



TECHNICAL DATA SHEET

KEIM MYCAL[®]-EX

1. PRODUCT DESCRIPTION

Chlorine-free, aqueous, highly concentrated oxidising agent for pre-treatment and cleaning of microbially contaminated or residually contaminated interior wall surfaces. KEIM Mycal-Ex contains no chlorine and reacts to form water and oxygen.

2. FIELD OF APPLICATION

KEIM Mycal-Ex is used as a pre-treatment and cleaning agent on contaminated interior wall surfaces. Reworking with KEIM Mycal-Top is recommended.

3. PRODUCT PROPERTIES

- aqueous
- high oxidative effect
- highly permeable
- no solvents added
- odour-neutral

MATERIAL CHARACTERISTICS:

- Density: approx. 1.0 - 1.2 g/cm³
- pH value: approx. 2

COLOUR SHADES:

colourless

4. APPLICATION INSTRUCTIONS

APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be ≥ 5 °C.

APPLICATION:

KEIM Mycal-Ex do not apply without protective clothing, at least safety goggles and rubber gloves. Do not mist or spray, avoid aerosol formation. If there is a risk of spores spreading in the air, wear an additional respiratory mask. If necessary, first coat contaminations or coatings with KEIM Mycal-Fix to bind the spores and then remove them wet. Allow the substrate to dry. Apply with a brush. For full-surface application, dilute with clean water in a ratio of 1 : 3. Prepare only small quantities. Keep surfaces damp for at least 5 minutes. KEIM Mycal-Ex Use undiluted only in exceptional cases, on small areas. KEIM Mycal-Ex reacts to water. No active ingredient residues are formed. Highly concentrated, therefore do not mist, do not spray, avoid aerosol formation. If there is a risk of spores spreading in the air, wear an additional respiratory mask. If there is a risk of spores spreading in the air, wear an additional respiratory protection mask.

Note: Sustainable mould remediation always involves eliminating the cause and repairing the damage. Infested surfaces or building components that are larger than 0.5 m² or that are not only superficially infested must be replaced and not treated. If the structural-physical situation remains unfavourable, a renewed infestation with micro-organisms cannot be ruled out. In general, the recommendations for action in the "Guidelines for the Prevention, Detection and Remediation of Mould Infestation in Buildings" from the Federal Environment Agency must be observed.

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DRYING TIME:

Can be overcoated after 12 hours at the earliest (at 23 °C and 50% RH). At higher relative humidity, layer thicknesses and/or lower temperatures, drying is delayed accordingly.

CONSUMPTION:

approx. 0,1 kg/m² for a single coating.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

| Container content | Unit of measure | Type of container |
|-------------------|-----------------|-------------------|
| 5 | kg | jerry can |

6. STORAGE

| max. storage time | Storage conditions |
|-------------------|---|
| 12 months | cool frost-free protected from heat and direct sun. |

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

EC WASTE CODE:

Waste code: 16 09 03*

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

GISCODE:

GIS code: GD 13

9. GENERAL INFORMATION

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

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The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.



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