



KEIM POROSIL

1. Product Information

Keim Porosil Paint is an opaque coating with a silicate base manufactured in accordance with DIN 18363 2.4.1. for use on lightweight porous concrete.

2. Field Of Application

- As a coating for pre-fabricated building components of porous lightweight concrete which are:
 - Untreated
 - Surface treated with Keim Porosil-Structure
 - surface treated with Keim Porosil-Spachtel
- As a coating for Keim Porosil Leichtputz on porous concrete masonry blocks or porous bricks (refer to individual proposals)

3. Product Characteristics.

Material Data:

Specific Weight	1.55 g/cm ³
Water absorption co-efficient	$W < 0.1$ kg/m ² · h ^{0.5}
Diffusion equivalent air layer Thickness	$s_d \leq 0.02$ m

Colour Shades:

According to Keim Palette Exclusive, light reflectance value >30

4. Application

Substrate Preparation:

All surfaces to be decorated with Keim Mineral Paints should be clean, sound, wind dry and dust free. Any loose and flaking material should be removed. Damaged corners, edges and deep imperfections only to be structurally equalised using Keim Porosil Repair Mortar.

Small damages up to a max. of 5 mm deep and larger pores should be filled using Keim Porosil Ultraspachtel.

Priming coat for:

- structural equalisation: Keim Contact
- weathered surfaces: Keim Porosil Dilution
- humid surfaces: Keim Silan Primer

Decoration:

Keim Porosil Paint can be applied by brush, roller or spray.

First coat: Porosil to be diluted with 20-10% by weight Porosil Dilution.

Second coat:: Porosil undiluted.

Do not apply at ambient and base temperature below 5°C (+40°F) or above 30°C. Only apply in dry weather. Protect during application from direct sun, wind and rain. Protect from rain after application.

Consumption rates:

- First and final coat on untreated porous concrete

Approx. 0.95 kg/m² Keim Porosil and 0.2 lt/m² Keim Porosil Dilution
- First and final coat on Keim Porosil Spachtel or Keim Porosil Leichtputz.

Approx. 0.35 kg/m² Keim Porosil and 0.1lt/ m² Keim Porosil Dilution

Consumption rates are for guideline purposes only. Site trials should be conducted to ascertain actual rates.

Tools:

After use clean tools with water.

5. Packaging

5 & 25 kg containers

6. Storage

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

7. Identification Ref Ordinance Of Dangerous Material.

None

8. Danger Class In Goodstraffic

None

9. Product Code

M-SK 01

10. 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.

