



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 ideally suitable for providing an opaque or transparent mineral stain, color-matched finish on masonry 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.

3. Product properties

Material characteristics

- Density: 1.05 g/cm²
- Appearance: colorless, clear

4. Application instructions

Substrate

The mineral substrate must be dust-free and dry. Poorly bound existing coatings must be removed.

Pretreatment

Highly absorbent or sanding substrates require a colorless prefixing treatment with undiluted KEIM Restauro-Dilution.

Transparent Lasur (mineral stain or glaze paint) finishes

In exterior applications, two coats must be applied to ensure weather resistance. If a finish is desired that is highly transparent, just one coat may be applied provided that KEIM Restauro-Dilution has been used to prefix the substrate.

Base coat

The base coat with KEIM Restauro-Lasur should generally be applied by brush in highly diluted form.

Dilution ratio: 1:1 up to 1:20 with KEIM Restauro-Dilution.

Top coat

The top coat may be applied, depending on the desired finish, using KEIM Restauro-Lasur undiluted for opaque finishes or for a higher translucency diluted with KEIM Restauro-Dilution.

Consumption

Pretreatment KEIM Restauro-Dilution:

approx. 0.2 l (6.8 fl oz) per m² (10.8 sq ft).
0.02 l / sq.ft.

Two-coat finish of KEIM Restauro-Lasur and KEIM Restauro-Dilution:

KEIM Restauro-Lasur:

0.1 – 0.2 l (3.4 – 6.8 fl oz) per m² (10.8 sq ft)

0.01 – 0.02 l / sq.ft.

and

KEIM Restauro-Dilution

0.1 – 0.4 l (3.4 – 13.5 fl oz) per m² (10.8 sq ft).

0.01 – 0.04 l / sq.ft.

The stated consumption figures are guide values. Exact values can only be determined by applying trial areas on the structure to be coated.



Additional waterproofing

Especially in the case of thin low-pigment finishes (a highly diluted Lasur coating), additional waterproofing may be necessary on surfaces exposed to severe water loads or to protect moisture sensitive building materials. In such cases, a water-repellent priming coat of KEIM Silan-100 or KEIM Silangrund must be used followed by 2 coats of the KEIM Restauro Lasur diluted using KEIM Spezial-Dilution in the desired dilution ratio.

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

5 l and 20 l (1.3 and 5.3 gal) jerry can.

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.

