



PRODUCTS FOR PROFESSIONALS!

Mould protection = moisture protection

Depending on the damage pattern, the masonry and the facade of the building must also be included in the cause analysis in the case of mould infestation. Even a phase of increased humidity on the wall surface can lead to mould and bacterial infestation. The combination of the factors high humidity, uninsulated exterior walls and insufficient ventilation are the most common cause of mould infestation indoors.

However, increased wall moisture can also be due to other factors. Rising or pressing moisture, especially in building components in contact with the ground, façades that are not intact, incorrectly or unremediated flood and pipe damage, as well as structural defects can lead to permanent moisture penetration of the masonry. If this damage to the building is not professionally repaired, even effective mould remediation is not possible. To protect a building from moisture damage, we recommend preventive measures, such as the hydrophobisation of plinths and façades. To eliminate the consequences of flood and pipe damage, we offer functional remediation products.

Moisture protection for facades

Driving rain protection with FAKOLITH FK 7 and AQUA.SILAN.GUARD



Impregnations and hydrophobic coatings protect surfaces from weathering and moisture penetration. They are a professional and reliable prophylaxis to prevent moisture damage to facades. Drying transparently, they can also be used as an effective interim solution as part of an immediate measure, before the later planned renovation of a façade. These FAKOLITH products offer maximum protection for mineral surfaces and old coatings in exterior areas:

AQUA.SILAN.GUARD impregnating cream, based on alkylalkoxysilanes. High comfort during application due to only one application of the impregnating cream.

FAKOLITH FK 7 concentrate, microemulsion, silane-siloxane-based. FAKOLITH FK 7 additionally consolidates the substrate and provides effective surface protection against mould, algae and moss infestation. Dilution 1:14 with water, thus economical in use.

Rising dampness

Borehole injection with AQUA.SILAN.INJECTION



A borehole injection protects the wall against rising damp by forming a horizontal barrier. For this purpose, holes are drilled horizontally into the wall at a distance of approx. 100 mm in the lower base area and filled once with the injection cream AQUA.SILAN.INJECTION. After approx. 10 days, the horizontal barrier forms completely. It prevents the rising of moisture beyond the borehole injection. Installed in the basement, the horizontal barrier protects living and basement rooms from the consequences of rising damp.

Functional products for flood and average damage

After water damage, action must be taken quickly to avoid mould and bacteria growth.

Eliminate unpleasant odours

Clean substrates infested with mould / bacteria with FAKOLITH FK 12



Also for neutralising salts that are harmful to the building.

Mould cleaner FAKOLITH FK 12, diluted 1:4 with water, is used to clean surfaces affected by mould and bacteria. FAKOLITH FK 12 binds spores, eliminates bad odours and delays the formation of new bacteria. Recommended first measure in case of moisture damage indoors. When used pure, it is also suitable for removing salts from masonry that are harmful to the building.

Flood and pipe damage

Restoration and drying out with AQUA.SILAN.CONTROL



After water damage, quick action is required to preserve the building's structure as best as possible. It is important to remove dirt and service water quickly and to clean the affected rooms or wall sections promptly with FAKOLITH FK 12 Anti-Mould Cleaner (mould + bacteria) or FAKOLITH Intensive Cleaner (oily contaminants). The subsequent application of the microemulsion AQUA.SILAN.CONTROL destroys mould and bacteria on and in the masonry. The surface is strengthened and at the same time protected from mould and bacteria during the drying phase.

Moisture damage in new buildings

Renovate and protect for the construction phase with AQUA.SILAN.CONTROL



The installation of screed and the plastering of walls in new buildings results in a maximum moisture load. If heating and ventilation are not controlled at this time, there is a risk of mould and bacterial infestation on the uninsulated walls and in the attic, especially in winter. AQUA.SILAN.CONTROL Microemulsion also protects these substrates from moisture damage.

i Do you have any questions about the selection, substrate preparation or application of FAKOLITH products? Our application technology team will be happy to help you by phone or e-mail.



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Remediation of mould and moisture damage - professionally and systematically!

Remediation of mould infestation indoors



Black spots in the window recess, in the skirting area, behind the cupboard or on the bathroom ceiling. The cause of mould infestation can already be a phase of increased air humidity. The excess humidity from the room air condenses on the surface of the wall when the dew point is reached. There is a risk of mould forming. The damage is often accompanied by a foul odour. This is caused by the simultaneous decomposition process of bacteria. Immediate action should be taken and mould remediation should be started.

Planning begins with reducing the risk to residents by implementing initial measures in the short term and identifying the causes of the Mould infestation. In the next step, mould damage is reliably remediated with FAKOLITH system products and, if necessary, prophylactically protected against moisture and microbial infestation.

