

akurit APE

Algae and fungi EX

renovation solution for removal of mould and green algae

- with depot effect
- solvent-free
- ready-to-use



Applications

- for preparation and renovation of algae, mould or fungi-prone surfaces
- can be mechanically removed from visible surfaces after an impact period of approx. 24 hours e.g. with sponge or brush
- for external and interior use

Properties

- non bleaching
- chlorine-free
- acid-free
- easy to apply
- wide range of effects
- pH value: approx. 7.5
- colour: transparent

Composition

- 2.45 % quaternary ammonium compound
- < 5 % cationic surfactants

Substrate

Condition / Testing

- Substrate should be appraised taking into consideration the instructions of the German Construction Contract Procedures (VOB) part C, DIN 18363, the BFS-data sheet no. 10 and the manufacturer's specifications.

Pretreatment

- Remove all contaminants, such as . algae and/or mould, from the substrate manually or mechanically z. B. with steam cleaner or high pressure-cleaner. Then allow the substrate to dry out completely.

akurit APE

Algae and fungi EX

Processing

Temperature

- Do not process and allow to dry out at air, material and substrate temperatures below +5 °C and with expected night frost as well as above +35 °C, direct sunlight and/or strong wind.

Mixing / Preparing / Processing

- The product is ready for use.
- Use product undiluted.
- Do not mix with other products and/or other substances.

Applying / Processing / Assembling

- Apply the product to the affected surface areas (paint, spray, roller) and allow to take effect.
- After a penetration time of approx. 24 hours, any still-visible deposits can be removed mechanically, e.g. with a sponge or a brush.

Subsequent coating / workability

- If using outdoors we recommend treating with two coats of paint containing algicide/fungicide (AFA) to prevent further algae and mould formation. Apply only after the substrate has adequately dried out. According to the state of the art, it is not possible to guarantee permanent suppression of algae and mould because of the variation in property and local weather conditions (see BFS data sheet no. 9, Section 5.3.1, microorganisms).

Tool cleaning

- Clean all tools and equipment with water immediately after use.

Notes

- Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.

Packaging

- 5 l/canister

Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

Quantity required / Yield

- Consumption: approx. 0.1 - 0.2 l/m² depending on absorbency and structure of the substrate.

Safety and disposal instructions

Safety

- Observe the relevant regulations for handling surfaces affected by mould, such as "Guide to the search for causes and remediation of indoor mould growth (Federal Environment Agency)", or the "Recommended actions for the remediation of interiors affected by mould (State Health Authority Baden-Württemberg)".
- Note: Use biocides safely. Always read the labels and product information before use.
- BAuA-reg. no. N-34505 liquid concentrate
- Keep out of reach of children.
- Follow further instructions in the safety data sheet.
- Avoid contact with the skin and inhalation of spray mist.

Disposal

- Completely empty and recycle the packaging.
- Dispose of the material in accordance with the official regulations.
- Material residues can be disposed of according to waste directory regulations under Waste Code 07 04 01 (aqueous washing liquids and mother liquors).

General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.