



TECHNICAL DATA SHEET

KEIM CONCRETAL®-SD

1. PRODUCT DESCRIPTION

Water-thinnable plastic dispersion for cementitious putties.

2. FIELD OF APPLICATION

Additive to the mixing water for KEIM Concretal Concretal-FSP 0.2 to produce a shrinkage slurry.

3. PRODUCT PROPERTIES

MATERIAL CHARACTERISTICS:

- Density: approx. 0.9 - 1.1 g/cm³
- pH value: approx. 8

COLOUR SHADES:

milky

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be sound, clean and free from all loose particles, dust, oil and other substances with a separating effect. Organically bound existing coatings must be completely removed. As a rule, the substrate should be roughened by blasting. It should be slightly pre-wetted as required; but the substrate must never be saturated with water.

APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying from ≥ 5 °C to ≤ 30 °C. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

PREPARATION OF MATERIAL:

Mixing ratio at approx. 20°C:

As a shrinkage slurry:

25 kg dry filler KEIM Concretal-FSP 0.2

4.50 l water

1,5 l KEIM Concretal-SD

KEIM Concretal-SD is first added to the mixing water and mixed thoroughly, followed by mixing of the filler.

As fine plasters or scratch coats:

Here, 1 l of mixing water (based on the amount of water required for 25 kg of filler) is replaced by adding KEIM Concretal-SD:

25 kg KEIM Concretal-FSP 0.2,

3.50 l water,

1 l KEIM Concretal-SD

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CONSUMPTION:

approx. 0,06 L/m² per mm as blowhole grout.

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

APPLICATION:

The application as a blowhole slurry is carried out with a brush. Depending on the substrate and temperature conditions, it is recommended that trial areas be prepared. In case of full-surface filling or scratch filling of difficult substrates with KEIM Concretal-FSP 0.2, the substrate adhesion can be improved by the addition of KEIM Concretal-SD. For very fine fillers or scratch coats, the addition of KEIM Concretal-SD is generally recommended.

FINISHING:

At the earliest after 5 days at 20°C

CLEANING OF TOOLS:

Clean immediately with water.

5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
5	L	70	bucket

6. STORAGE

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

7. DISPOSAL

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

Waste code: 07 02 15

8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet. EU limit value for this product .

This product contains: - g/l VOC.

GISCODE:

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



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.