

KEIM Design-Base

Additive for KEIM Design-Lasur



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 a thickness to the final result.

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 color shade but in different dilution ratios also provides very decorative effects.

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

KEIM Design-Base is:

- Mineral matt finish that lasts
- Weather resistant
- Unpigmented
- LEED - yes

Material characteristics

- Density: approx. 1.15 g/cm³
- pH-value: 11.3
- s_v-value: < 0.01 m
- VOC content ASTM D 6886: 0 g/l
- Vapor Permeability 75 - 85 perms
- Color pigments: none

- Non-flammable DIN 4102-A2

Color shade

White semitransparent

4. Application instructions

Substrate preparation

The substrate must be sound, solid, dry, clean and free of dust, grease, oils, salts and other substances that would prevent bonding. Old resin coatings must be removed. For an ideal homogenous absorbing base, the substrate should be prepared with two base coats of KEIM silicate based paint. Absorbing unpainted surfaces can be coated first with KEIM Design Lasur-Dilution.

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 are common. Mixing ratios from 1:1 up to 1:4 are almost opaque.

For very transparent designs and for designs with full color shades, it is recommended to dilute with KEIM Design-Dilution (Fixativ). Mixing ratios from 1:3 up to 1:20 are common but higher dilution ratios are possible. It is important to 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), by roller or by airless spray and back rolled. It is important to work swiftly wet-in-wet and to maintain a wet edge to a corner or architectural feature.

Note

The components of the Design-Lasur-System KEIM Design-Lasur and KEIM Design-Base or KEIM Design-Dilution (Fixativ) can be mixed together in any desired ratio. KEIM Design-Base provides an attractive uniform transparency together with ideal



application consistency and layer thickness. KEIM Design-Dilution (Fixativ) allows most translucent low-pigment finishes with brilliant colors and thin layer thickness.

Application conditions

Air and substrate temperature: >41 °F up to max. 86 °F (5 °C -30 °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 must be protected after application from rain, wind and direct sun until they are completely cured.

Drying times

Between the individual coatings a drying time of about 24 hours is required.

Consumption

Consumption depends on the dilution ratio. For example a 1:1 ratio would be 1 gallon of KEIM Design-Lasur and 1 gallon of KEIM 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 determined by a trial application on site.

Cleaning of tools

Clean with water immediately after use.

5. Packaging

1 gallon
and

4 gallon (packaged in a 5 gal pail)

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. Hazardous substances ordinance class

n/a

Classification according to flammable liquids ordinance: 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 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.

Product code: M-SK 01

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