mineral substrates in exterior areas.</p> <p>FAKOLITH FK 7 reacts after dilution with drinking water to form a solid water-repellent zone in the building structure. Good resistance to influences such as UV radiation, weak alkalis, acids, weather resistant, dirt repellent. Preservatives biodegradable.</p>
Properties	<ul style="list-style-type: none"> ■ Prevention of salt, liquid water and alkali transport from the interior of the building material to the surface through the formation of a hydrophobic zone ■ Water vapour and CO² permeable, therefore no change in the breathing activity of mineral substrates ■ Non film forming ■ Alkali-resistant ■ High penetration depth ■ Subsoil consolidation ■ Remedial solution for substrates affected by mould, algae, lichen and moss ■ Fungicidal and algicidal surface protection with long-term effect and hydrophobic protection
Areas of application	<p>FAKOLITH FK 7 Microemulsion is a combination of Primer (consolidation of the substrate)</p> <ul style="list-style-type: none"> ■ Impregnation ■ Anti-fungal solution for the remediation of mould, algae and moss ■ Mould protection emulsion to prevent the growth of mould, algae and moss infestation <p>Sanding substrates are consolidated and the surface is effectively protected against weathering in the long term without impairing vapour diffusion.</p> <p>In addition, the substrate is deeply rehabilitated in case of mould, algae or moss infestation and superficially protected against renewed infestation and contamination by environmental influences.</p> <p>Crack bridging up to 0.2 cm. The surfaces to be coated should have a slope, as oversaturation of the substrate can also lead to discolouration.</p>
Substrates	<ul style="list-style-type: none"> - Plaster - Mortar - Brick and clinker - Sand-lime bricks - Natural stones (according to sample) - Concrete - Aerated concrete <p>When used on natural stone, partial discolouration may occur in rare cases. Unsuitable substrates are marble and all non-absorbent materials.</p>
Application	<p>Dilute 1:14 with drinking water, depending on the absorbency of the substrate.</p>

	For highly absorbent or very porous substrates dilute 1:12. Pot life approx. 10 hours.
Processing	Brush, roll or flood evenly without pressure. 2-3 times wet in wet. The ready-to-use thinner should be applied within approx. 8 hours. Pot life approx. 10 hours. Prepare substrate by suitable method. Salt efflorescence must be removed beforehand with the neutralising agent FAKOLITH FK 12 Cleaner, as they hinder the effect of FAKOLITH FK 7. Clean tools immediately after use with water.
VOC content	Does not apply.
Density at 25°C	1 g/cm ³
Flash point	> +25°C
Ingredients	Silane / Siloxane
Viscosity	1-10 mPa.s
Gloss level	No change in the gloss level of the surface, minimal colour intensification.
Colour shade	Yellowish clear liquid. Dries transparent.
Consumption	Strongly dependent on the absorbency of the substrate. Determine exact values by trial coating. Approx. 200-400 ml/m ² ready-to-use solution.
Dilution	1:14 with drinking water (results in 15 L ready-to-use solution, sufficient for approx. 50 m ²).
Drying time	The impregnation and beading effect develops after 2-5 days. Can be exposed to rain after approx. 3 hours. FK 7 can also be painted over with silicone resin paints or FAKOLITH facade paint after drying.
Application temperature	From +3°C for circulating air and object and max. 70% relative humidity.
Storage	2 years if container is tightly closed, store in a cool and dry place.
Container	100 ml, 1, 5 and 10 litre canisters.
Occupational safety	For proper handling, read the safety data sheet, use your personal protective equipment and take the prescribed measures.
Disposal	Must be given special treatment in compliance with official regulations.
Note	Use biocides safely. Always read label and product information before use. Registration number: N-59257.
Safety datasheet	

	
FAKOLITH Colours GmbH Carl-Benz-Str. 19 64658 Fürth	
EN 1504-2:2004 Surface protection product - hydrophobic impregnation EN 1504-2: ZA. 1a	
Penetration	Class I: < 10 mm
Water absorption and alkali resistance	Absorption coefficient < 7.5 % in comparison with the untreated test specimen Absorption coefficient < 10 % after immersion in alkaline solution
Drying speed	Class I: > 30
Mass loss after frost, de-icing salt and alternating stresses	NPD
Dangerous substances	Conformity with EN 1504-2, 5.3

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