Mipa Ultra

Technical data sheet

Product description

Intended use:

Highly opaque, very matt single-layer dispersion paint suited to redecorate or to coat interior wall and ceiling surfaces that are exposed to strong glancing light. Applicable to ingrain, fibreglass and textured wallpaper as well as gypsum cardboard, plaster and concrete surfaces. .

Properties:

- Free from solvent and plasticizers, low-emission
- Can be thinned with water, low in odour
- permeable, sd-value: class 1 according to DIN EN ISO 7783-2
- double hiding power, covers often after the first application
- Easy to touch up.
- White degree CIE: 82, luminance factor: 90
- High-build, therefore also suitable for coatings on ingrain and fibreglass wallpapers and rough plaster surfaces
- free from substances causing magic dust

Classification according to DIN EN 13300:

- Wet scrub resistance class 3
- Opacity level class 1, with a spreading rate of 7 m^2 / litre
- Gloss level: very matt
- Maximum grain size: fine (<100 µm)

Content as per VdL Directive 01:
(Association of German paint industry)

Acrylate dispersion, titanium dioxide, calcium carbonate, silica-based filling material, water, additives, preservatives.

Colour:

white

Specification:

Specific weight:	approx.1,4 g/cm^3	**DIN 51 757**
Viscosity:	approx. 90 dPa s	**DIN 53 019**
pH-value :	8 - 9	**DIN 53 785**

Storage:

At least 2 years, if the tightly closed container is kept dry, protected from frost. Storage temperature between +5°C and +30°C.

VOC regulations:

EU limiting value for the product (cat. A/a): 30 g/l.
This product contains max. 0 g/l of VOC.

Application

Processing conditions:

The object and ambient temperature should be between + 5°C and + 30°C. Do not apply if exposed to direct sunlight or high wind.

Suitable substrates:

Old and new plasters (mortar group PII, PIII, PIV a,b,c), concrete, lime sand brick, ingrain wallpaper, gypsum cardboard, fibreglass as well as well adherent old paintworks.

Substrate pre-treatment:

The substrate must be clean, sound and dry. Remove completely old, damaged paintworks and glue-bound distemper coats. Repaired plaster areas must be well set and desiccated. In case of powdery, friable and coarsely porous surfaces apply a priming coat with Mipa Tiefgrund LF. Observe VOB, part C, DIN 18363.

Application:

Brushing, rolling or spraying Airless:

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

These spray details are reference values and may vary because of different device types.

Dilution:

In case of high-contrast, apply a first coat thinned with 5-10 % water. Thin the finishing coat with 0-5% water.

Processing:

Stir well the product before use.
Apply and spread Mipa Ultra uniformly. On large surfaces, apply the product wet on wet to avoid spotting and shiners caused by varying coat thicknesses.

For touch-ups, thin Mipa Ultra with 10 - 20% water. Apply material uniformly and spread it thoroughly with the paint roller blending in borders and transition zones. **Note:** Marks of touch-ups or of reworks on a surface depend on many different factors and are therefore unavoidable according to BFS-Merkblatt Nr. 25, even if the original coating material is used.

Drying time:

at 20 °C and 65% relative air humidity
set to touch and recoatable: after approx. 8 hours
Lower temperatures extend the drying time.

Spreading rate:

depending on the absorptivity of the substrate: 7 m^2/l per layer. A test coat on the object will give you an exactly figure.

Special notes

For Airless application, stir well and strain the paint. Do not breathe aerosols. When applying by airless/airless device, it is recommended the check first the suitability of the device.
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 advise

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

Cleaning of tools

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