

Product Information

Product description

Operational Sector :	Glossy 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 rapid 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. - free of solvents and aromatics 		
Content as per VdL Directive 01 :	Alkyd resins, titanium dioxide, inorganic pigments, aliphatic hydrocarbons, additives		
Colours :	Pro Mix Decorative		
Specification :	Viscosity:	thixotrop	DIN 53 211
	Specific weight:	1.1 - 1.3 g/cm ³	DIN 51 757
	Gloss:	glossy	
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, dilute with 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 coating: Mipa Mipa Malervorlack HS or Mipalux Color Buntlack glänzend
4. Top coating: Mipalux Color Buntlack glänzend

For indoor applications:

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

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 glänzend

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 glänzend

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 glänzend

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.

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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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