

Kieselit-Streichvlies

Thick film, fibre reinforced silicate-based intermediate coating according to DIN 18363. Ideal for filling cracks (shrinkage and hairline cracks), equalising and as substrate for following glaze coatings.



Product characteristics

- Properties**
- Optimal crack bridging due to fibre contents
 - For levelling coarse substrates
 - For texturing of smooth substrates
 - Glaze ground for Kieselit-Lasur
 - Highly diffusion capable
 - Permeable to CO₂
 - Weatherproof
 - Tintable with the standard product
 - Solvent- and plasticizer-free
 - Due to its alkalinity protected against algae and fungal attack
 - Silification with mineral substrates

Areas of application Exterior and interior

- Suitable substrates in detail**
- Substrates with fine cracks
 - Embedding of elastic fabric
 - As glaze prime coat
 - Irregularly textured substrates

Material description

Binder	Potassium water glass
Density	1.7 kg/l
Water vapour permeability	V 1
Water absorption coefficient (w-value)	W 3
Maximum particle size	Coarse
Average consumption (short text)	approx. 380 - 500 g/m ²
Average consumption	It is advisable to determine the exact consumption figure by producing a sample area.
Colour shade	White
	Tintable with the standard product
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.
Storage	Cool, but protected from frost
Thinning	This product is ready for use. Apply unthinned.

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Substrates

Suitable substrates	All usual mineral substrates (renders/plasters, concrete, masonry) Adherent existing mineral 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).
Substrate conditions	<p>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.</p> <p>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.</p> <p>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. Hydrofox. In addition the guidelines of BFS Fact Sheet No. 11 apply.</p> <p>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.</p>

Application

Application method	Application by brush or roller
Application	The material can be applied by brush, or by roll. Apply Streichvlies liberally and evenly in order to achieve a coat thickness which is necessary for the durability and equalisation of uneven substrates damaged by cracks (if required embed a painter fleece). Subsequently apply an appropriate finishing coat of the ALLIGATOR range.
Application hints	Do not apply under a glaring sun, during strong wind or on warm substrates.
Note	<p>Check tinted paint for colour accuracy prior to the application. Objections regarding the colour shade cannot be accepted after the application.</p> <p>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.</p> <p>Plasto-elastic joints should not be coated as the higher elasticity of the sealing mass might cause cracks or discolouration of the coating. In individual cases tests have to be carried out to judge the suitability.</p>
Compatibility	Do not mix with other products.
Practical hints	<p>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.</p> <p>Masking Works Always use UV-resistant adhesive tapes for exterior works. On completion of the coating, particularly with dispersion paints and / or higher layer thicknesses, immediately remove adhesive tapes, in order to avoid untidy contours.</p> <p>Covering measures Cover adjacent areas, especially glass, ceramics, clinker, carefully, as water glass containing products may affect their surfaces.</p>

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Weather Conditions

Do not apply under a glaring sun, during strong wind or on warm substrates. With fresh, primarily tinted mineral coatings, sharp shadows might lead to disturbing colour differences. Protect the fresh coating from moisture. If necessary use protective tarpaulins.

"Cloudy" Drying

Depending on weather and object conditions, the chemical setting process of silicate paints may cause a cloudy or streaky appearance of the dried coating. This effect is characteristic for the material and does not affect the functional capability of the coating.

Efflorescences on the Surface

The chemical setting process of silicate products may cause precipitation of potash on the surface. In interior, this can normally be dry removed, e.g. by vacuum cleaning. In exterior, potash will normally disappear under the influence of water (e.g. rainfall).

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

Potassium water glass, acrylic resin dispersion, mineral pigments and fillers, water, additives

Observe safety data sheets

Further details: See Safety Material Data Sheet (MSDS)

Category VOC

EU limit value for the VOC contents of this product: (Category A/c) 40g/l (2010). This product contains max.

VOC content (in gram per litre)

< 1 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

20 KG

EAN code

4002822027476

Article no.

906915

System specific and system completing products

Kieselit-Fusion

Kieselit-Fassadenfarbe

Kieselit-Klassik-Silikat

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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.