



TECHNICAL DATA SHEET

MASONRY SPACKLE

MINERAL SILICATE FILLER/PUTTY

1. PRODUCT DESCRIPTION

Ready-to-use, high quality sand texture silicate based filler and putty for all mineral surfaces, interior and exterior, to fill holes, small cracks, and other minor surface defects.

2. FIELD OF APPLICATION

Use to fill surface imperfections, holes and minor cracks in stucco, plaster, concrete and all types of masonry in preparation for painting with mineral paints. It may be used in conjunction with glass fiber mesh for reinforcement. Recommended Uses:

- Interior and exterior
- Horizontal and vertical surfaces
- Above grade
- Cast and precast concrete
- Masonry and brick structures
- Natural stone
- Stucco
- Gypsum and lime plaster

3. PRODUCT PROPERTIES

Formulated entirely from pure mineral fillers and potassium silicate binder and contains no plasticizers, biocides or pesticides.

Typical layer thicknesses: 0–3mm (0–1/8")
Filler grain size 0–0.5mm (0–1/64")

Technical data

Density (approx.)	1.7 g/cm ³
Water absorption coefficient:	Absorption coefficient: w = 0.7 kg/m ² h ^{0.5}
Vapor diffusion resistance:	sd = 0.08m at 0.5mm layer thickness
Flashpoint	NA
VOC	< 1 g/liter

Color: Off white

Environmental Compliance

EPA	YES
LEED	YES
CARB	YES
SCAQMD	YES

4. SURFACE PREPARATION

The masonry surface must be clean, dry and sound. Loose material should be removed with a wire brush, scraper or power washing.

5. APPLICATION

Masonry Spackle is supplied ready to use. Apply in thin layer(s) by trowel. If glass fiber mesh is to be embedded apply a first layer approximately 2mm thick (1/16") and press fabric into wet filler and smooth out the excess by trowel. Overlap seams in the glass fiber mesh as needed. Once the first layer has hardened, apply a second layer by trowel. The total layer thickness should not exceed 5mm (1/4").

Deeper areas may be filled to a maximum of 10mm (1/2") thickness in total.

Setting Time

The setting time depends upon the layer thickness and weather conditions.

- Thin layer, dry weather 1 day
- Thick layer, humid weather several days

Painting

Masonry Spackle can be painted with any of the Keim paint systems after it is has set properly.

Application conditions

Ambient and substrate temperature: 40°F and rising. Do not apply in direct sunlight or on sun-heated substrates or if rain is eminent. Do not use if overnight frost is expected.

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Coverage*

1/32": 4 SF per lb

1/8": 1.35 SF per lb

1/4": 0.65 SF per lb

Coverage rates are offered for guideline purposes and are quoted for smooth surfaces. Actual rates will vary based on applicator technique, skill and environmental conditions.

Cleaning

Clean spills, spatters, hands and tools immediately with water.

Mixing with other products

In order to maintain the specific features of Masonry Spackle it must not be inter-mixed with other products or additives. Do not dilute with water.

6. PACKAGING

5 kg (11 lbs) and 25 kg (55 lbs) buckets

7. STORAGE

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

8. DISPOSAL

Dispose of completely emptied containers in accordance with local, state and federal waste regulations.

9. SAFETY INSTRUCTIONS

Cover surfaces which are not to be spackled, in particular glass, natural stone, ceramics etc. Protect the eyes and skin from residue. Keep out of reach of children. Refer to SDS for full safety details.

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.

The information and recommendations set forth in this Technical Data Sheet are based upon tests conducted by or on behalf of KEIM Mineral Coatings. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult <http://www.keim-usa.com/Technical-Data-Sheets> for the latest in product technical information.