

Kieselit-Lasur

Transparent silicate-based glaze paint for the creation of decorative glaze coatings.



Product characteristics

- Properties**
- Transparent glaze, silicate-based
 - Ready-for-use
 - Weatherproof
 - Diffusible
 - Due to silification insoluble bonding to mineral substrates
 - UV-resistant
 - Mineral matt aspect
 - Protected against early algae and fungal infestation due to alkalinity
 - Can be tinted via the ALLAcolor tinting machines

Areas of application Exterior and interior

- Suitable substrates in detail**
- For decorative glaze coatings on mineral substrates
 - Particularly decorative on Kieselit-Streichvlies, or Kieselit-Modellierputz
 - Ideal also for the maintenance of listed or old buildings

Material description

- Binder** Potassium water glass
- Average consumption (short text)** approx. 80 - 150 ml/m²
- Average consumption** It is advisable to determine the exact consumption figure by producing a sample area.
- Colour shade** Transparent
- Suitable tinting paints** Kieselit full colour and tinting paints or ready-mixed at the factory. Base 1 - 3 products with system-matching tinting pastes of the ALLFAcolor range. Please note that with tinted products the specified properties may change.
- Gloss level** Matt
- Storage** Cool, but protected from frost
- Thinning** Water

Substrates

- Suitable substrates** All usual mineral substrates (plasters/renders, concrete, masonry)
Solid, mineral and organic existing paint layers
- Substrate conditions** The substrate must be clean, dry, frost-free, firm and sound as well as free from efflorescences, algae, moss, fungal attack, sinter layers and release agents. Follow the building regulations (in Germany VOB, Part C, DIN 18363, Section 3).

Kieselit-Lasur

Substrate conditions

Concrete

Remove forming oil, grease and wax by washing with surfactant. Remove any sintered layers mechanically. Check the absorbency of the concrete by wetting tests. In addition, the guidelines according to BFS Fact Sheet No.1 apply for exterior coatings and the guidelines according to BFS Fact Sheet No. 8 for interior coatings.

Base renders (exterior):

Mineral base renders must be thoroughly cured and dry, because otherwise discolouration, in particular with tinted following coats, may occur. As a rule of thumb assume 1 day drying time per mm of layer thickness, but correspondingly longer at low temperatures and high humidity. Excessive temperatures and low humidity also lengthen the setting process. Treat replastered locations with fluosilicate. In addition, the guidelines according to BFS Fact Sheet No. 9 apply.

Fibre-cement:

Products of fibre-cement have to be primed water based. On exterior surfaces solvent-based primers may be used as well. For constructions showing inaccessible and uncoated rear sides and edges do only use water vapour permeable coatings. Since 01.12.2012 uncoated fibre-cement panels containing asbestos must no longer be coated according to the Ordinance on Hazardous Substances (GefStoffV). For asbestos containing fibre-cement the corresponding directives (in Germany TRGS 519) referring to the handling with asbestos have to be observed.

Gypsum blocks

Adjust the primer to absorbency. With coatings destined to bridge capillary cracks, reinforce completely using a fleece. In addition the guidelines of BFS-Fact Sheet No. 17 apply.

Gypsum building boards (interior)

Adjust the primer to absorbency. With coatings destined to bridge capillary cracks, reinforce the entire surface using a fleece. In addition the guidelines of BSF Fact Sheet No. 12 apply. Ingredients which might penetrate have to be isolated before following coatings.

Gypsum plaster, gypsum sand plasters etc.

Remove any sintered layers. For first coatings take care of a sufficient penetration of the primer (e. g. by using a penetrating primer). Additionally the guidelines of BFS Fact Sheet No. 10 apply.

Derived timber products (chipboards, OSB-boards etc.) - interior

Have to be covered with a suitable gypsum board or gypsum fibre board as otherwise cracks may occur in the area of butt-joints.

Aerated concrete - interior:

In case of rooms of high humidity, external walls have to be additionally treated by a moisture guard, applied onto their insides. This can be effected applying a two-component coating like e.g. Hydropox. In addition the guidelines of BFS Fact Sheet No. 11 apply.

Base renders (interior):

Mineral base renders must be thoroughly cured and dry, because otherwise discolouration, in particular with tinted following coats, may occur. As a rule of thumb assume 1 day drying time per mm of layer thickness, but correspondingly longer at low temperatures and high humidity. Excessive temperatures and low relative humidity also lengthen the setting process. Treat replastered locations with fluosilicate. In addition, the guidelines according to BFS Fact Sheet No. 10 apply.

Application

Application method

Application by brush or roller

Application

In interiors Kieselit-Streichvlies or a Kieselit-silicate interior paint are used as intermediate coat, in exterior apply Kieselit-Fassadenfarbe as intermediate coat. Continue with applying 1 - 3 glaze layers of Kieselit-Lasur tinted to the desired colour. Suitable tools for the application are paint brushes (do not use new brushes), natural-sponges, stippling brushes or cloth, depending on the desired effect to be achieved.

Application hints

Do not apply under a glaring sun, during strong wind or on warm substrates.

Note

Check tinted paint for colour accuracy prior to the application. Objections regarding the colour shade cannot be accepted after the application.

The figures given for parameters are average values. Due to the use of natural raw materials in our products, the actual value determined on the individual supplied product may differ slightly without affecting its suitability. These data refer to the white respectively standard product. Tinting may cause deviations.

Kieselit-Lasur

Practical hints	New mineral Substrates New mineral substrates may only be coated after setting and drying, not earlier than after 14 days, better after 4 weeks. In unfavourable drying conditions, the waiting period can be prolonged.
Temperature limit	Between + 8° C and + 30° C for substrate and ambient air during processing and drying.
Drying time	At + 20° C for substrate and ambient air and 65% relative humidity (RH), recoatable after approx. 12 hours. Lower temperature or a higher humidity extend the drying time.
Tool cleaning	Immediately after use with water

Information

General information	Keep out of reach from children. Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow to enter drains, waterways or soil. Clean tools immediately with water and soap. The coating material is highly alkaline. Therefore protect skin and eyes from paint splashes.
Declaration of ingredients	Styrol acrylate dispersion, potassium water glass, cristobalite, water, additives
Observe safety data sheets	Further details: See Safety Material Data Sheet (MSDS)
VOC content (in gram per litre)	< 10 g/l
WHC	1 (weakly water-polluting)
Waste disposal	Only completely emptied containers should be given for recycling. Dispose containers with residues of liquid product via waste collection point accepting old paints and enamels. Dispose dried hardened product residues as construction site/demolition/ municipal or domestic waste.

Container size

Content		EAN code	Article no.
10 L	Transparent	4002822504472	751205
5 L	Transparent	4002822006075	752008

System specific and system completing products

Kieselit-Streichvlies

This data sheet cannot deal with all types of application arising in practice. Therefore, we cannot be held responsible for their content. These instructions do not release the purchaser / applicator from his responsibility of professionally examining the substrate and determining the suitability of the product in consideration of the project characteristics. In case of queries please request the technical assistance of ALLIGATOR FARBWERKE.