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## Silicate emulsion primer for absorbent substrates

### Areas of application:

- for highly absorbent substrates such as calcium silicate and mineral insulation board
- for mineral substrates such as masonry, solid plaster, concrete and similar

### Characteristics:

- solvent-free
- plasticiser-free
- low odour
- high penetration depth
- good surface hardening
- highly breathable

### Technical data:

- Binder base / Ingredients: Potassium silicate with organic additives / Potassium silicate, Polymer dispersion, Water, additives
- Density: approx. 1.05 g/ml
- Use: approx. 200-400 ml/m<sup>2</sup> per coat
- Airless application: Nozzle 0.019-0.024"  
Spray pressure 150-180 bar  
Spray angle 40-50°
- Colour: transparent

### Instructions for use:

The substrates must be smooth, solid, free from any contamination, efflorescence, discolouration, fungal contamination, sintered layers, layers of flour grains and separating substances. The substrates, especially levelling compound and gypsum-based plasters, must be completely dry. Any old coatings that still exist must be tested for suitability, adhesion and load-bearing capacity. Please take note of VOB, part C, DIN 18363, paragraph 3 and the respective BFS leaflets. Legal regulations must be observed during cleaning work. It is recommended to apply to sample areas before starting work to check adhesion and surface appearance.

Mix the material well before use. Apply the **primer [Grundierung]** evenly using a brush, spray or roller; a dense, shiny layer should not be created. In order to avoid deposits on larger surfaces, rapid wet-on-wet coating is necessary. During the processing and drying time, the temperature must remain above +8°C. The **primer [Grundierung]** can be recoated after approx. 4 hours at +23°C and 50% relative humidity. At lower temperatures or higher air humidity, the drying time is extended.

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**Special notes:**

When using the spray method, do not inhale the impregnation material and apply an A2/P2 combination filter for paint spraying. Use a P2 dust filter for grinding or sanding work. Carefully cover the area surrounding the painted surface, especially any glass, brick, ceramics, natural stone, metal or paint. Do not allow the substance to enter drains, water courses or soil.

**Safety instructions:**

Keep out of the reach of children. Do not allow contact with eyes, skin or clothing. IF CONTACT IS MADE WITH THE EYES: Rinse carefully with water for several minutes. If wearing contact lenses, remove them when possible. Keep rinsing.

**GISCODE:**

BSW 40

**VOC content:**

Class a Type wb, VOC limit value from 2010 = 30 g/l, VOC content < 0.1 g/l

**Cleaning the tools:**

Clean immediately after use with water.

**Disposal:**

Only completely empty containers should be sent for recycling. Dispose of liquid material residues at an authorised collection point for old paints/varnishes. Dried material residues can be disposed of as hardened paint or as household waste. AVV Waste Material No. 08 01 12.

**Storage:**

Can be kept cool, frost-free and in original sealed containers for at least 24 months. Ensure any opened containers are properly sealed and use the contents soon.

**Dimensions/Form of delivery/Article No.:**

1 l bottle / AC101TG  
5 l canister / AC100TG  
10 l canister / AC099TG

**Other:**

The requirements of the EC Safety Data Sheet must be adhered to.

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