



TECHNICAL DATA SHEET

KEIM RESTAURO® LASUR

1. PRODUCT DESCRIPTION

Sol silicate based mineral paint system for use on stone surfaces to provide a colour wash or semi-transparent finish. Offers water repellency, vapour permeability and forms a chemical crystalline bond with the substrate.

2. FIELD OF APPLICATION

Modern and historic render and stone surfaces, including brickwork and reconstituted stone and any cementitious or lime based mineral substrates.

For providing a low pigment, colour matched finish on stone surfaces with the ability to match the colour of repairs to the original stone substrate.

3. PRODUCT PROPERTIES

- Water vapour permeable
- Colourfast
- Resistant to mould and fungal growth
- Easily cleaned
- Free from solvents and biocides
- Unifies colour
- Non-flammable

Material characteristics

Resistance to vapour diffusion: $s_d = 0.01\text{m}$

Density:

1.15-1.45g/cm³ depending upon colour and opacity

Water Absorption Co-efficient:

$$W = 0.20 \text{ kg/m}^2 \text{ h}^{0.5}$$

Thermal Expansion:

Comparable to the mineral substrate onto which it is applied

Colour shade

In accordance with KEIM's natural stone colour swatches and KEIM Palette Exclusiv.

4. APPLICATION INSTRUCTIONS

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed, all surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, decoration using KEIM Mineral Paints may proceed.

Application

KEIM Restauro Lasur will enable a colourwash appearance to be applied to the surface; this can match the surface and be employed to minimise any surface variations or blemishes. The system will protect the substrate whilst still maintaining its feel and appearance.

KEIM Restauro Lasur should be applied by brush, it is important that a wet edge is kept at all times and that contractors work to a natural break line.

A typical specification would be a two coat KEIM Restauro Lasur system, the first coat to be KEIM Restauro Fixativ, applied by brush and worked well into all surfaces. After a minimum period of 12 hours a final coat of KEIM Restauro Lasur may be applied, diluted to the required level with KEIM Restauro Fixativ.

Site trials should be conducted to determine the number of coats and the amount of KEIM Restauro Fixativ required to obtain the desired opacity.

Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

Consumption

For two coats between 0.1-0.2 lt/m² for KEIM Restauro Lasur and 0.1- 0.4 lt/m² KEIM Restauro Fixativ.

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

Cleaning of tools

Clean immediately after use with water

5. PACKAGING

5 lt and 20 lt containers

6. STORAGE

Approx. 12 months, if kept cool but frost free in tightly closed containers.

7. DISPOSAL

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

8. SAFETY INSTRUCTIONS

Cover surfaces which are not to be treated, in particular plants, etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Please, refer to the EC Material 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.

