

Technical data sheet

Product description

Intended use:	White pigmented silicate-based primer for adhesion-promoting and absorption-balancing coatings in interior areas. Perfectly suitable for priming mineral substrates and sound old coatings. Also recommended as an adhesion-promoting primer for interior use on absorbent, smooth and solid substrates such as gypsum boards, concrete or emulsion paints.		
Properties:	<ul style="list-style-type: none">- free from solvents and plasticizers, free from preservatives- very good filling properties- allergy neutral, low-emission, low in odour- naturally fungicidal, as it is mineral alkaline- excellent adhesion- free from substances causing magic dust- fulfils the requirements VOB (German Construction Contract Procedures), part C, DIN 18363 para. 2.4.1 to silicate emulsion paints (max organic portion < 5%)- s_d-value: class 1 (according to DIN EN ISO 7783-2)		
Content as per VdL Directive 01: (Association of German paint industry)	Potassium silicate, acrylate dispersion, titanium dioxide, calcium carbonate, water, additives		
Colour:	white		
Specification:	specific weight:	approx. 1.58 g/cm ³	DIN 51757
	pH-value:	approx. 11.5	DIN 53785
Storage:	For at least 2 years in unopened original container. Store in frost-free and dry places at a temperature between +5 °C and +30 °C.		
VOC-regulation:	EU limiting value for the product (cat. A/h): 30 g/l. This product contains max. 0 g/l of VOC.		

Application

Processing conditions:	Avoid substrate and ambient temperatures below +5 °C and above +35 °C. Do not apply if exposed to direct sunlight or high wind.
Suitable substrates:	limestone, fibre cement boards (observe BFS-Merkblatt Nr. 14), concrete, lime-cement and cement plasters (PI, PII and PIII), clay plaster, natural stones as well as old mineral substrates. Do not apply on pure gypsum plasters (PIV), aerated concrete, synthetic resin roughcasts, wood, lacquer and oil paints or substrates presenting deposits of efflorescent salts.
Substrate preparation:	The substrate must be clean, solid and dry. Remove old coatings that are not sound. Repaired plaster areas and touch ups must be well set and desiccated. In case of powdery, friable and large-pored surfaces apply a priming coat of Mipa Tiefgrund LF. Observe VOB, part C, DIN 18363.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

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Application method:	Brushing, rolling or Airless spraying: When applying by means of plunger pumps, remove all filters of the airless device and of the spray gun. Nozzle size depends on the power of the device and ranges between 0.79 and 1.09 mm; spray angle 50° Thin with max. 5% water.
Dilution:	If necessary, dilute slightly with water (max. 5%) and adjust to the absorptivity of the substrate.
Application:	Stir material well before application. Apply and spread Mipa Silikat-Grund evenly to ensure uniform distribution of the aggregates.
Drying time:	At 20 °C and 65% relative humidity dry on the surface and recoatable: after approx. 8 hours
Spreading rate:	Depending on the substrate, 6 m ² / l. per coat. Determine exact consumption by applying a test coat on the object.

Notes

Do not mix with other materials than those specified in order to preserve the product-specific properties. In case of Airless-application, stir well and strain the paint. Do not breathe vapour/aerosol. If necessary, check the adhesion of emulsion paint coats by preparing a test surface, taking into account the expected stresses. If necessary, apply an alkaline cleaning solution.

When coating sealants, such as acrylic sealant compounds, cracks may occur in the coating due to higher elasticity of these substrates. Furthermore, it may cause discoloration in the coating. Due to large number of different sealing systems on the market, we recommend carrying out your own tests to assess the adhesion and coating results in each single case.

Safety advice

Mipa Silikat-Grund is slightly alkaline. Protect eyes and sensitive skin against paint splashes. Immediately wash away paint splashes with sufficient clear water. Consider general hygienic rules. Protect surfaces not to be painted against paint splashes by covering them.

Cleaning of tools

Clean tools immediately with water after use or in case of prolonged interruption of work.

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