How does the FAKOLITH 3-phase system work?



The cleaner

The cleaner FAKOLITH FK 12 binds the spores, removes the bad smell and cleans the surface from mould and bacteria. Active ingredient: Formic acid. Slight odour of vinegar (only for a short time during processing). Concentrate: Use 1:2 - 1:4 diluted with water. FAKOLITH FK 12 is ready for use in the spray bottle.



The antifungal solution

The antifungal FAKOLITH FK 14 penetrates deep into the subsoil and destroys the fungal mycelium in the subsoil. Active ingredient: quaternary ammonium compound. Odourless. Rooms can be used again immediately after application. For reliable removal of mould infestation, the products FK 12 and FK 14 should be used in combination.

Our Profi colours with film protection:

The selected combination of active ingredients and high-quality binders produces a paint with maximum resistance to mould, viruses and bacteria. Tested according to DIN EN 15457:2014-11, ISO 21702:2019-05, ISO 22196:2011-08.



DISPERLITH FK 5

Water-based interior paint with a high vapour diffusion. SD 0.07 m. Wet abrasion class 2. Especially recommended for ceilings and walls in living and sanitary areas.

DISPERLITH FK 10

Water-based damp-proof paint with a medium vapour diffusion. SD 0.27 m, wet abrasion class 1. Especially recommended for interiors with a medium to high moisture load, e.g. for wellness areas, shower and sanitary facilities.

DISPERLITH HYGIENIC

Water-based hygienic coating with a high vapour diffusion. SD 0.035 m, wet abrasion class 1. Disinfectant-resistant according to TÜV SÜD test. Especially recommended for hygienically demanding interiors, e.g. doctors' surgeries, hospitals, retirement homes, kindergartens.

FAKOLITH FK 32

Solvent-based rapid renovation paint with medium vapour diffusion. SD 0.48 m, wet abrasion class 1. Especially recommended for fire restoration and for rooms with nicotine contamination. Observe substrate pre-treatment!

Cause check: Has the cause of damage been eliminated? For example:

- Changed the ventilation behaviour of the residents or installed a ventilation system ?
- The thermal bridge eliminated ?
- The placement of the furniture reconsidered ?
- The pipe damage repaired ?
- The substrate completely dried out after flood damage ?
- The exterior wall insulated if necessary ?
- The façade sealed ?

Unless the cause of the mould infestation has been fully clarified and remedied, we recommend the use of FAKOLITH Profi paints as a preventive coating to avoid re-occurring mould infestation.

FAKOLITH Adviser

„Correct heating and ventilation“

In the past, people used to ventilate properly - with the window wide open. How do you ventilate today? You can find information on this topic in our guidebook "Proper Heating and Ventilation". (simply request it by phone or download it from our



Laboratory analysis:

FAKOLITH offers to analyse the samples you take from the object. This analysis provides information about the type of infestation and allows a general evaluation of the danger posed by the mould (qualitative and quantitative evaluation). For more information on costs and sampling, please visit our website.

The practical anti-mould packages for 5 and 10 m² mould remediation:

All products of the 3-phase system packed in a practical bucket, including protective mask, sponge, gloves, guidebook for correct heating and ventilation as well as detailed instructions for use. Practically compiled for the renovation of areas of 5 or 10 m² each. Also ideal for the implementation of immediate measures during the first inspection of the property.



Sudden mould infestation - first aid with FAKOLITH system products!

Phase 1: Cleaning

Superficial cleaning of the surface affected by mould and bacteria and reduction of unpleasant odours with FAKOLITH FK 12. Removal of mould in a dry state is strongly discouraged due to the risk of sporeflug. FAKOLITH FK 12 is chlorine-free. The rooms can be used again immediately after cleaning.

Phase 2: Substrate-redevelopment

Brushing the infested substrates with the antifungal solution FAKOLITH FK 14. After the previous cleaning of the substrate with FAKOLITH FK 12, the odour-neutral FAKOLITH FK 14 antifungal solution is used to reliably sanitise the substrate.

Phase 3: Preventive coating

Final coating of the renovated surfaces with the dispersion paints DISPERLITH FK 5, DISPERLITH FK 10 or DISPERLITH HYGIENIC. The BIO.FILM.STOP technology protects the colourfilm of the emulsion paints against mould, virus and bacterial attack. The paints differ in vapour diffusion and wet abrasion class and thus offer the right final coating for every substrate in the living and sanitary area.

Further recommendation: FAKOLITH FK 32, the solvent-based rapid renovation paint for use in fire restoration.