

Product Information

Product description

Operational Sector :	All-purpose waterborne alkyd resin paint for high quality finishes of wood construction elements such as roof framework, wall and ceiling coverings, doors, windows, furniture, garden houses and fences. For exterior and interior use. To be also applied on primed metal substrates, as well as firm adhering old layers of paint based on dispersion or synthetic resins.
Specification :	Solid content: approx. 60 - 65 weight-% Viscosity (DIN 53 211): thixotrop Spec. gravity (DIN 51 757): approx. 1.25 - 1.45 g/cm ³ Gloss (DIN 67 530): > 80 % / 60° (gloss); 35 - 45 % / 60° (satin mat)
Content as per VDL Directive 01 :	Polyurethane modified alkyd resin, titan dioxide, glycols, water, additives, preservative.
Colour availability :	white
Features :	<ul style="list-style-type: none">- weather fastness as per VOB part C, DIN 18 363- cobalt free, butanonoxim free- water thinnable, low in odour, firmly adhering- high weathering and UV-resistance- blocking, light fastness, active breathing- humidity control 2 in 1- resistant against temporary use of petrol und Diesel- water repellent, resistant to saponification, excellent flow- 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)- heat resistance: permanent exposure: 120 °C; short time exposure: 140 °C- adhesion (DIN 53 151): steel: Gt 0 (very good);
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 the product (cat. A/d): 130 g/l This product contains max. 72 g/l VOC [0.60 lbs/gal]

Application

Processing conditions :	from + 10 °C and up to 70 % air relative humidity. Ensure sufficient ventilation. Optimal process conditions: Air temperature: 20 - 25 °C; object temperature: > 15 °C; air relative humidity: 40 - 60 %; air speed: > 0,4 m/s.
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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.

Substrate preparation:

The substrate has to be clean, dry, load-carrying, and free of dust, oil, grease, wax and corrosive products. Remove damaged, not adhesive old layers of paint. Ensure the existing coating is in good condition and firmly adhering. Sand thoroughly and clean.

In condition of high air and environment temperature, increase the take up capacity by wetting the surface with a sponge

The generated cold as result of the evaporation will prolongue the slow dust-free drying of Mipa WBS Mipalux. Ensure the surface is dull wet; avoid the application of the colour on water film.

iron, steel: clean, eventually sand (remove rust, cinder, oxides) and degrease with Mipa Silikonentferner

zinc: clean with ammonia alkaline wetting agent (Mipa Zinkreiniger)

aluminium: clean, sand and degrease with Mipa WBS Reiniger or Mipa Silikonentferner

Application :

Stir well before use!

Brushing and rolling: Dilute up to 5 % with water in case of strong absorbent substrates or by higher temperatures.

Recommended tools: Mipa Orel Mix brush, Mipa Velour roller.

Attention: choose suitable tools for any given support size.

Dilution :

water

Drying times
object temp. 20 °C

dust dry	set to touch	recoatable	full hardness
20 - 30 min.	40 - 45 min.	1 h	1 day

Loadable after 5 days (20 °C).

A noticeable acceleration of the drying time is obtained by increasing the air speed (for example by using air blowers).

Suggested uses:

iron, steel:

Groundcoat: Mipa WBS Allgrund (coat thickness: 60 - 80 µm)

Finishing coat: WBS Mipalux Weißlack (coat thickness: 50 - 60 µm)

zinc, aluminium:

Groundcoat: Mipa WBS Allgrund (coat thickness: 60 - 80 µm)

Finishing coat: WBS Mipalux Weißlack (coat thickness: 50 - 60 µm)

wood:

Impregnation: WBS Holzschutzgrund Premium (for exterior use)

Groundcoat: WBS Malervorlack (coat thickness: 60 - 80 µm)

Finishing coat: WBS Mipalux Weißlack (coat thickness: 50 - 60 µm)

Theoret. Spreading Rate : 8 - 10 m² / l (by 50 µm dry film thickness)

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Special Recommendations

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. It can take up to 3 weeks till the final gloss degree is reached. 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.

Cleaning of tools

Tools should be cleaned immediately after use with water. Brushes should be kept immediately after use in a water pot and the rollers in a closed plastic bag.

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