

Technical data sheet

Description

Intended use:	Waterborne high-build metal protection coating with active corrosion protection and direct adhesion for priming, intermediate and finishing coats. For silk-matt coating of iron, steel and galvanised steel, e.g. steel frames, trapezoidal sheets, sheet metal roofs, railings, downpipes and other constructions.		
Characteristics:	<ul style="list-style-type: none"> - waterborne, low odour - high film build also on vertical surfaces and edges - for interior and exterior use - fast drying - excellent adhesion - active corrosion protection 		
Content as per VDL Guideline 01: <small>(Association of German paint industry)</small>	Acrylate copolymer dispersion, inorganic and organic pigments, silica-based filling materials, water, glycols, additives, preservatives		
Colour:	white, tintable with Pro Mix [®] Decorative		
Specifications:	density:	1.26 g/cm ³	DIN 51757
	pH value:	8.5 - 9.0	DIN 53785
	gloss level:	satin matt	DIN 67530
Storage:	Storable for at least 2 years in unopened original container in a dry and frost-free place at a temperature between +5 °C up to max. +30 °C.		
VOC-regulation:	EU-limit value of this product (cat. A/i): 140 g/l. This product contains max. 140 g/l of VOC.		

Application

Processing conditions:	Do not apply at a support and ambient temperature below 10 °C and higher than 55 °C. Relative air humidity: max. 75%
Suitable substrates:	Suitable for iron, steel, zinc, aluminium, copper and solid old paintworks. Do not use for coating anodised aluminium! On old coatings, a test coating with adhesion test may be necessary. This applies especially to powder coatings and coil coatings. <u>Tin roofs</u> should have a minimum slope of 5% (pitch 2.86°) to allow precipitation to drain away without leaving puddles.
Substrate preparation:	The substrate must be clean, dry, solid and free from dust, oil, grease, wax and corrosion. Completely remove damaged, non-solid old coats. Sand slightly stubborn old coatings and dust them off. <u>Iron, steel, aluminium:</u> clean, if necessary, sand slightly (remove rust, mill scale and rolling skins) and degrease with Mipa Silikonentferner. <u>Zinc:</u> sand slightly using Mipa Zinkreiniger and allow 10 minutes reaction time. Afterwards, sand again until the foam becomes grey. Rinse the surface thoroughly with clear water. For sanding, use a corundum synthetic non-woven pad, in no case use steel wool.

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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Dilution:	Mipa WBS Metallschutzlack is supplied ready for use. If necessary, thin with water.
Application:	Stir well before use! Brushing, rolling and spraying: thin with 0 - 5% water.
Coating structure:	Apply directly to metal surfaces as priming, intermediate and finishing coat. The recommended nominal layer thickness (dry) after the finishing layer is at least 160 µm, preferably 240 µm for optimum protection. For coating roof surfaces with a slope < 5%, a layer thickness (dry) of at least 240 µm is mandatory!
Drying time:	Drying process is highly dependent on the film thickness, temperature and relative humidity. Lower temperatures and higher humidity delay the drying. Drying at 23 °C and 60% relative air humidity recoatable: 6 h dust dry: 20 - 30 min set to touch: 45 min ready for assembly: 48 h fully cured: approx. 7 days
Spreading rate:	5 - 6 m ² /l per layer

Safety instructions

Mipa WBS Metallschutzlack is slightly alkaline. Protect eyes and sensitive skin against colour splashes. Wash away colour splashes immediately with sufficient clear water. Consider general hygienic rules. In addition, waterborne coating material must be kept out of reach of children.

Cleaning of tools

Clean tools with water immediately after use or before prolonged interruption of work. Remove spray mist residues immediately with water. Remove dried films either with Mipa Quick Abbeizfluid or with Mipa Quick Abbeizfluid Plus.

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