



TECHNICAL DATA SHEET

KEIM SOLDALAN-VERDUNNING

1. PRODUCT DESCRIPTION

KEIM Soldalan-Verdunning is a silicate thinner and primer based on a completely new binder combination of silica sol and water glass.

2. FIELD OF APPLICATION

KEIM Soldalan-Verdunning serves as thinner for KEIM Soldalit and KEIM Soldalit-Grob. When processing KEIM Contact-Plus with subsequent KEIM Soldalit coatings, KEIM Contact-Plus can also be thinned with KEIM Soldalan-Verdunning, if necessary. In addition, KEIM Soldalan-Verdunning can be used as a primer on highly absorbent substrates or partial areas such as touch-up areas.

3. PRODUCT PROPERTIES

- non-film forming
- purely siliceous
- permeable
- microporous
- absolutely UV-resistant
- highly weather-resistant
- fire behaviour: non-flammable
- no solvents added
- no plasticisers added
- low-odour

MATERIAL CHARACTERISTICS:

- Density: approx. 1.0 - 1.1 g/cm³
- Organic content: ≤ 5 %
- pH value: approx. 11

COLOUR SHADES:

milky, bluish

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be dry, sound, free from chalking, clean and dust-free. Loose parts of existing coatings must be removed mechanically or by high-pressure water jetting. Defective areas must be filled and texture-matched using a suitable repair material. Any sintered layers on new renders must be removed with KEIM Fluat-10 according to instructions. New render areas (repairs) are generally to be pretreated with KEIM Fluat-10 according to the specifications in the Technical Data Sheet. Highly absorbent surfaces must be primed with KEIM Soldalan-Verdunning.

APPLICATION CONDITIONS:

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

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CONSUMPTION:

approx. 0,15 L/m² for application as primer.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

APPLICATION:

As primer: KEIM Soldalan-Verdunning Apply undiluted.

As a thinner in the primer coat: Normally, stir ≤ 5 % into the base coat KEIM Soldalan, KEIM Soldalan-Grob or Contact-Plus.

As a thinner for highly absorbent substrates: KEIM Soldalan-Verdunning Depending on the absorbency of the substrate, stir into the base coat up to ≤ 10 % with KEIM Soldalit, KEIM Soldalit-Grob or KEIM Contact-Plus.

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
20	L	24	jerry can
5	L	96	jerry can

6. STORAGE

max. storage time	Storage conditions
12 months	frost-free cool

Material residues from opened containers should be refilled into smaller containers to keep the air space in the bucket as low as possible.

7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

Waste code: 06 02 99

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product (Cat. A/h): 30 g/l.

This product contains: 0 - 1 g/l VOC.

GISCODE:

9. GENERAL INFORMATION

Please note:

Material residues from opened containers should be refilled into correspondingly smaller containers in order to keep the air content in the bucket as low as possible.

Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

10. 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 the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.