



### 1. Product description

KEIM Restaurolasur is a sol-silicate based, ready-to-use thin layer mineral stain/coating ideal for natural stone and masonry. KEIM Restaurolasur has water repellent properties and fulfills the requirements of DIN 18363, 2.4.1.

### 2. Field of application

In combination with KEIM Restaurolasur, KEIM Restaurolasur is ideally suited for providing an opaque or transparent mineral finish for color-matching the finish on masonry and stone surfaces, e.g. to match the color of repairs to the original substrate or to change the color of the entire substrate. Complex color schemes can be achieved by layering different colors with different degrees of transparency resulting in the final finish. KEIM Restaurolasur or KEIM Restaurolasur can be used to dilute KEIM Restaurolasur in any ratio, depending on the desired final effect or transparency of the color. For low absorbent substrates KEIM Spezial-Dilution should be used in place of the KEIM Restaurolasur.

### 3. Product properties

#### Material characteristics

- Specific weight: approx. 1.15 g/cm<sup>3</sup>
- Vapor diffusion resistance:  $s_d < 0.01$  m

#### Color shade

KEIM's natural stone color swatches, KEIM-Palette Exclusiv and custom colors.

### 4. Application instructions

#### Substrate

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

#### Pretreatment

Highly absorbent or sanding substrates require a colorless prefixing treatment with undiluted KEIM Restaurolasur.

#### 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 Restaurolasur has been used to prefix the substrate.

#### Base coat

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

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

#### Top coat

The top coat may be applied, depending on the desired finish, using KEIM Restaurolasur undiluted for opaque finishes or for a higher translucency diluted with KEIM Restaurolasur or KEIM Spezial-Dilution. Additional coats may be applied allowing proper drying time between coats.

#### Consumption

Pretreatment KEIM Restaurolasur:  
approx. 0.2 l (6.8 fl oz) per m<sup>2</sup> (10.8 sq ft).  
0.02 l / sq.ft.

Two-coat finish of KEIM Restaurolasur:  
KEIM Restaurolasur;  
0.1 - 0.2 l (3.4 - 6.8 fl oz) per m<sup>2</sup> (10.8 sq ft)  
0.01 - 0.02 l / sq.ft.

and  
KEIM Restaurolasur;  
0.1 - 0.4 l (3.4 - 13.5 fl oz) per m<sup>2</sup> (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 painting 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 times

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.

In the case of priming with KEIM Silan-100 or KEIM Silangrund, the first coat of KEIM Restauro Lasur 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

5 l and 15 l (1.3 and 4 gal) containers

## 6. Storage

KEIM Restauro-Lasur 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. 08 01 12

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.

Product code: M-SK 01

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.

