



## TECHNICAL DATA SHEET

# KEIM SOLDALIT<sup>®</sup>-ME-GROB

### 1. PRODUCT DESCRIPTION

KEIM Soldalit-ME-Grob is a highly filled, sol-silicate exterior priming paint for base and intermediate coats with a slight filling effect. KEIM Soldalit-ME-Grob is photocatalytically active and complies with DIN 18.363, 2.4.1 „silicate emulsion paint“.

### 2. FIELD OF APPLICATION

KEIM Soldalit-ME-Grob is used as base or intermediate coat to equalise textural differences or to fill fine hairline cracks when renovating or first coating sound dispersion- and silicone resin-based old coatings and renders as well as mineral substrates and mixed substrates.

Exceptions are wood, plasto-elastic coatings, saponifiable old paints (e.g. certain oil-based paints) and non-wettable substrates (e.g. lacquers and varnishes).

Do not use KEIM Soldalit-ME-Grob 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

- Binder basis: combination of silica sol and water glass (= sol-silicate)
- Multipurpose application
- Photocatalytic action
- No biocides added
- Texture-matching
- Equalising
- Alkaline, therefore no pot preservatives
- Non-flammable
- Lightfast pigmented
- Open to diffusion, non-film-forming, microporous
- No solvents or plasticisers added

#### Material characteristics:

- Specific weight: approx. 1.6 - 1.8 g/cm<sup>3</sup>
- Diffusion-equivalent air layer thickness:  $s_d \leq 0,01$  m

- Organic content: < 5%
- pH-value: approx. 11
- Colour fastness: A1  
(Colour code acc. to BFS technical information No. 26)

#### Colour shades:

White, KEIM Palette Exklusiv and KEIM Avantgarde colour swatches. No monochrome shades available. Tinting only factory-made.

#### Please note:

The mixing and blending with products not part of the system is not allowed!

### 4. APPLICATION INSTRUCTIONS

#### Substrate preparation:

The substrate must be dry, sound, non-chalking, clean and dust-free. Remove any loose parts of old coatings mechanically or by water jetting. Fill and texture-match any defects with a suitable repair material. Remove sinter. Strongly absorbent areas should be primed with KEIM Soldalit-Fixativ.

Larger cracks or strong differences in texture may require a base coat with KEIM Contact-Plus instead of KEIM Soldalit-ME-Grob.

#### Application:

KEIM Soldalit-ME-Grob may be applied by paint brush, roller or airless sprayer (nozzle size: 443. For more information see TDM Airless Technique). The roller application reduces the filling effect. A minimum drying time of 12 hours between the coats is required.

#### Base coat:

Apply KEIM Soldalit-ME-Grob normally undiluted or dilute with up to approx. 5%. For strongly absorbent substrates the paint material can be diluted with up to max. 10% KEIM Soldalit-Fixativ (max. 2.5 l per 25 kg paint).

#### Intermediate coat:

In such a case, apply KEIM Soldalit-ME-Grob undiluted.

#### Top coat:

Apply KEIM Soldalit-ME 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.

### Consumption:

For a priming or intermediate coat with KEIM Soldalit-ME-Grob on a smooth substrate:

approx. 0.25 kg/m<sup>2</sup> KEIM Soldalit-ME-Grob

This consumption value is a guide value. Exact values can only be determined by painting trial areas on the structure to be coated.

### Cleaning of tools:

Clean immediately after use with water.

## 5. PACKAGING

5 kg and 25 kg buckets

## 6. STORAGE

12 months in sealed container, if kept cool and frost-free. Protect from heat and direct sun.

## 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 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. Keep out of reach of children.

Please refer to EC Safety Data Sheet.

## 9. CERTIFICATES & QUALITY SEALS



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.