Mipa Extra-Weiß

Inside Wall Dispersion Paint

Product Information

Product description

Operational Sector :

Intensive white colour of excellent covering for high quality wall- and ceilling coating, at home or in the offices. Good application properties, easier and cleaner to use.

Features :

- low emission, free of solvents and plasticizer
- high opacity
- water thinnable and odourless
- 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 7 m²/l
- gloss degree: mat
- max. grain size: fine (<100 µm)

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

Content as per VdL Directive 01 :

acrylat dispersion, titan dioxide, calcium carbonate, talc, silicate fillers, water, additives, preservative.

Colour :

white
different tinting by Mipa Pro Mix Decorative available

Specification :

Density:	approx. 1.60 g/cm³	**DIN 51 757**
Viscosity:	approx. 90 dPas	**DIN 53 019**
pH-value:	8.7	**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 [0.12 lbs/gal]

Application

Processing conditions :

From + 5 °C up to + 35 °C substrate and environment temperature and max. 75% relative air humidity. Avoid direct sunlight and strong wind.

Suitable substrates :

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

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Substrate preparation :

The substrate has to be clean, dry, firm, sound and free of dust, oil, grease, wax and corrosive products. Remove damaged, not adhesive old layers of paint. Sand well the adhesive old layers of paint and remove sanding dust afterwards. New plastered surfaces must be well set and dried.
In case of powdering and porous surfaces a primer should be used (Mipa Tiefgrund LF). Please see VOB, Part C, DIN 18363.

Recommendation for end-use :

Mix well the material before use.
Apply Mipa Extra-Weiß in smooth, even coats. Best results are obtained according to the precision of the application.

Application process :

Rolling and brushing: On absorbent substrates and at higher temperatures dilute with up to 10% water.

Spraying Airless: nozzle: 517 / 0.43 mm - 525 / 0.63 mm
spraying angle: 50°
pressure: 120 bar

The spraying parameters may be considered a guide in connection with choice of appliance and working method

Thinner :

water

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.

Spreading rate :

Depending on the substrate and the application: approx. 7 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

The opacity is reduced, in special conditions, by using brilliant, intensive colours. In practice, for colouring with such shades, it is advisable to use a related pastel paint on white basis as first finishing coat. Eventually, a second top coat will be necessary. 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).

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Safety instruction

Mipa Extra-Weiß is slightly alkaline. Protect eyes and sensitive skin against colour. Wash away colour spray immediately with sufficient clear water. Consider general hygienic rules. Also water based paints should be kept out of reach for children.

Cleaning of tools

Tools should be cleaned immediately after use with water. Spraying dust should be cleaned immediately with water. Dried films can be removed with a paint remover Mipa Abbeitzmittel.

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