Mipa House-Paint
Universalfarbe
Dispersion Facade Paint
Product Information

Product description

Operational Sector :

Water thinnable, satin mat, pure acrylate universal paint suitable for the interior and exterior use. Excellent adhesion to mineral supports, wood, metal, plastics as well as old layers of paint. In particular, it is a top quality paint of excellent properties.

Features :

- adhesion to mineral substrates (roughcast, concrete, brickwork, fibred cement – see BFS-Merkblatt Nr. 14), wood, metals (iron, steel, galvanised supports, aluminium), hard PVC, GfK and old coats.
- water thinnable, low odour
- permeability to water vapour (s_d = 0.09 m), heavy rain tight (w = 0.054 kg/m² . 24 $h^{0,5}$)
- white degree CIE: 82 luminance factor: 92
- high elasticity
- alkali-resistant
- carbonation protection against exhaust gases (Test report 1-094/09, ILF Magdeburg).
- with requirements of EN 71-3 (Migration of Certain Elements) and DIN 53 160-1/2 (colour fastness to saliva and sweat)

Characteristic values as per DIN EN 13300 :

- scrub resistance Grade 1, corresponding to wet abrasion resistance as per DIN 53778
- opacity Grade 1, by a consumption of 7 m² / litre
- gloss degree: satin mat
- max. grain size: fine (<100 µm)

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

Composition as per VdL Directive 01 :

Pure acrylate dispersion, titanium dioxide, silicate filling agents, water, glycols, additives, preservative

Colour availability :

white (possible tinting by means of Mipa Pro Mix Decorative)

Characteristics:

Spec. weight:	approx. 1.41 g/cm³	**DIN 51 757**
Viscosity:	approx. 32 dPas	**DIN 53 019**
pH-value:	8.4 - 8.6	**DIN 53 785**

Storage Conditions:

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/d): 150 g/l (2007)/ 130 g/l (2010). This product contains max. 44 g/l VOC. [0.36 lbs/gal]

Application

Process Conditions :

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

Suitable Substrates :

Mineral substrates (roughcast mortar group P II, P III, concrete, brickwork, fibred cement), wood, metals (iron, steel, aluminium, galvanised surfaces), hard PVC, GfK (glass fibre reinforced plastics), old layers of paint.

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Substrate Preparation :

The substrate has to be clean, dry, solid and free from dust, oil, grease, wax and corrosion products.
Mineral substrates: remove dust and loose particles
Ferrous metal, steel: clean, eventually sand (remove rust and corrosion products) degrease with Mipa Silikonentferner (anti-silicone).
Zinc: clean with ammonia alkaline wetting agent (Mipa Zinkreiniger).
Aluminium: clean, sand and degrease with Mipa Silikonentferner.
Hard PVC, GfK: clean, sand and degrease with Mipa Kunststoff-reiniger (plastics cleaner).
Wood, old paintworks: clean, sand and blow off all dust.

Suggested Uses:

One coat process: Ferrous metal, steel. aluminium and zinc:
groundcoat and top coat: Mipa House-Paint
(total coat thickness: 120 - 160 µm)
2-coats process (for severe corrosive conditions):
Iron, steel, aluminium and zinc:
Groundcoat: Mipa WBS Allgrund (coat thickness: 50 - 60 µm) or Mipa Allgrund (coat thickness: 50 - 60 µm)
Top coat: Mipa House-Paint (coat thickness: 80 - 100 µm)
PVC, GfK: groundcoat and top coat: Mipa House-Paint
(total coat thickness: 60 - 80 µm)
Mineral substrates (concrete, roughcast):
Groundcoat: Mipa Tiefgrund LF or Mipa Tiefgrund LH
Top coat: Mipa House-Paint (coat thickness: 60 - 80 µm)
Wood, immoderate type:
Impregnation (for exterior use only): Mipa WBS Holzschutzgrund Premium
Prevention of sap-stain (if necessary): Mipa WBS Isoliergrund (coat thickness: 80 - 90 µm); Top coat: Mipa House-Paint (60 - 80 µm)

Dilution :

Spray, roll:	thin with 0 - 5 % water.
High pressure process:	thin with 15 - 20 % water
Airless:	5% water

Application process :

Stir well before use. Apply in smooth and level coats. Best results are obtained according to the precision of the application.

Drying times :

At 20 °C and 65 % relative air humidity: recoatable after 60 - 90 minutes. Prolonged drying time after treatment at lower temperature.

Consumption :

Approx. 7 m² /litre each operation, according to the substrate (for more precise details, please check on the substrate).

Special Recommendations

Brilliant, intensive colours, owing to circumstances, may exhibit a reduced opacity. Practical experience demonstrates that in this case it is advisable to apply a first coat in a pastel colour of related shade based on white. Eventually a second coat would be necessary. Do not inhale aerosols. Stir well and strain before Airless application.

Safety Instructions

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

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Cleaning of Tools

Tools should be cleaned immediately after use with water.

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