



Type of material	<p>Multifunctional product for the restoration and protection of soaked mineral substrates, e.g. after flood damage or a burst water pipe.</p> <p>AQUA.SILAN.CONTROL is a product with high efficiency. Substrates damaged by moisture and dirty water are</p> <ul style="list-style-type: none"> - consolidated, - deep-seated mould spores permanently destroyed, - the still residual moisture of the substrate is protected against mould and bacterial attack. <p>The substrate remains open to diffusion even after the renovation carried out with AQUA.SILAN.CONTROL and can dry out in the long term. Due to the prophylactic properties of AQUA.SILAN.CONTROL, the formation of mould and bacteria on the still moist substrate is prevented during the drying phase.</p>
Properties	<ul style="list-style-type: none"> ■ Prevents the formation of mould and bacteria after moisture penetration of the building component and promotes the drying process ■ Highly permeable to water vapour ■ Can be painted over after the masonry has dried out ■ Consolidates mineral substrates ■ Alkali-resistant ■ High penetration depth ■ Non film forming ■ Remedial solution for mould-infested substrates ■ Fungicidal surface protection with long-term effect <p>Please note: If AQUA.SILAN.CONTROL is to be recoated with a mineral render after drying, a quartz primer must be applied as a bonding agent.</p>
Areas of application	<p>AQUA.SILAN.CONTROL is suitable for all mineral substrates (also those painted with silicate or emulsion paint, but still absorbent). A sample application is recommended on natural stone.</p>
Substrates	<ul style="list-style-type: none"> - Plaster - Mortar - Brick and clinker - Sand-lime bricks - Natural stones (according to sample) - Concrete - Aerated concrete - Old coatings (absorbent) - Wood
Substrate preparation	<p>Clean the substrate with FAKOLITH FK 12 germ-free, diluted 1:4 with water. Wash well with clear water. Repeat the cleaning process if necessary. Bacteria are eliminated with the cleaning and unpleasant musty odours are already significantly reduced. In addition, cleaning with FAKOLITH FK 12 increases the penetration depth of AQUA.SILAN.CONTROL in the subsequent work step.</p>
Application	<p>Dilute 1:14 with drinking water, depending on the absorbency of the substrate. For highly absorbent or very porous substrates dilute 1:12. Pot life approx. 5 hours.</p>

Processing	Apply AQUA.SILAN.CONTROL 2x wet in wet (brush, roll, flood without pressure). After approx. 48 hours the product unfolds its full effect. Clean tools immediately after use with water.
VOC content	Does not apply.
Density at 25°C	1.000 g/cm ³
Flash point	> +25°C
Ingredients	Silane / siloxane mixture
Viscosity	1-10 mPa.s
Gloss level	No change in the gloss level of the surface on absorbent substrates.
Colour shade	Yellowish clear liquid. Dries transparent.
Consumption	Approx. 300 ml/m ² ready-to-use solution, depending on the absorbency of the substrate.
Dilution	1:14 with drinking water (results in 15 L ready-to-use solution, sufficient for approx. 50 m ²).
Drying time	AQUA.SILAN.CONTROL can be recoated with silicate dispersion or emulsion paints after approx. 12 hours. We recommend applying the subsequent coat of paint only after the substrate has dried and using a diffusion-open paint. Complete drying of the micro emulsion after approx. 36 hours (depending on residual moisture, temperature and air humidity).
Application temperature	From +3°C for circulating air and object and max. 70% relative humidity.
Storage	Store in a cool, dry place for 2 years in a tightly closed container.
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-53721.
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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