



TECHNICAL DATA SHEET

KEIM GRANITAL-DILUTION

1. PRODUCT DESCRIPTION

KEIM Granital-Dilution is a thinner and primer made of pure, liquid potassium silicate and small organic additives for KEIM dispersion silicate paints according to VOB/C DIN 18363 par. 2.4.1. KEIM Granital-Dilution is awarded with Cradle to Cradle Certified® Silver and C2C Certified Material Health Certificate™ Gold.

2. FIELD OF APPLICATION

KEIM Granital-Dilution Serves as thinner for the following KEIM paint systems:

- KEIM Granital system
- KEIM Quarzil-System
- KEIM Ecosil-ME-System
- KEIM Mycal-Top

KEIM Granital-Dilution can be used to regulate or reduce the absorbency of highly absorbent mineral substrates!

3. PRODUCT PROPERTIES

- silicifies insolubly with the substrate
- non-film forming
- environmentally friendly
- sound in terms of building biology
- low environmental impact
- Cradle to Cradle Certified®-Certificate Silver
- C2C Certified Material Health Certificate™ Gold
- highly permeable
- solvent-resistant
- resistant against industrial emissions
- highly weather-resistant
- absolutely UV-resistant
- anti-fungal and anti-algae thanks to natural alkalinity
- fire behaviour: non-flammable
- low-odour

MATERIAL CHARACTERISTICS:

- | | |
|--------------------|-------------------------------------|
| - Density: | approx. 1,0 - 1.1 g/cm ³ |
| - Organic content: | ≤ 5 % |
| - pH value: | approx. 11 |

COLOUR SHADES:

milky

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be sound, solid, dry, clean and free from dust and grease.

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APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be ≥ 5 °C.

APPLICATION:

For pre-priming highly absorbent substrates: KEIM Granital-Dilution apply undiluted with a brush.

For dilution of the systems KEIM Granital, KEIM Quarzil, KEIM Ecosil-ME and KEIM Mycal-Top: ver la Ficha Técnica del producto a diluir .

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.

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	protected from heat and direct sun. keep container tightly sealed. frost-free cool

7. DISPOSAL

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

EC WASTE CODE:

Waste code: 06 02 99

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

9. GENERAL INFORMATION

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

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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.



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