



KEIM BIOSIL

1. Product Information

Keim Biosil is a silicate based high quality interior paint manufactured in accordance with DIN 18363 2.4.1. dispersion silicate paints.

2. Field Of Application

Keim Biosil is ideally suited for use in schools, hospitals, public offices, hotels and homes. Keim Biosil may be applied to all internal surfaces in living rooms, kitchens, bathrooms, staircases as well as in cellars

Suitable substrates include all mineral plasters, concrete, plasterboard and sound previously painted surfaces.

3. Product Characteristics.

- Cleanable in accordance with DIN 53 788
- Free from solvents
- Free from biocides
- Easy to overpaint
- Highly oblitative
- Non flammable
- Stops mould/fungal growth (mineral alkaline)

Material Data:

Specific Weight	1.43 g/cm ³
Resistance to vapour diffusion	s _d = 0.02 m
Degree of glossiness	matt
Lightness value:	89.7

Colour Shades:

White and colours according to Keim Palette Exclusiv (in groups 1 and 2).

4. Application

Substrate Preparation:

Any loose and flaking paint should be removed using wire brushes and broad bladed scrapers to get back to a sound edge. Any gloss or shiny surfaces should be thoroughly flatted down using sand or emery paper to create a good key.

Keim Biosil should be applied onto wind dry surfaces where the moisture content on or near the surface (to a depth of 5mm approximately) should be no greater than 18% by volume. For on-site purposes a moisture reading may be employed to give a qualitative reading - if the reading is in the green zone decoration may proceed.

Highly absorbent or friable substrates should be treated with Keim Dilution. A base coat of Keim Biosil Grund (plus Dilution) with a final coat of Keim Biosil is recommended for substrates which have repaired or filled areas, for existing sound painted surfaces and/or plasterboard.

Decoration:

When employing pastel colours it is possible to decorate with a 2 coat Keim Biosil system, applied directly onto bare surfaces without the need for stabilising solutions or mist coats. Materials should be applied directly from the container having firstly been thoroughly mixed, preferably with a mechanical mixer. Application may be by low-pressure spray, brush or roller and where necessary worked well into all surfaces with a minimum period of 12 hours delay between coats. For previously painted surfaces use Keim Biosil Ground as a first coat.

Decoration Cont:

As is good general practice contractors should keep a wet edge and if employing some darker colours, contractors should work to a natural breakline. Where touch ups are required these can be achieved with care by lightly wetting the surrounding area with clean water and rolling/brushing out into this pre-wetted area.

Air and surface temperature >5°C

Consumption:

Keim Biosil 0.3 lt per square metre for 2 coats

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.

Tools:

Clean immediately after use with water.

5. Packaging

5 & 15 lt containers

6. Storage

Approx. 12 months, if kept cool but frost free in tightly closed containers.

7. Identification Ref Ordinance Of Dangerous Material.

Not applicable

8. Danger Class In Goodstraffic

Not applicable

9. Safety Instructions

Cover surfaces which are not to be painted, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from splashes. Keep out of reach of children.

Refer to appropriate COSHH data sheets.

