

KEIM Intact

Silicate based filler coat and filler additive for interior use



1. Product description

KEIM Intact is a universal silicate based filler coat for interior use according to DIN 18363 Abs. 2.4.1, silicate emulsion paint.

2. Field of application

KEIM Intact is suitable as a filling priming coat or as a filler additive for KEIM Biosil white or KEIM Ecosil-ME to fill and level surface irregularities in uneven substrates such as cracked old substrates, repaired substrates or other differences in texture. KEIM Intact may also be used to produce a render-like roughness on smooth substrates such as plasterboard. KEIM Intact and mixtures where KEIM Intact is used as a filler additive can be used as priming coats or be applied twice as a priming coat and a top coat.

3. Product properties

- fills and levels surface irregularities
- provides texture on smooth substrates
- wide range of applications, can be mixed with KEIM Biosil white or KEIM Ecosil-ME
- permeable to water vapour
- no solvents, plasticisers or biocides added
- non-flammable
- hinders fungal and mould growth due to mineral alkaline nature
- good adhesion
- mineral matt, not glossy
- economic thanks to straightforward application

Material characteristics

- specific weight: approx. 1.60 g/cm³
- vapour diffusion resistance: $s_d = 0.02$ m

Colour shade

White and shades from KEIM's Palette Exclusiv range (except 9001-9010).

KEIM Intact can be tinted with KEIM colour concentrates or by mixing with KEIM Ecosil-ME.

4. Application instructions

Substrate preparation

The substrate must be clean and dry. Remove dust and loose particles. Highly absorbent or dusting substrates are pretreated with KEIM Soliprim or KEIM Spezial-Fixativ. Sound coatings or sound remnants of existing coatings may be overcoated with KEIM Intact. In the case of existing organic coatings, the resistance of the coating's binder to saponification should be checked. Distempers must always be washed off. Trial areas of old substrates should be coated to detect any bleeding (wood stains, tar etc.).

On application onto plasterboard, discolouration may arise due to the lignin constituents of the paperboard if the plasterboard has been exposed to sunlight or has been installed or stored for an extended period in a moist environment. Such discolouration can be eliminated by applying an intermediate coat of KEIM Isolierweiß from corner to corner between the priming coat and the finishing coat.

Application:

KEIM Intact can be applied by brush, roller or airless spraying (nozzle size: 0.94 mm/ 0.037 in.). KEIM Intact can be mixed in any ratio with KEIM Biosil white or KEIM Ecosil-ME. Mixing ratios of 1:1 to 1:2 parts by volume of KEIM Intact to KEIM Biosil white or KEIM Ecosil-ME have proved successful for efficient roller application. Such mixtures also provide the best substrate conditions for a subsequent silicate glaze paint finish. The lower the content of admixtures, the better is KEIM Intact's crack filling action.

Brush application results in the best crack filling action, while roller application yields a more highly textured surface.

Depending on how drying is progressing, an interval of at least 12 hours should generally be observed between the priming and final coat.

Consumption

Approx. 0.25 l/m² as an unmixed priming coat, highly dependent on the substrate and type of application.

Determine actual consumption by applying trial areas. If necessary, dilute with KEIM Spezial Fixativ.

Cleaning of tools

Clean thoroughly with water after every working stage.



5. Packaging

15 l and 5 l containers

6. Storage

12 months in a tightly sealed container under cool, frost-free conditions.

7. Hazardous substances Ordinance class

n/a

8. Transport hazard class

n/a

9. Disposal

EC Waste Code no. 08 01 12
Any residues must be emptied out of containers before recycling.

10. Safety instructions

Cover areas which are not to be coated, especially glass, ceramics and natural stone. Protect the eyes and skin from splashes of paint. Keep out of reach of children.

Product code: M-SK 01

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.

