



TECHNICAL DATA SHEET

KEIM MYCAL®-FIX

1. PRODUCT DESCRIPTION

KEIM Mycal-Fix is a silicate pre-treatment agent for binding fungal spores. Air-borne spores in the room air represent the greatest risk factor in mould remediation: It not only endangers fabricators and occupants of living spaces, but is also frequently the cause of consequential damage due to secondary contamination. For this reason, spore flight must always be avoided during mould remediation and, if necessary, minimised by treating the infested surfaces with KEIM Mycal-Fix accordingly. KEIM Mycal-Fix is also used as a primer for KEIM Mycal-CS boards. KEIM Mycal-Fix is awarded with Cradle to Cradle Certified® Silver and C2C Certified Material Health Certificate™ Gold.

2. FIELD OF APPLICATION

KEIM Mycal-Fix serves to bind mould spores. KEIM Mycal-Fix has a solidifying effect and thus binds mould fungi and spores on the infested surfaces. Highly absorbent or sandy substrates can be pre-treated with KEIM Mycal-Fix for solidification and then coated with KEIM Mycal-Top. Due to the high pH value, KEIM Mycal-Fix also has a mould-inhibiting effect and minimises the risk of renewed mould infestation. KEIM Mycal-Fix can also be used to prime KEIM Mycal-CS boards (with brush or by spraying).

3. PRODUCT PROPERTIES

- highly substrate-solidifying
- equalising
- non-film forming
- binding of mould spores to reduce airborne spores
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- permeable
- microporous
- anti-fungal and anti-algae thanks to natural alkalinity
- unique silicate components
- no solvents added

MATERIAL CHARACTERISTICS:

- Density: approx. 1,1 - 1.2 g/cm³
- pH value: approx. 11

COLOUR SHADES:

milky

4. APPLICATION INSTRUCTIONS

APPLICATION CONDITIONS:

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

APPLICATION:

Spore binding: In the interest of the safety of applicators and occupants of dwellings and to protect against contamination by flying spores, it is advisable to apply KEIM Mycal-Fix before removing mould-infested wall building materials. The surface of the microbially infested building components must be generously brushed or rolled with KEIM Mycal-Fix before their

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removal. To avoid dust formation as much as possible, it is advisable to remove the infested building components while they are still wet. Appropriate protective measures, such as a respiratory mask to protect against spores, must be observed.

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. 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.

Substrate consolidation:

KEIM Mycal-Fix can also be used as a primer on sanding or highly absorbent substrates. KEIM Mycal-Fix Apply undiluted.

KEIM Mycal-CS boards:

Before bonding, pre-wet the boards with 0.75 - 1.0 l water per board. Before reinforcement, prime the bonded Mycal-CS boards either with KEIM CS-Primer or by spraying KEIM Mycal-Fix. For further instructions on application, see the Mycal-CS Board technical data sheet.

CONSUMPTION:

approx. 0,15 l/m² for application as primer.

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	Quantity on pallet	Type of container
5	l	96	jerry can

6. STORAGE

max. storage time	Storage conditions
12 months	cool frost-free keep container tightly sealed.

7. DISPOSAL

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

EC WASTE CODE:

Waste code: 06 02 99

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

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.

10. CERTIFICATES & QUALITY SEALS



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.