

KEIM Restauro®- Dilution (Fixativ)

Thinner, Primer and Dilution for the KEIM Restauro system



1. Product description

KEIM Restauro-Dilution is the sol-silicate based ready-to-use dilution or primer for KEIM Restauro-Lasur.

2. Field of application

Used with KEIM Restauro-Lasur, KEIM Restauro-Dilution is used for diluting or thinning KEIM Restauro-Lasur providing an opaque or transparent mineral stain, color-matched finish on masonry, stone or mineral surfaces, e.g. to match the color of repairs to the original substrate. The surfaces must be absorbent (porous).

Depending on the desired finish, KEIM Restauro-Dilution can be mixed with KEIM Restauro-Lasur in any ratio adjusting the transparency of the color.

KEIM Restauro-Dilution is also used for priming or prefixing dusting or highly absorbent surfaces.

3. Product properties

- Bonds permanently with the substrate by silicification
- Weather resistant
- Water vapor permeable
- Non-flammable
- UV-stable
- Helps prevent fungal and mold growth
- Resistant to industrial pollutants and fumes
- Solvent-resistant
- Environmentally friendly, good environmental impact assessment
- Excellent low environmental impact building material
- LEED - yes

Material characteristics

- Density: 1.05 g/cm²
- Appearance: colorless, clear
- VOC's ASTM D6886 < 1 g/l
- Vapor permeability 75 - 85 perms

4. Application instructions

Substrate

The substrate must be sound, solid, dry, clean and free of dust, grease, oils, salts, moss, algae and other substances that would prevent bonding. Old resin coatings, loose substrate layers and organically bound coats must be removed.

Pretreatment/fixing

Highly absorbent or sanding substrates require a colorless prefixing treatment with undiluted KEIM Restauro-Dilution. Apply Restauro-Dilution with a brush roller or low pressure spray to the point of full saturation. Do not leave product standing on the surface.

Dilution for Restauro-Lasur (pigmented mineral stain)

Use for the priming coat, and to dilute the KEIM Restauro-Lasur to the desired ratio. See product Technical Data Sheet for additional information

Application conditions

Air and surface temperature > 41° F (> 5° C)

Drying time

A drying time of at least 12 hours must be allowed between pre-treatment/priming and between coats.

Consumption

600-800 sq.ft./1.3 gallon (5 l) container when applied as a pretreatment and primer.



For dilution of KEIM Restauro-Lasur consumption depends on the dilution ratio. For example a 1:1 ratio would be 1 gallon of KEIM Restauro-Lasur and 1 gallon of KEIM Restauro-Dilution.

The stated consumption value is for guidance and depend on the absorbency and texture of the substrate desired translucency effect, application method and substrate conditions. Exact consumption values can only be determined by a trial application on site using the tools, methods and techniques that will be used for the final application.

Drying time

A waiting time of 12 hours must be allowed between prefixing/priming and the first coat of KEIM Restauro-Lasur, and a waiting time of 24 hours must be allowed between all coats of KEIM Restauro Lasur.

Note

Surfaces treated with KEIM Restauro-Lasur do not require post treatment with a water-repellent.

Cleaning of tools

Clean with water immediately after use.

5. Packaging

1.3 gallon (5 l) and 5.3 gallon (20 l) container.

6. Storage

KEIM Restauro-Dilution has a shelf life of 12 months in closed containers under cool, frost-free conditions. Protect from heat and direct sunlight.

7. Hazardous substances ordinance class

n/a

8. Transport hazard class

n/a

9. Disposal

EC Waste Code No. 06 02 99

Any residues must be emptied out of containers before recycling.

10. Safety instructions

Provide appropriate protection for surfaces which are not to be treated. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with water.

Protect the eyes and skin from splashes. When using, do not eat, drink or 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.

