



## TECHNICAL DATA SHEET

# KEIM DESIGN-BASE

### 1. PRODUCT DESCRIPTION

Sol-silicate based, pigment-free additive for KEIM Design-Lasur.

### 2. FIELD OF APPLICATION

KEIM Design-Base is stirred into KEIM Design-Lasur as an additive to reach the desired degree of translucency while maintaining an ideal application consistency and film thickness.

### 3. PRODUCT PROPERTIES

With one up to three coatings of KEIM Design-Lasur with KEIM Design-Base various translucency effects can be achieved.

The application of only one colour shade but in different dilution ratios also provides very decorative effects.

Using KEIM Design-Base as an additive in KEIM Design-Lasur makes it possible to achieve transparent, mineral matt low-pigment finishes together with ideal application consistency, reduced settling, weather-resistant film thicknesses and a longer open time.

KEIM Design-Base is:

- Siliceous
- Weathering-proof
- Unpigmented

#### Material characteristics:

- Density: approx. 1.1-1.2 g/cm<sup>3</sup>
- pH-value: approx. 11
- s<sub>d</sub>-value: < 0.01 m
- Colour pigments: none

#### Colour shade:

Raw white/translucent, milky

### 4. APPLICATION INSTRUCTIONS

#### Substrate preparation:

The substrate has to be free from dust and grease, dry and absorbent. Loose parts, dirt and old, adhesion-reducing coatings have to be removed. For a homogenous, ideally absorbing base, the substrate should be prepared with two siliceous base coatings (preferably by brush).

#### Translucent coating:

For low-pigment coatings mix KEIM Design-Lasur with KEIM Design-Base up to the desired degree of translucency. Dilutions in any ratio are possible. Mixing ratios from 1:5 up to 1:20 have been proven. (For very transparent designs and for designs with full colour shades, it is recommended to dilute with KEIM Design-Fixativ.)

Keep stirring the Lasur mix well before and during work. Water or other products must not be added.

The Lasur mix is applied cross-wise with a Lasur brush (e.g. the oval KEIM Lasur brush).

It is important to work swiftly wet-on-wet and to keep a wet edge.

#### Note:

The components of the Design-Lasur-System KEIM Design-Lasur, KEIM Design-Base and KEIM Design-Fixativ can be mixed among each other at any desired ratio. KEIM Design-Base provides an attractive transparency with ideal application consistency and film thickness. KEIM Design-Fixativ allows most translucent, brilliant designs with thin film thickness.

#### Application conditions:

Air and substrate temperature > 5 °C up to max. 30 °C. Apply only to dry surfaces and in dry weather. Do not apply under direct sun, on sun-heated substrates or in strong wind. Surfaces have to be protected after application from rain, wind and direct sun.

#### Drying times:

Between the individual coatings a drying time of about 12 hours is required.

#### Consumption:

Depending on the dilution ratio and per coat: Approx. 100 ml/m<sup>2</sup> prepared mix of Design-Lasur and Design-Base.

The consumption value given is a guide value depending on the desired translucency effect, application method and substrate condition. Exact values may only be given by a trial application on site.

#### Cleaning of tools:

Clean with water immediately after use.

### 5. PACKAGING

5 l and 15 l container



### 6. STORAGE

Shelf life is approx. 12 months in sealed containers under cool, but frost-free conditions. Always seal opened containers tightly. 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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