



TECHNICAL DATA SHEET

KEIM GRANITAL® GROB

1. PRODUCT DESCRIPTION

KEIM Granital Grob is a primary coat and filler for the KEIM Granital system which reacts chemically with the surface. It should be used as a bridging coat on previously painted surfaces or to bridge hairline cracks and equalise the surface.

The system offers water repellency, vapour permeability and forms a chemical crystalline bond with the substrate. KEIM Granital Grob is made using pure inorganic mineral fillers, earth oxide colour pigments and potassium silicate binder.

2. FIELD OF APPLICATION

On all absorbent and mineral surfaces, for filling and closing of hairline cracks and equalising differences in texture.

This product should be used in conjunction with the other components of the KEIM Granital system.

KEIM Granital Grob is not suitable for use as a top coat.

3. PRODUCT PROPERTIES

KEIM Granital Grob is a ready to apply, highly filled mineral based paint with a potassium silicate binder.

- Non-film forming
- Non-flammable
- UV and weather resistant
- Water-repellent
- Extremely vapour permeable
- Free from solvents and biocides

Material characteristics

Specific weight:	approx. 1.6g/cm ³
Diffusion-equivalent air thickness:	$s_d \leq 0.01\text{m}$
Colour fastness:	A1
Density:	Q=1.41g/cm ³

Thermal Expansion: Comparable to the mineral substrate onto which it is applied
Particle size: Fine Zone 2 Sand

Colour
White

4. APPLICATION INSTRUCTIONS

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed, all surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, decoration using KEIM Mineral Paints may proceed.

Application

KEIM Granital Grob should be diluted with 20% by weight KEIM Granital Dilution, brush or roller applied and worked well into all surfaces. After a minimum period of 12 hours a final coat of KEIM Granital in the chosen colour may be applied in a like manner, undiluted.

Application conditions

Ambient and substrate temperature above 5°C and below 30°C. Do not apply in direct sunlight or onto sun-heated surfaces, nor if it is raining or if there is an immediate likelihood of rain.

Drying time

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

Consumption

Approx. 0.2kg/m² KEIM Granital Grob and 0.04lt/m² KEIM Granital Dilution.

Consumption rates are offered for guideline purposes only and are quoted for smooth rendered surfaces. Actual rates are the responsibility of the

applicator. Project specifications should be referred to for specific rates.

Cleaning of tools

Clean immediately after use with water.

5. PACKAGING

5 kg & 25 kg containers

6. STORAGE

Shelf life is approx. 12 months if kept dry, cool, but frost-free in tightly closed containers. Protect from moisture.

7. DISPOSAL

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

8. SAFETY INSTRUCTIONS

Cover surfaces which are not to be painted, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Please, refer to the EC Material 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.

