



TECHNICAL DATA SHEET

KEIM RESTAURO[®]-LASUR

1. PRODUCT DESCRIPTION

KEIM Restauro-Lasur is a sol-silicate-based, ready-to-use thin layer coating/mineral stain, especially, for low pigmented coatings on natural stone. KEIM Restauro-Lasur has water repellent properties and fulfills the requirements of DIN 18363 sect. 2.4.1.

2. FIELD OF APPLICATION

In combination with KEIM Restauro-Fixativ, KEIM Restauro-Lasur is particularly suited to provide a low-pigment, colour-matching finish on sandstone surfaces, e.g. to equalise the colour of repairs to the original stone substrate.

KEIM Restauro-Lasur and KEIM Restauro-Fixativ are miscible with one another in any ratio, depending on the desired final effect. For low absorbent substrates KEIM Spezial-Fixativ is to be used.

Not suitable for horizontal and inclined surfaces exposed to weathering.

3. PRODUCT PROPERTIES

Material characteristics:

- Specific weight: 1.1 - 1.3 g/cm³
- Vapour diffusion resistance: $s_d \leq 0.01$ m

Colour shade:

KEIM's natural stone colour swatches and KEIM Palette Exclusiv.

4. APPLICATION INSTRUCTIONS

Substrate:

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

Pre-fixing::

Highly absorbent or sanding substrates require a colourless pre-fixing treatment with undiluted KEIM Restauro-Fixativ.

Low-pigment Lasur finishes:

In exterior applications, two coats must be applied to ensure weather resistance. If a particularly transparent finish is desired, just one low-pigment coat may be applied provided that KEIM Restauro-Fixativ has been used to pre-fix the substrate.

Priming coat:

The priming coat should generally be applied by brush in highly diluted form.

Dilution ratio: 1:1 to 1:20 with KEIM Restauro-Fixativ or KEIM Spezial-Fixativ.

Finishing coat:

The finishing coat may be applied, depending on the desired finish, using KEIM Restauro-Lasur in undiluted form or diluted with KEIM Restauro-Fixativ or KEIM Spezial-Fixativ.

Consumption:

Pre-fixing:

approx. 0.2 litre/m² KEIM Restauro-Fixativ

For a two-coat low-pigment finish:

0.1 - 0.2 l/m² KEIM Restauro-Lasur and

0.1 - 0.4 l/m² KEIM Restauro-Fixativ

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

Additional moisture-proofing:

Especially in the case of thin low-pigment finishes, additional moisture-proofing may be necessary on surfaces exposed to severe water loads or to protect moisture-sensitive building materials. In such cases, it is recommended to apply a water-repellent priming coat with KEIM Silangrund and to use KEIM Spezial-Fixativ as diluent for Restauro-Lasur.

Drying times:

A waiting time of 12 hours must be allowed between pre-fixing and the low-pigment coating, while a waiting time of 24 hours must be allowed between coats of low-pigment coating. In the case of priming with KEIM Silangrund, the following coat of low-pigment coating should be applied after approx. 4 hours.

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 l, 5 l and 15 l containers



6. STORAGE

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

7. DISPOSAL

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

8. SAFETY INSTRUCTIONS

Giscode: BSW10

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. Keep out of reach of children.

Please refer to EC Safety Data Sheet.

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.



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