Mipa DIN Malerweiß

Inside Wall Dispersion Paint

Product Information

Product description

Operational Sector :

Dispersion paint of excellent opacity for wall- and ceiling coating in the home and workplace, especially for project work. Product of approved quality for project work, of greater value for money.

Features :

- low emission, free of solvents and plasticizer
- high opacity
- water thinnable and low odour
- ease of diffusion
- water vapour permeability S_d = class 1 as per **DIN EN ISO 7783-2**
- good filling properties, therefore especially suited for ingrain wallpapers and roughcast plastering.
- free from substances causing magic dust

Characteristic values as per DIN EN 13300 :

- wet abrasion class 3
- hiding power class 2 by a spreading rate of 6 m² / litre
- gloss degree: mat
- max. grain size: fine (<100 µm)

By tinting a negligible deviation from the given values should be considered.

Composition according to VdL Directive 01 :

acrylate dispersion, titanium dioxide, calcium carbonate, water, additives, preservative.

Colour :

white, different tinting by Mipa Pro Mix Decorative available

Specification :

Specific weight:	1.6 g/cm³	**DIN 51 757**
Viscosity:	90 dPas	**DIN 53 019**
pH-value:	8.8	**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 limiting value for the product (cat. A/a): 30 g/l.
This product contains 0 g/l VOC [0.00 lbs/gal]

Application

Processing conditions :

Not less than + 5 °C or more than 35 °C support and environment temperature. Avoid direct sunlight or strong wind.

Suitable substrates :

Old and new plastering (mortar group PII, PIII, PIVa,b,c), concrete, chalk-stone, ingrain wallpapers, gypsum plates, glass fabric as well as sound and firm old coats.

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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Substrate preparation : The substrate has to be clean, dry, firm and sound. Completely remove distemper and damaged, not adhesive old layers of paint. New plastered surfaces must be well setted and dried. In case of powdering and porous surfaces a primer should be used (Mipa Tiefgrund LF). Please see VOB, Part C, DIN 18363.

Application process : Brushing, rolling or spraying (Airless)
Spraying (Airless):
spraying angle: 50°;
nozzle: 517 / 0.43 mm - 525 / 0.63 mm
pressure: 180 bar.
The spraying parameters may be considered a guide in connection with choice of appliance and working method.

Dilution : Apply a base coat thinned with 10 - 15% water on absorbent, strong contrasting substrates. Then apply Mipa DIN-Malerweiß thinned with 5 - 10% water as a finish coat.

Drying times : At 20° C and 65% relative air humidity:
dry to touch and recoatable : after approx. 8 hours.
At lower temperatures the drying will take longer.

Recommendation : Stir well before use. Apply Mipa DIN-Malerweiß in smooth, level coats. Best results are obtained according to the precision of the application.

Consumption : Depending on the absorption of the substrate: 6 m²/l per operation The versatility of the operational sector (different structure and absorbence of the substrate) does not allow an exact figure. A test coat on the object is the best guarantee.

Special remarks

Mix well and strain before use by Airless application. Do not inhale aerosols.
Adverse light conditions (glancing light):
Recommendation: Apply Mipa Ultra or Ultima on smooth surfaces that are exposed to adverse light conditions (glancing light). 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. Repair works on surfaces are more or less visible which depends on the conditions of the object. This is unavoidable according to BFS-Merkblatt Nr. 25, Punkt 4.2.2.1, Abschnitt e).

Safety instructions

Mipa DIN-Malerweiß is slightly alkaline. Protect eyes and sensitive skin against colour. Wash away colour splashes immediately with sufficient clear water. Consider general hygienic rules.

Cleaning of tools

Tools should be cleaned immediately after use with water.

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