



TECHNICAL DATA SHEET

KEIM SOLDALIT®-ARTE-GROB

1. PRODUCT DESCRIPTION

KEIM Soldalit-arte-Grob is a highly filled, sol/silicate-based, titanium dioxide-free exterior paint for base and intermediate coats to equalise differences in texture and to fill hairline cracks.

The binder combination of silica sol and water glass makes it possible to apply silicate coatings not only to mineral but also to a wide range of organic substrates. KEIM Soldalit-arte-Grob contains absolutely lightfast inorganic pigments and mineral extenders. The formulation without titanium dioxide complies with DIN 18 363 sect. 2.4.1 (silicate emulsion paint).

2. FIELD OF APPLICATION

KEIM Soldalit-arte-Grob is used as base or intermediate coat for levelling first coats in the field of renovation of old structures or new coating of sound, organic and mineral substrates, and mixed substrates. Exceptions are wood, plasto-elastic coatings, saponifiable existing paints (for example certain oil-based paints) and non-wettable substrates (for example lacquers) KEIM Soldalit-arte-Grob is not to be used as top coat.

For production reasons, filled paint material is not suitable for finish coats because the colours are lighter than the original colour swatches.

Not suitable for horizontal and inclined surfaces exposed to weathering.

3. PRODUCT PROPERTIES

KEIM Soldalit-arte-Grob is an easy to apply, highly filled, sol/silicate-based priming paint, which is formulated without titanium dioxide as a homogenising, opaque pigment. KEIM Soldalit-arte-Grob fills hairline cracks and levels differences in texture.

- Titanium dioxide-free formulation
- Non-film-forming
- Non-flammable
- Mineral matt character
- UV-resistant in all components
- High weathering resistance
- Resistant to industrial fumes and acid rain
- Water-repellent
- Extremely vapour permeable
- Hinders fungal and algal growth thanks to ideal moisture balance

- Environmentally friendly – neither solvents nor plasticisers added

Material characteristics:

- Specific weight: approx. 1.5 - 1.7 g/cm³
- Organic content: < 5%
- pH-Value: approx. 11
- Diffusion-equivalent air-layer thickness: $s_d \leq 0.01$ m
- Colour fastness: A1
(Colour Code acc. to BFS Technical Information No. 26)

4. APPLICATION INSTRUCTIONS

Substrate preparation:

The substrate must be sound, dry, non-chalking, clean and dust-free. Remove any loose areas of existing coatings mechanically or by water jetting. Fill and texture-match any defects with a suitable touch-up material. Sinter layers of new renders have to be removed with KEIM Ätzflüssigkeit as prescribed. Areas of new renders (repairs) should in general be pretreated with KEIM Ätzflüssigkeit according to the technical data sheet. Highly absorbent substrates should be pretreated with KEIM Soldalit-Fixativ.

Application:

Application by brush is particularly recommended.

Priming coat:

Apply KEIM Soldalit-arte-Grob normally undiluted, or dilute by up to approx. 5%, or for highly absorbent substrates, by up to max. 10%, in both cases with KEIM Soldalit-Fixativ.

Intermediate coat:

In case of an intermediate coat apply KEIM Soldalit-arte-Grob undiluted.

Finishing coat:

Apply KEIM Soldalit-arte undiluted.

Application conditions:

Ambient and substrate temperature > +5 °C. Do not apply in direct sunlight or onto sun-heated substrates. Protect coated surfaces from direct sunlight, wind and rain during and after application.

Drying times:

A drying time of at least 12 hours must be left between coats.



Consumption:

Smooth substrate, one priming or intermediate coat of KEIM Soldalit-arte-Grob, per m²: approx. 0.25 kg. The stated consumption values are for guidance and depend on the nature of the substrate and the application method. Exact consumption values can only be determined by painting trial areas on the structure to be coated.

Cleaning of tools:

Clean with water immediately after use. During breaks, store tools in the paint or in water.

Third-party additives:

In order to preserve the specific characteristics of the Soldalit system, no other substances may be added.

5. PACKAGING

5 kg and 25 kg containers

6. STORAGE

12 months in sealed container under cool, frost-free conditions. 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 treated (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. 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.



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