KEIM GRANITAL GROB®

Primer for Keim Granital system

December 2024

PRODUCT:
Keim Granital Grob is a primary coat and respectively filler for Keim Granital which reacts chemically with the surface. Can be used as a bridging coat on previously painted surfaces or to bridge hairline cracks and equalise the surface. Is also used on internal areas to achieve Class 0 spread of flame and upgrade mineral surfaces to Class 1.

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

FIELD OF APPLICATION:
On all absorbent and mineral surfaces, especially etched areas, for filling/closing of hairline cracks and equalising of structures.

COLOUR:
White.

STANDARD PACKS:
5 kg, 25 kg containers.

PROPERTIES:
- Water vapour permeable
- Resistant to mould and fungal growth
- Easily cleaned
- Free from solvents
- Free from biocides
- Non flammable

TECHNICAL DATA:

Material Characteristics	Keim Granital Grob
Resistance to vapour diffusion	s_d=0.01 m
Density	Q=1.141 g/cm$_3$
Thermal expansion	Comparable to the mineral substrate to which it is applied onto.
Flash point	Non flammable
Particle size	Fine zone two sand

SUBSTRATE PREPARATION:
Keim Mineral Paints should be applied onto wind dry surfaces where the moisture content on or near the surface (to a depth of 5 mm approximately) should be no greater than 18% by volume. For on-site purposes a moisture reading may be employed to give a qualitative reading - if the reading is in the green zone decoration may proceed. When all surfaces are clean, sound, wind dry, dust free and free of 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.

Air and surface temperature >5°C.

CONSUMPTION:
For two coats onto a smooth surface approx. 0.2 kg/m² Keim Granital Grob and 0.04 lt/m² Keim Granital Dilution. Final coat 0.2kg/m².

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TOOLS:
Clean immediately with water.

STORAGE:
Approx. 12 months, if kept cool, but frost free in tightly closed containers.

Identification Ref Ordinance of Dangerous Goods	Not applicable
Danger Class in Goods Traffic	Not applicable

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

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No

MANUFACTURERS CONTACT DETAILS:

Manufacture location	Germany
Legal and trading name of manufacturer	KEIMFARBEN GMBH
Manufacturer address for service	86420 Diedorf, Keimstraße 16
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