

KEIM Contact-Plus

Fibre-reinforced, highly filled renovation priming coat



1. Product description

KEIM Contact-Plus is a highly filled, fibre-reinforced priming coat for renovation work (silicate emulsion paint according to DIN 18363, 2.4.1) containing a pure acrylate additive, glass fibers and high-grade minerals in balanced grain sizes and shapes. KEIM Contact-Plus is ideally suitable for crack-filling and equalising.

2. Field of application

KEIM Contact-Plus is used as a bonding bridge between sound, existing organically bound coatings and subsequent coats of KEIM silicate emulsion paints if those cannot be stripped off due to e.g. environmental or other reasons. Not suitable are plasto-elastic old coatings or coatings susceptible to saponification (e.g. certain oil paints).

KEIM Contact-Plus provides an optimal, crack-bridging and filling effect (for hairline and shrinkage cracks up to 0.5 mm) on mineral substrates or organically bound old coatings thanks to the specific selection of fibres and fillers. Moreover, differences in substrate texture are equalised.

3. Product properties

- Bonding bridge between an existing organic substrate and subsequent coats of KEIM silicate emulsion paints
- Crack-filling (for crack width up to max. 0.5 mm)
- Fibre-reinforced
- Texture-equalising
- Non-film-forming
- UV-resistant
- Incombustible

Material characteristics

- Specific weight: approx. 1.70 g/cm³
- Vapour diffusion resistance: $s_d \leq 0.02$ m
- Max. grain size: 0.5 mm
- pH-value: approx. 11.4

Colour shade

White

4. Application instructions

Substrate preparation

The substrate must be sound, dry, clean and free of dust and grease. Any loose areas of existing organically bound coatings and dirt should be removed either mechanically or by water jetting. Use KEIM Spachtel, KEIM Concretal-Feinspachtel or KEIM Leichtpachtel to make good any damaged areas. The existing coating must be completely removed wherever filler is to be applied.

Application

On non-absorbent substrates, apply KEIM Contact-Plus evenly by brush, always undiluted, using criss-cross strokes.

On absorbent substrates, the product may, if necessary, be diluted with up to 10% (25 kg with 2.5 l dilution) of KEIM Fixativ, KEIM Spezial-Fixativ, KEIM Soldalit-Fixativ or KEIM Concretal-Fixativ.

KEIM Contact-Plus can also be applied by airless spraying (nozzle 0.99mm/ 0.039 inch; see technical data sheet "Airless technique" for further information).

Subsequent coats

KEIM Contact-Plus must always be overcoated with one or two subsequent paint coats, for example with KEIM Granital, KEIM Soldalit or KEIM Concretal-W. With light colour shades (price group I), a single, undiluted, opaque finishing coat is generally sufficient.

Darker colour shades (price group II) require two subsequent coats, e.g.:

Intermediate coat: KEIM Granital diluted (max. 2 l KEIM Spezial-Fixativ per 10 kg)

Top coat: KEIM Granital undiluted.

KEIM Contact-Plus can be tinted by adding up to 10% KEIM Granital, KEIM Concretal-W, KEIM Soldalit or KEIM colour concentrates.

Application conditions

Ambient and substrate temperature $> + 5^{\circ}\text{C}$. Do not apply in direct sunlight or onto sun-heated substrates. Protect coated surfaces from direct sunlight, wind and rain during and after application.

Drying times

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



Consumption

On a smooth, non-absorbent substrate for a filler coat: approx. 0.4 kg of KEIM Contact-Plus. On a smooth, absorbent substrate: approx. 0.5 kg of KEIM Contact-Plus

The stated consumption values are for guidance and depend on the nature of the substrate and the application method. Exact consumption values can only be determined by painting trial areas on the structure to be coated.

Cleaning of tools

Clean with plenty of water immediately after use.

5. Packaging

5 kg and 25 kg containers

6. Storage

Shelf life is approx. 12 months in a sealed container under cool, but frost-free conditions.

7. Disposal

EC Waste Code No. 08 01 12

Any residues must be emptied out of containers before recycling.

8. Safety instructions

GISBAU Product Code/ GISCODE: M-SK 01

The mineral binder has an alkaline action. Provide appropriate protection for surfaces which are not to be coated (e.g. glass, natural stone, ceramics, wood etc.). Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes. Keep out of reach of children.

Please refer to EC 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.

