

Product Information

Product description

Operational Sector :	Satin mat High Solid alkyd resin enamel for high quality, weather resistant and durable intermediate and final coatings on dimensionally stable wood, metal, hard PVC as well as ancient coatings, for interior and exterior use.									
Features :	<ul style="list-style-type: none"> - high opacity, high filling power, good edge coating - easy and rational applicable, very good flow - high weathering and UV-resistance - higher solid content allows the high thickness coating application - long open-time permits the slow dust-free drying giving equal surfaces, without lapping zones. - reduced solvent content and free of aromatics 									
Content as per VdL Directive 01 :	Alkyd resins, titanium dioxide, inorganic pigments, aliphatic hydrocarbons, additives									
Colours :	Ready mixed colours according to the Pro Mix Decorative Register									
Specification :	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Viscosity:</td> <td style="width: 30%;">thixotrop</td> <td style="width: 40%;">DIN 53 211</td> </tr> <tr> <td>Specific weight:</td> <td>1.1 - 1.6 g/cm³</td> <td>DIN 51 757</td> </tr> <tr> <td>Gloss:</td> <td>satin mat</td> <td></td> </tr> </table>	Viscosity:	thixotrop	DIN 53 211	Specific weight:	1.1 - 1.6 g/cm ³	DIN 51 757	Gloss:	satin mat	
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Gloss:	satin mat									
Storage :	At least 3 years, if stored in tightly closed original containers									
VOC content :	EU limiting value for the product (cat. A/d): 300 g/l This product contains max. 299 g/l VOC [2.49 lbs/gal]									

Application

Processing Conditions :	From + 10° C and up to 80 % relative air humidity
Suitable Substrates :	Primed and base-coated wood, metal
Substrate Preparation :	clean, dry and free of dust, oil, grease, wax and corrosion products. Remove damaged, not adhesive old layers of paint. Sand and clean solid, old layers of paint. Sand in fibre direction weathering affected wood till sound. Clean thoroughly and remove all traces of sap stain, resin and resin gall. Round the sharp edges (see BFS-Merkblatt Nr. 18).
Application Process :	Rolling, brushing; optimal results by 80 - 100 µm wet film thickness.
Dilution :	Delivered ready to use if necessary add Mipa KH-Verdünnung or Mipa Terpentinersatz
Drying (23°C / 50 %R.H.) :	by 80 - 100 µm wet film thickness Dust dry: after approx. 3 h Set to touch: after approx. 8 h Re-coatable: after approx. 16 h

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.

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Prolonged drying times after application due to higher coat thickness and lower temperature conditions.

Coating of Wood :

Moisture content below 15 %.

For outdoor applications:

1. Impregnation: Mipaxyl spezial
2. Base coating: Mipa Malervorlack HS or Mipa Allgrund
3. Intermediate : Mipa Malervorlack HS or Mipalux Color Buntlack sm
4. Top coating: Mipalux Color Buntlack sm

For indoor applications:

1. Base coating: Mipa Malervorlack HS or Mipa Allgrund; eventually a putty application (Mipa KH-Malerspachtel)
2. Intermediate coating: Mipa Malervorlack HS or Mipalux Color Buntlack seidenmatt
3. Top coating: Mipalux Color Buntlack seidenmatt

Coating of Metal :

Iron, steel:

1. Pretreatment: degrease with Mipa Silikonentferner or Mipa WBS Reiniger
2. Base coat: Mipa Allgrund
3. Intermediate coat: Mipa Allgrund
4. Top coat: Mipalux Color Buntlack seidenmatt

Non metals (Aluminium, zinc plated substrates):

1. Pretreatment: degrease with Mipa Silikonentferner or Mipa WBS Reiniger; by zinc plated substrates: clean with ammonia alkaline wetting agent Mipa Zinkreiniger
2. Base coat: Mipa Allgrund
3. Intermediate coat for zinc by outdoor application: Mipa Allgrund
4. Top coat: Mipalux Color Buntlack seidenmatt

Hard PVC:

outdoor / indoor:

1. Pretreatment: Degrease with Mipa Silikonentferner or Mipa Kunststoffreiniger antistatic
2. Base coat: Mipa Allgrund
3. Top coat: Mipalux Color Buntlack seidenmatt

Consumption :

approx. 10 m²/ litre

Special Recommendation

Generally, to ensure maximum performance, the cleaning methods and the application process have to be chosen according to the condition of the object and its purpose.

White colour or colours based on white exhibit the tendency to change their shade especially by poor day light or artificial light. This is a system characteristic. This phenomenon becomes stronger in case of an ambient with ammonia content.

The final gloss degree is reached within about 3 weeks.

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Regular and professional maintenance is essential for the serviceability and the durability of the treated wood construction elements. Further instructions as well as the required maintenance schedule are given in BFS Merkblatt Nr. 18 des Bundesausschusses Farbe und Sachwertschutz, Appendix C.

Safety Instructions

Keep out of the reach of children. Extinguishing media in case of fire: sand, carbon dioxide, dry chemical; do not use water.

In case of ingestion, call a physician immediately and show this container or label.

Cleaning of Tools

Tools should be cleaned immediately after use or at longer breaks with cellulosic diluent Mipa Nitroverdünnung.

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