

Product description

Operational Sector :	Full coverage one-coat interior paint, based on dispersion for renovating and new coatings on walls and ceilings, ingrain and structured wall paper, gypsum, render and concrete surfaces.						
Features :	<ul style="list-style-type: none"> - solvent-free, low emissions - free of plasticizers - water thinnable and low odour - ease of diffusion - double hiding power, mostly one coat will be sufficient - s_d-value: class 1 (determined as per DIN EN ISO 7783-2) - degree of whiteness CIE: 84 luminance factor: 93 - good filling, suitable for ingrain wallpaper and rough render - free from substances causing magic dust 						
Characteristic values as per DIN EN 13300:	<ul style="list-style-type: none"> - scrub resistance grade 3 - opacity grade 1, by a consumption of 7 m² / litre - gloss degree: mat - max. grain size: fine (<100 µm) <p>By tinting a negligible deviation from the given values should be considered.</p>						
Content as per VdL Directive 01 :	acrylate dispersion, titan dioxide, calcium carbonate, silicate fillers, water, additives, preservative.						
Colour availability :	White, rapid white (possible tinting by means of Mipa Pro Mix Decorative)						
Specification :	<table border="0"> <tr> <td>Spec. weight: approx. 1.56 g/cm³</td> <td>DIN 51 757</td> </tr> <tr> <td>Viscosity: approx. 93 dPas</td> <td>DIN 53 019</td> </tr> <tr> <td>pH-value: 8.1</td> <td>DIN 53 785</td> </tr> </table>	Spec. weight: approx. 1.56 g/cm ³	DIN 51 757	Viscosity: approx. 93 dPas	DIN 53 019	pH-value: 8.1	DIN 53 785
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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 compliant :	EU limiting value for this product (cat. A/a): 75 g/l (2007)/ 30 g/l (2010). This product contains 0 g/l VOC. [0 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.
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 set and 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 and porous surfaces a primer should be used (Mipa Tiefgrund LF). Please see VOB, Part C, DIN 18363.

Application process : rolling, brushing, spraying Airless
Spraying (Airless):

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

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

Dilution : 5 - 10 % water

Direction for use : Stir well before use. Apply Mipa Titan Volldecker 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 about 8 hours.
Prolonged drying time after treatment due to lower temperature conditions.

Spreading rate : Depending on the absorbency of the substrate:
approx. 7 m² / litre 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 recommendation

Stir well and strain in case of Airless application. Do not inhale aerosol. In case of Airmix / Airless use, always test for proper type of equipment before application!

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 Titan Volldecker is slightly alkaline. Protect eyes and sensitive skin against colour. Wash away colour spray 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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