

### Mipa WBS Wetterschutzfarbe

gb 8/0720

page 1 / 3

### **Product Information**

### **Product description**

Operational sector:

Waterborne universal satin matt paint based on pure acrylate dispersion for exterior and interior use on surfaces exposed to normal stress. It is an excellent choice for high quality finishes of wooden construction elements which are out of tolerances such as roof overhang, garden houses and fences. To be also applied on primed ferrous and steel substrates, for zinc or hard PVC gutters and rain grooves, for aluminium and mineral supports such as concrete or mason, as well as firmly adhering old layers of paint based on dispersion or synthetic resins.

Properties:

- Weather-resistant according to DIN 18 363, light-fast
- water repellent, breathable, permanent elastic
- hiding power class 1 DIN EN 13300
- wet abrasion resistance class 1 DIN EN 13300
- complies with requirements of EN 71-3 (Migration of
  - Certain Elements) and DIN 53 160 (colour fastness to saliva and sweat)
- free from fragrances and plasticiser according to 2009/48/EG (Toy Safety Directive)

Content as per VDL directive 01:

(association of German paint

industry)

Pure acrylate dispersion, titanium dioxide, water, silica based filling

material, glycol, additives, preservatives

see Colour Register (Mipa Decorative Products) Colour availability:

Gloss level: **DIN 67 530** Specification: satin matt

> Specific gravity: 1.3 - 1.5 g/cm<sup>3</sup> **DIN 51 757 Viscosity:** approx. 70 dPas **DIN 53 019 DIN 53 785** pH value: approx 8.0

At least 2 years, if the tightly closed original packages are kept dry, Storage:

protected against frost. Storage temperature: from +5°C till maximum

+30°C.

EU limiting value for the product (cat. A/d): 130 g/l **VOC** regulation :

This product contains max. 129 g/I VOC [ 1.07 lbs/gal ]

#### Application

The object and ambient temperature should be between + 5°C and + **Processing conditions:** 

35°C. Do not apply if exposed to direct sunlight or high wind. Up to max.

75 % relative air humidity.

The substrate must be clean, dry, solid and free of dust, oil, grease, wax Substrate pre-treatment:

> and corrosive products. Remove completely damaged and not firm old coatings Sand slightly and remove dust from firmly adhering old

coatings.

Fresh timber / wooden

tools:

Remove exuded resin and pitch pockets. Maximal moisture content for

softwood: 15 %, for hardwood: 12 %.

For exterior use, apply a first coat with Mipa WBS Holzschutzgrund Premium. Recoat with Mipa WBS Wetterschutzfarbe at the earliest after

6 hours. Adhesion according to DIN 53 151: Gt 0

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## Mipa WBS Wetterschutzfarbe Product Information

gb 8/0720

page 2 / 3

New wood: Clean and free the surface from resin and other exuding wood

components. If water-soluble components are to be expected in the wood substrate a pretreatment with Mipa WBS Isoliergrund is

recommended.

Old wood: Sand the weathered layers down to healthy wood. Apply subsequently

Mipa WBS Holzschutzgrund Premium on untreated areas. If watersoluble components are to be expected in the wood substrate an intermediate coating with Mipa WBS Isoliergrund is recommended.

**Metal:** Iron, steel: For a good corrosion protection, apply a priming coat with

Mipa WBS Primer or Mipa WBS Allgrund. Recoat at the earliest after 4 hours with Mipa WBS Wetterschutzfarbe. Adhesion according to

DIN 53 151: Gt 0.

Aluminium: degrease and sand slightly. Adhesion according to

DIN 53 151: Gt 0.

**Zinc**: Pretreat the surface with Mipa Zinkreiniger. For sanding use aluminium oxide abrasive web (e.g. Scotch-Brite), but in no case steel

wool. Adhesion according to DIN 53 151: Gt 0.

Hard PVC: Remove the existing separating agents (in case of new plastic parts),

clean and sand gently. Adhesion according to DIN 53 151: Gt 0

Mineral substrates: Insulate absorbent, powdery or chalking substratess with Mipa Tiefgrund

LF. Apply an intermediate coat with Mipa WBS Wetterschutzfarbe thinned up to 10 % with water. Topcoat with Mipa WBS

Wetterschutzfarbe undiluted.

**Application process:** Stir well before use.

Brushing and rolling: dilute up to 10 % with water in case of strong

absorbent substrates or higher temperature.

Spraying (Air): (Airless/Airmix):

viscosity: 45 s 4 mm DIN 70 dPas nozzle: 1.8 - 2.2 mm 0.13 mm pressure: 3 - 4 bar 180 bar spray passes: 2 2 20 % water undiluted spraying angle: 50° (dependable on surface size)

Flush off time between spray passes: 10 min.

Thinner: water

**Drying time:** Before drying at higher temperature allow a flash-off time of 10 - 15 min.

The drying time depends heavily on coat thickness, temperature and

relative air humidity.

 20° C
 60° C

 dust dry
 40 min.
 15 min.

 dry to touch
 1 h
 30 min.

tack free: > 4 h 1 ½ h after cooling

**Spreading Rate:** approx. 7 m<sup>2</sup> / I depending on substrate and application method.

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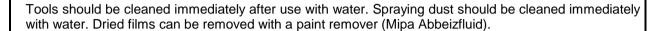
gb 8/0720

page 3 / 3

### **Special Recommendations**

Mipa WBS Wetterschutzfarbe is not suitable for application where blocking properties are essential. Regular and professional maintenance is essential for the serviceability and the durability of the treated wood construction elements. Stir well and strain before Airless application.

### Cleaning of tools



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