

KEIM SOLDALIT®-ME

KEIM Soldalit-ME is an exterior sol-silicate photocatalytic mineral paint.

KEIM Soldalit-ME is a variation of KEIM Soldalit which offers sustainable exterior protection for buildings with the additional environmental benefit that it helps to degrade nitrogen oxide pollutants from the atmosphere.

In addition to improving air quality KEIM Soldalit-ME offers high levels of algae and fungal resistance and actively kills spores and surface contaminants. The paint system contains a catalyst which, when activated by light, degrades surface contaminants. This process is ideal for urban environments where traffic and pollution levels are high, but is increasingly beneficial for any properties or areas which suffer from prolific algae growth and fungal attack.

Photocatalytic mineral paints use light energy to neutralise pollution by the addition of the catalyst titanium dioxide. The photocatalytic reaction converts Nitrogen Oxides and other harmful pollutants such as formaldehyde and acetaldehyde into harmless nitrates. The reaction also helps to breakdown organic material and contaminants, keeping surfaces cleaner. The catalyst is not used up by the reaction and will continue to react for the life of the paint.



KEIM SOLDALIT®-ME

TECHNICAL INFORMATION

1 Field of application

For all mineral, absorbent surfaces, in particular suitable for restoration coatings on repaired and stripped surfaces, suitable for application onto previously painted surfaces.

2 Product properties

- Reduces toxic gases (e.g. NO_x, VOCs) and organic pollutants
- Water vapour permeable, non film forming, and micro-porous
- Multi purpose application
- High weathering resistance
- Non flammable
- Lightfast
- Water repellent
- No solvents and plasticisers added
- Resists algal and fungal growth

Colour shades

White and in accordance with the Keim Exclusiv and Keim Avantgarde swatches, with specials available. No monochrome or dark colour shades available.

KEIM Soldalit-ME s_d: ≤ 0.01 m, class 1

VOC Content: 0-2 g/l VOC

3 Application instructions

Substrate preparation

Highly absorbent or friable substrates should be treated with KEIM Soldalit Fixativ. A base coat of KEIM Soldalit Grob is recommended for substrates which have repaired or filled areas.

Application

KEIM Soldalit-ME should be applied as a two coat undiluted system. KEIM Soldalit-ME can be applied by brush, roller, or air-less spray with a minimum period of 12 hours between coats.

Consumption

Approx. 0.45kg/m² for two coats onto a smooth surface.

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

4 Packaging

5kg & 25kg containers

