

KEIM Sealer (KEIM Concretal®-Betonsiegel)



1. Product description

Transparent sealer for all mineral surfaces, concrete and washed concrete, PU (polyurethane)-based, no solvents added.

2. Field of application

Interior or exterior to protect all mineral surfaces, walls where heavy traffic requires the maximum surface protection, fair-faced concrete, and washed concrete surfaces. Can be used any location where exceptional protection against the intrusion of pollutants, CO₂ and water is needed.

3. Product properties

Density: 1.14 m/m³

Color shade

Matt-transparent
(Exceeding the consumption value causes a shiny effect!)

4. Application instructions

Substrate preparation

The substrate must be sound, dry, free from any loose parts and substances with a release action. Dirt and algae are to be removed prior to application. Repairs should be done with the products of the KEIM systems. A special pretreatment is not required. The application may not be done in cases where there is rising damp or an elevated level of humidity present in the surface or on new concrete. Maximum admissible substrate humidity 4 %.

Application

Apply KEIM Sealer in thin layers with a hard, shorthaired roller. The indicated consumption rate should not be exceeded.

From 8°C to max. 30°C (46 - 86°F) air and substrate temperature. Avoid direct sun, rain and wind during application

Note

It is known that KEIM Sealer like all transparent sealers will intensify the color shade and may, especially on absorbent substrates, lead to an visual darkening of these areas. A milky and shiny surface will result from too thick of an application. It is recommended to apply test areas.

Attention: KEIM Sealer is not a substitute for properly installed metal-sheet flashing on horizontal and slightly inclined weathering surface.

Consumption

Max. 0.085 l /m² (10.8 sq ft) per application.
Application is normally one coat.

Drying time

Resistant against rain after 24 h.

Cleaning of tools

Clean immediately after use with PU-cleaners.

5. Packaging

1 l and 5 l (0.26 and 1.32 gal) containers

6. Storage

6 months, if stored dry, cool, frost-free in originally closed containers.



7. Hazardous substances ordinance class

- Xi, Irritant, contains:
Hexamethylene-1.6 diisocyanate-homopolymer
- R 43: May cause sensitization by skin contact.
- R 52/53: Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.
- S 2: Keep out of the reach of children.
- S 24: Avoid contact with skin.
- S 37: Wear suitable gloves.
- S 61: Avoid release to the environment. Refer to special instructions/material safety data sheets.

8. Transport hazard class

n/a

9. Disposal

EC Waste Code No. 08 01 11
Any residues must be emptied out of containers before recycling.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. When using in confined spaces, keep container tightly closed. Keep away from sources of ignition. Do not smoke. Keep out of reach of children.

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 those purchasing and applying our products from the duty of establishing for themselves, with due care, the suitability of our products for the intended application. Standard building industry practices must be complied with. We retain the right to make modifications to improve the products or their application. This edition supersedes all earlier editions.

