



## TECHNICAL DATA SHEET

# KEIM DESIGN-LASUR

## 1. PRODUCT DESCRIPTION

Ready-to-use glaze concentrate. Sol-silicate based paint system according to DIN 1062-1, which is used in combination with KEIM Design-Base and KEIM Design-Fixativ to create a colourwash or semi-transparent wall design with an intensive mineral character. KEIM Design-Lasur also complies with DIN 18363 section 2.4.1, silicate emulsion paint.

Brilliant and absolutely lightfast due to inorganic colour pigments. Resistant to weathering and environmental influences.

## 2. FIELD OF APPLICATION

Individual designs for interior and exterior use on KEIM silicate paints.

Not suitable for horizontal and inclined surfaces exposed to weathering.

## 3. PRODUCT PROPERTIES

With two or three coatings of KEIM Design-Lasur - mixed in any desired ratio with KEIM Design-Base and/or KEIM Design-Fixativ - the most various translucency effects can be achieved. Transparency and colour depth depend on the chosen colour shade and the dilution ratio. Dilution ratios from 1:5 up to 1:20 (Design-Lasur to Design-Base) have been proven. By using KEIM Design-Base the Lasur has a better application consistency, reduced settling and a longer open time.

Surfaces designed with the KEIM Design-Lasur-System are:

- Absolutely lightfast
- Weatherproof
- Resistant to environmental influences
- Mineral matt

### Material characteristics:

- Specific weight: 1.2 - 1.3 g/cm<sup>3</sup>
- Vapour diffusion resistance:  $s_d < 0.01$  m
- Colour fastness: A1  
(Colour code acc. to BFS technical information No. 26)

### Colour shade:

According to KEIM Palette Exclusiv and Avantgarde, plus, monochrome shades 9001 L - 9012 L (interior and exterior), 9018 L, 9019 L and 9020 L (only interior).

KEIM Design-Lasur is also in four vibrant metallic shades available: 1001 „gold“, 1002 „silver“, 1003 „copper“ and 1004 „lava red“ (only for exterior use).

## 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 preferably 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 prepared Lasur mix is applied cross-wise with a Lasur brush (e.g. the oval KEIM Lasur brush). If diluted with Design-Base, a paint roller can be used. It is important to work swiftly wet-in-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 together in any desired ratio. KEIM Design-Base provides an attractive transparency together with ideal application consistency and film thickness. KEIM Design-Fixativ allows most translucent low-pigment finishes with brilliant colours.

### Application conditions:

Air and substrate temperature:  $> 5^{\circ}\text{C}$  up to max.  $30^{\circ}\text{C}$ .  
Apply only to dry surfaces and in dry weather. Do not apply under direct sun or 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.

Approx. 50 ml/m<sup>2</sup> prepared mix of Design-Lasur and Design-Fixativ.



The consumption values given are for guidance and depend on the desired translucency effect, application method and substrate condition. Exact values may only be given by on-site test application.

### Cleaning of tools:

Clean with water immediately after use.

## 5. PACKAGING

1 l, 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. Do not eat, drink or smoke during application. 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.



KEIMFARBEN GMBH

Keimstraße 16 / 86420 Diedorf / Tel. +49 (0)821 4802-0 / Fax +49 (0)821 4802-210  
Frederik-Ipsen-Straße 6 / 15926 Luckau / Tel. +49 (0)35456 676-0 / Fax +49 (0)35456 676-38  
www.keim.com/info@keimfarben.de