

# PUFAS Mineral Primer MG6

## General product description:

Adhesion-promoting, pigmented mineral primer. Optimizes open times of following coatings with emulsion, silicone resin and silicate emulsion paints.



## Properties:

- white, high opacity for evening out colour
- enhanced key to improve adhesion
- sol-silicate technology for extra-low-stress drying and remineralization of critical substrates to receive coatings amenable to silicification
- optimizes open time for following coatings
- exhibits natural properties to protect against mould
- preservatives minimized
- solvent-free and emission-minimized
- low-odour
- vapour-permeable

**Use:** For indoor and outdoor use.

## Areas of application:

PUFAS Mineral Primer MG6 is used to create substrates amenable to silicification for subsequent coating with silicate emulsion paints. Emulsion and silicone resin paints can also be applied as finishing coat to adhesion-promoting priming coat.

Special formulation of Mineral Primer MG6 significantly extends open time of following coatings, thus allowing seamless coating of large areas, even in unfavourable lighting conditions.

As MG6 produces white surfaces with enhanced key, it can be used as adhesion promoter on smooth, low-suction substrates.

For application to all standard mineral substrates, e.g. concrete, gypsum/lime/cement plasters/renders, gypsum plasterboard, gypsum fibreboard, cement fibreboard and similar drylining board as well as emulsion, silicone resin and silicate emulsion paints, synthetic resin plasters and the like. Ideal for application to mineral calcium-silicate board indoors. Use in conjunction with our mineral filling compounds, PUFAS Glass Fabric Adhesive Silicate GS, Painter Universal Fabric and PUFAS Sol-Silicate Paint thus allows production of highly vapour-permeable mineral coating systems.

### Note:

All details and data presented in this information sheet are based on our practical experience and laboratory investigations, and reflect the current state of the art. They can, however, only serve as general guidance and shall provide no guarantee of specific properties or performance. Given that the conditions for storage, transportation and application of products are beyond our control, no legal liability may be construed from the information presented here. It shall be the responsibility of the user to check the product's suitability for the envisaged purpose under the specific site or project conditions.

## Technical Information

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### Technical data:

Raw material base:	Potassium water glass, silica sol, mineral fillers, polymer dispersion, titanium dioxide, water, additives
Density:	1.45 g/cm <sup>3</sup>
Max. particle size:	< 130 µm
Consumption:	Approx. 150 – 200 ml/m <sup>2</sup>
Gloss level:	Dead matt to DIN EN 13300
Dilution:	Material supplied ready-for-use
Tinting:	< 3 % PUFAMIX Concentrated Colorant (LW (light- and weather-resistant) oxide types)
GISCODE for coating materials:	BSW10

### Substrate condition:

Substrate shall be dry, clean, solid, strong, and free from laitance and adhesion-impairing or corrosive substances. Remove any inadequately strong coatings, wallpaper adhesive residue or other contamination. Substrates shall be assessed and treated in accordance with VOB (German Construction Contract Procedures) Part C 18363. If substrate preparation necessitates additional priming, use products such as PUFAS Silicate-Fixative SF or PUFAS Hydrosol Primer Deep-Penetrating LF.

### Application guidance:

**Application method:** By roller, brush or spray

**Compatibility:** Do not mix with other materials

**Temperature:** Material, ambient air and substrate temperature min. + 5 °C to max. + 30 °C

**Drying time:** At + 20 °C and 65 % relative humidity, overcoatable after 12 hours; allow suitably longer drying times for low temperatures

**Indoor air pollution:** Solvent- and plasticizer-free

**Application:** No priming is required on strong substrates or existing coats. For assessment of situation, BFS (German Federal Committee for Paint and Protection of Material Assets) guidance papers no. 10, 20 and 26 shall be additionally observed. Apply coats in undiluted form.

**Spray application:** Nozzle size: 19 – 23 inches  
Working pressure: 180 bar

Specifications of spray equipment manufacturer shall be observed.

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### Other guidance:

Precautionary statements: Keep out of reach of children.

Safety data sheet: Up-to-date safety data sheets are available from our website at [www.pufas.de](http://www.pufas.de) or from [sds@pufas.de](mailto:sds@pufas.de).

Storage: Store in cool, though frost-free environment in properly sealed containers.

### Container sizes:

Item No.	EAN	Container size
016302000	4007954163023	5 ltr
016304000	4007954163047	12.5 ltr

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