



KEIM ECOSIL®ME

KEIM Ecosil-ME is a high performance, environmentally friendly mineral paint for interior use. KEIM Ecosil-ME is the only internal silicate paint which optimises air quality, making use of the MiNox™ effect.

KEIM Ecosil-ME has been developed to meet the demand for a truly environmentally friendly paint for interior application. Water based, solvent free, non allergenic, odourless and breathable it is ideally suited for decoration of interior areas, in particular for people with allergies, and for areas where relocation of occupants during decoration is impractical.

KEIM Ecosil-ME is breathable and anti-condensation, forming a microcrystalline structure with the substrate when applied, which allows the free passage of vapour from the substrate whilst preventing ingress of moisture. This microcrystalline structure gives a high level of light reflectance, resulting in energy savings through reduction in lighting levels. KEIM Ecosil-ME is inherently non flammable and mould and fungal resistant.

KEIM Ecosil-ME and the MiNox™ effect

The MiNox™ effect works by utilising light energy to neutralise pollution. The photo-catalyst, TiO_2 (titanium dioxide) is added to KEIM Ecosil-ME as pigment. Energy is absorbed from sunlight and activates the catalyst. The photo-active pigment can decompose organic pollutants and odours, transforming these materials into small, harmless components. KEIM Ecosil-ME neutralises noxious gases and pollutants, including industrial and traffic pollution, furniture and carpet cleaning solutions, cigarette smoke, formaldehyde, acetaldehyde, fatty substances and stearates.

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TECHNICAL INFORMATION

1 Field of application

For all mineral plasters, concrete, plasterboard and sound previously painted surfaces (not suitable for pure gypsum surfaces).

2 Product properties

- Water vapour permeable, non film forming, and micro-porous
- Abrasion resistant
- Non flammable - A2-s1, d0
- Intense and lightfast colour shades
- Outstanding opacity
- No solvents and plasticisers added
- Suitable for allergy sufferers
- Antibacterial effect
- Resistant to mould growth
- Low environmental impact
- Photocatalytic effect
- Disinfectant resistance
- Cradle to Cradle Certified®

Colour shades

White and in accordance the KEIM Exclusiv Palette with specials available. Not available in full tone colours (9001-9010).

KEIM Ecosil-ME s_d : $\leq 0.02m$

VOC Content: 0-1g/l VOC

3 Application instructions

Substrate preparation

Highly absorbent or friable substrates should be treated with KEIM Granital Dilution. A base coat of KEIM Ecosil Grund is required for previously painted/ stripped surfaces or as an option onto substrates which have repaired or filled areas

Application

Onto unpainted surfaces KEIM Ecosil-ME should be applied as a two coat system applied by brush or roller, working well into all surfaces, with a minimum period of 5 hours between coats.

For previously painted surfaces KEIM Ecosil Grund should be used as a first coat

Consumption

Approx. 0.3lt/m² KEIM Ecosil-ME for a smooth surface.

Consumption rates are offered for guideline purposes only and are quoted for smooth 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.

