



1. Product description

KEIM Ecosil-Grob is a heavy duty, multipurpose interior silicate filled primer to DIN 18 363, 2.4.1, silicate emulsion paint. KEIM Ecosil-Grob is a base or intermediate coat within the Ecosil System.

2. Field of application

KEIM Ecosil-Grob is suitable for interior walls and ceilings in heavily used areas such as public buildings, hospitals, schools, offices, hotels, restaurants and food storage areas. Suitable substrates include all mineral renders, stucco, concrete, brick, plasterboard, glass fiber fabric and sound existing mineral coatings.

Highly absorbent or dusting substrates should be pretreated with KEIM Soliprim. KEIM Ecosil-Grob should only be applied as a base or intermediate coat to equalize textural differences or to fill fine hairline cracks. KEIM Ecosil-Grob is not suitable for surfaces with salt efflorescence, on wood and enamels without proper surface preparation.

3. Product properties

- Equalizes differences in texture
- Fills hairline cracks and crazing
- Resistant to disinfectants
- Non-flammable
- No solvents added
- Extremely vapor permeable
- Easy to touch up
- Elevated hiding power
- Non-flammable, no smoke or toxic fumes
- Resistant to fungal and mold growth, due to mineral alkaline nature
- LEED - yes

Material characteristics

- specific weight: approx. 1.60 g/cm³
- diffusion-equivalent air-layer thickness: $s_d < 0.01$ m (FPL report)
- VOC content (white or tinted) ASTM D6886: < 1g/l
- Vapor permeability 75 - 85 perms

Color shade

White and according to KEIM's Palette Exclusive range. Not available in full tone colors. Tint only with KEIM color concentrates.

4. Application instructions

Application temperature

Ambient and substrate temperature must not fall below 41 °F (+5 °C).

Substrate preparation

Highly absorbent or dusting substrates should be pretreated with KEIM Soliprim. Existing film-forming coatings which impede vapor diffusion and/or are not sound must be removed with the paint stripper KEIM Bio-Stripper.

Any sinter layers on new renders should be removed with KEIM Lime Remover according to the manufacturer's instructions. New areas of render (repairs) should generally be pretreated with KEIM Lime Remover as specified in the Technical Data Sheet.

The mineral substrate must be sound, dry, clean and free of dust, grease, oils, salts and other substances that would prevent bonding.

Application

KEIM Ecosil-Grob may be applied by brush, roller or spraying (nozzle size: 0.94 mm / 0.037 in.). Depending on how drying is progressing, an



interval of at least 12 hours should generally be observed between the base and top coat.

Base coat: Dilute KEIM Ecosil-Grob with up to 10% KEIM Spezial-Dilution.

Top coat: KEIM Ecosil-ME undiluted.

Consumption

Base coat:

Approximately 270 - 320 Sq.Ft. per gallon of Ecosil-Grob plus up to 10% KEIM Spezial Dilution
12.8 fl. oz. of KEIM Spezial Dilution per gallon of KEIM Ecosil-Grob = 10%.

The stated consumption figures are for guidance. Exact values can only be determined by painting test areas on the structure to be coated.

Application conditions

Ambient and substrate temperature >41°F (+ 5°C).

Cleaning of tools

Clean with water immediately after use.

5. Packaging

1 gallon, 2 gallon and 4 gallon containers

6. Storage

Approx. 12 months in sealed container under cool, frost-free conditions. Protect from heat and direct sunlight.

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. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water. Protect the eyes and skin from splashes of paint. Do not eat or drink during application. 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.

