



TECHNICAL DATA SHEET

KEIM DESIGN LASUR

1. PRODUCT DESCRIPTION

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

2. FIELD OF APPLICATION

Mixed with Keim Design Fixativ or Keim Design Base to create finishes with varying degrees of translucency for interior and exterior use over a base of Keim Mineral Paint or as a stand-alone coating system.

3. PRODUCT PROPERTIES

Transparency and colour depth depend upon the chosen colour shade and the dilution ratio.

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

Material characteristics

Specific weight: 1.2 – 1.3g/cm³
Vapour diffusion resistance: $s_d < 0.01\text{m}$

Colour shade

In accordance with Keim Exclusiv and Avantgarde Palette and certain monochrome shades.

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

The components of the Keim Design Lasur System; Keim Design Lasur, Keim Design Base, and Keim Design Fixativ, can be mixed together in any desired ratio.

Keim Design Lasur should be applied by brush and laid off with a lambs wool pile roller or by airless spray, it is important that a wet edge is kept at all times and that contractors work to a natural breakline.

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

Site trials should be conducted to determine the amount of Keim Design 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 a two-coat system, using a 3:1 dilution ratio on the second coat, approximately 0.025lt/m² for Keim Design Lasur and 0.075lt/m² for Keim Design 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

5lt and 15lt 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.

