

### Product description

<b>Operational Sector :</b>	Environment friendly water thinnable paint based on dispersion suitable for interior use on walls and ceilings, at home or in the offices. Approved painter quality.	
<b>Features :</b>	<ul style="list-style-type: none"> <li>- solvent-free, therefore environment friendly</li> <li>- free of plasticizers, low emission</li> <li>- high opacity</li> <li>- water thinnable and odourless</li> <li>- ease of diffusion</li> <li>- s<sub>d</sub>-value: class 1 (determined as per DIN EN ISO 7783-2)</li> <li>- degree of whiteness CIE: 76      luminance factor: 87</li> <li>- good filling properties, therefore especially suited for ingrain wallpaper and roughcast plastering.</li> <li>- free from substances causing magic dust</li> </ul>	
<b>Characteristic values as per DIN EN 13300:</b>	<ul style="list-style-type: none"> <li>- wet abrasion class 3</li> <li>- opacity grade 2, by a consumption of 6 m<sup>2</sup> / litre</li> <li>- gloss degree: mat</li> <li>- max. grain size: fine (&lt;100 µm)</li> </ul> <p>By tinting a negligible deviation from the given values should be considered.</p>	
<b>Content :</b>	acrylate dispersion, titan dioxide, calcium carbonate, water, additives, preservative	
<b>Colour availability:</b>	white	
<b>Specification :</b>	Spec. weight: 1.60 g/cm <sup>3</sup>	<b>DIN 51 757</b>
	Viscosity: approx. 90 dPas	<b>DIN 53 019</b>
	pH-value: approx. 8.8	<b>DIN 53 785</b>
<b>Storage :</b>	At least 3 years, if the tightly closed original packages are kept dry, protected against frost. Storage temperature: from +5°C till maximum +30°C.	
<b>VOC-regulation:</b>	EU limiting value for the product (cat. A/a): 75 g/l (2007)/ 30 g/l (2010). This product contains max. 0 g/l VOC [ 0.00 lbs/gal]	

### Application

<b>Processing conditions :</b>	From + 5 °C up to + 35 °C environment and object temperature. Avoid direct sunlight and strong wind.
<b>Suitable substrates :</b>	Old and new plastering (mortar group P II, P III, P IV a,b,c), concrete, limestone, ingrain wallpapers, plaster plates, glass fabric, as well as sound and firm old coats.
<b>Substrate preparation :</b>	The substrate has to be clean, dry, firm and sound. Remove distemper and damaged, not adhesive old layers of paint. Renewed plastering should be setted and completely dried.

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.

In case of powdering or porous surfaces a primer should be used (Mipa Tiefgrund LF). See VOB Part C, DIN 18363.

**Application process :** Brushing, rolling and 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, sandy or clay substrates. Then apply Mipa Plus thinned with 5 - 10% water as a finish coat.

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

**Drying times :** At 20° C and 65% relative air humidity:  
dry to touch and recoatable : after approx. 8 hours.  
Prolonged drying time after treatment due to lower temperature conditions.

**Spreading rate :** 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. Depending on the substrate and the application: approx. 6 m<sup>2</sup> / l per operation.

### Special recommendations

Mix well and strain before use by Airless application. Do not inhale aerosols.  
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 Plus is slightly alkaline. Protect eyes and sensitive skin against colour. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules. Keep out of reach for children.

### Cleaning of tools

Tools should be cleaned immediately after use with water.

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