

Product description

Operational Sector:	Water-repellent, heavy rain-resistant and highly opaque facade paint based on silicon resin for facades that are exposed to heavy weathering conditions. UV-resistant and low tension.		
Features:	<ul style="list-style-type: none"> - weather-resistant according to VOB Teil C, DIN 18 363 - hydrophobic, water-repellent, resistant to heavy rain - the low fouling tendency protect naturally from fungi, algae or moss - highly diffusible for water vapour and carbon dioxide - water thinnable and low in odour - free from plasticizer - resistant to alkali - resistant to aggressive air pollution 		
Content according to VdL Directive 01: (Association of German paint industry)	acrylate dispersion, silicone resin, titanium dioxide, calcium carbonate, silica based filling, water, additives, preservative.		
Colour :	white		
Specification :	gloss level:	matt	DIN 67 530
	specific weight:	1.52 g/cm ³	DIN 51 757
Characteristics as per DIN 1062:	max. grain size: < 100 µm (fine), S ₁ equivalent air layer thickness sd (H ₂ O): (sd-value): < 0,14 m (high), V ₁ water permeability (w-value): ≤ 0,1 kg/(m ² h ^{0.5}) (low), W ₃ Tinting may cause deviations in technical characteristics.		
Storage :	At least 2 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.		
VOC regulation:	EU limit value for the product (cat. A/c): 40 g/l This product contains max. 15 g/l of VOC [0.12 lbs/gal]		

Application

Processing conditions :	The object and ambient temperature should be between + 5°C and + 35°C. Do not apply if exposed to direct sunlight or high wind.
Suitable substrates :	Old and new plastering, mineral supports, as renovation coat on sound old paint layers based on silicate and matt dispersions or synthetic resin.

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.

Substrate preparation :	The substrate must be clean, sound and dry. Remove completely old paintworks which are not sound. Repaired plaster areas must be well set and desiccated. In case of strongly absorbing, powdery, friable, weathered or coarsely porous surfaces apply a priming coat of Mipa Silikonharz Tiefgrund LF, Mipa Tiefgrund LF or Mipa Tiefgrund LH.
Dilution :	1st coat: thin with 10 % by volume water 2nd coat: thin with 5 % by volume water
Application process :	Rolling, brushing or spraying (Airless): spraying angle: 50° nozzle: 517 / 0,43 – 525 / 0,63 mm pressure: 120 bar These settings for spray application are guide values and may vary depending on the device type.
Recommendation :	Stir well before use. Apply and spread Mipa Fassaden-Silikonharzfarbe uniformly in order to avoid spotting and shiners caused by varying coat thicknesses.
Drying times :	At 20° C and 65% relative air humidity: dry to touch and recoatable: after approx. 12 hours. rain resistant: after 24 hours. completely dried: after about 3 days. Lower temperatures and higher air humidity extend the drying times.
Spreading rate :	Depending on the substrate: approx. 7 m ² / l per layer. A test coat on the object would give you an exact figure.

Special notes

Stir well before use. Apply and spread uniformly in order to avoid spotting and shiners caused by varying coat thicknesses.

The separated water which appears at the surface quickly during the storage is as result of the strong hydrophobicity of the binder and therefore has to be considered as typical for the product. The separated water has to be mixed in the product before application.

When coating thermal insulating systems, please observe BFS leaflet no. 21.

For coloured coating, the luminance factor has to be >20. In order to avoid Wet-on-wet application in a single operation is recommended on large application areas.

For Airless application, stir well and strain the paint. Do not breathe the aerosol.

In case of non-absorbing, cold substrates or of retarded drying caused by the weather it might be that surfactants and emulsifying agents are separated from the coating by premature exposure to humidity (fog, dew or rain) after application. They appear on the surface in form of whitish transparent runs or shiny areas. If sagging is observed do not rework immediately the surfaces. The water-soluble additives will be washed away by water, e.g. by several heavy rains. Nevertheless, if a rework is requested, all runs must be thoroughly and completely washed away with water. To avoid these effects, just apply the product under appropriate weather conditions.

Mechanical stress may cause bright stripes on dark-coloured coatings. This is a typical property of all matt façade paints and does not affect the quality and performance of the product. Touch-up marks on the surface depend on numerous factors and are therefore unavoidable. (BFS leaflet no. 25).

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Safety advice

Mipa Fassaden-Silikonharzfarbe is slightly alkaline. Protect eyes and sensitive skin against paint splashes. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules. Stir well and strain before Airless application.

Cleaning of tools

Tools should be cleaned with water immediately after use or in case of prolonged interruption of work.

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