

Technical data sheet

Product description

Operational Sector:	Matt façade paint based on dispersion. Especially suitable for weather-resistant coating of mineral plasters (roughcast mortar group P II and P III) as well as for old and new plasters, concrete, fibre-cement boards (please see BFS leaflet no. 14) and well adherent old paintworks based on dispersion.		
Features:	- free from plasticizers, low in odour - weather-resistant to VOB Teil C, DIN 18 363 - low tension, siloxane reinforced - low capillary water absorption, w24-value: 0.13 kg/m² 24h^{0.5} - high water vapour permeability, Sd: 0.13 m.		
Content as per VdL Directive 01: (Association of German paint industry)	acrylate dispersion, titanium dioxide, marble, talc, silica based filling material, water, additives, preservative, siloxane		
Colour :	white		
Specification :	Gloss:	matt	DIN 67 530
	Spec. weight:	1.55 - 1.65 g/cm ³	DIN 51 757
	Viscosity:	90 - 100 dPas	DIN 53 019
	pH-value:	8.0 - 9.0	DIN 53 785
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 content :	EU limit value for the product (cat. A/c): 40 g/l This product contains max. 39 g/l of VOC [0.32 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.
Substrate preparation :	The substrate must be clean, sound and dry. Leave recently plastered surfaces unpainted/untreated. Repaired plaster areas must be well set and desiccated. Remove completely old paintworks which are not sound. In case of powdery, friable, weathered and coarsely porous surfaces apply a priming coat of Mipa Tiefgrund LH or Mipa Tiefgrund LF.
Dilution :	1 st coat: thin with max. 10% by volume water, 2 nd coat: thin with max. 5% by volume water.

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.

Product Information

Application process :	Rolling, brushing or spraying (Airless): spraying angle: 50° nozzle: 0.53 mm pressure: 150 bar
Drying times :	At 20° C and 65% relative air humidity: - dry to touch and recoatable: after approx. 8 hours. - rain-resistant: after 24 hours. - completely dried: after approx. 3 days. Lower temperatures and higher air humidity extend the drying time.
Spreading rate :	Depending on the substrate: 5.5 m ² /litre per layer. A test coat on the object will give you an exactly figure.

Special notes

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

When applying with an Airmix-/Airless-device it is recommended to check the device for its suitability. For Airless application, stir well and strain the paint.

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. The water-soluble additives will be washed away by water, e.g. by several heavy rains. However, the quality of the dried coating won't be affected. If sagging is observed do not rework immediately the surfaces. 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. Touch-up marks on the surface depend on numerous factors and are therefore unavoidable. (BFS leaflet no. 25).

Safety advice

MipaSil is slightly alkaline. Protect eyes and sensitive skin against colour splashes. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules. Also water based paints should be kept out of reach for children. Do not empty into drains. Keep away from food, drink and animal feeding stuffs. Wash hands after work.

Cleaning of tools

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

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