

Product description

Operational Sector :	Water thinnable acrylic paint reinforced with polyurethane for high quality finishing of copper effect (suitable for example for gutters of zinc). The product is suitable for primed metallic and mineral substrates like concrete or stonework, as well as for sound, adhesive old layers of paint based on dispersions or synthetic resins. For the interior and exterior use.												
Features :	<ul style="list-style-type: none"> - weather resistant according to DIN 18 363 VOB Teil C - no blocking, non fading - water rejectable, no saponification, excellent levelling - water thinnable, low odour, very good adhesion 												
Content as per VDL Directive 01 :	Polyurethane-acrylate dispersion, titanium dioxide, water, glycols, additives, preservative												
Colour :	old copper												
Specification :	<table border="0" style="width: 100%;"> <tr> <td>Gloss degree:</td> <td>satin mat</td> <td>DIN 67 530</td> </tr> <tr> <td>Spec. weight:</td> <td>approx. 1.1 g/cm³</td> <td>DIN 51 757</td> </tr> <tr> <td>Viscosity:</td> <td>thixotrope</td> <td>DIN 53 019</td> </tr> <tr> <td>pH-value:</td> <td>8.2</td> <td>DIN 53 785</td> </tr> </table>	Gloss degree:	satin mat	DIN 67 530	Spec. weight:	approx. 1.1 g/cm ³	DIN 51 757	Viscosity:	thixotrope	DIN 53 019	pH-value:	8.2	DIN 53 785
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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 Legislation:	EU limiting value for the product (cat. A/d): 150 g/l (2007)/ 130 g/l (2010); This product contains max. 35 g/l VOC [0.29 lbs/gal]												

Application

Processing conditions :	From + 5 °C up to + 35 °C support and environment temperature and max. 75% relative air humidity. Avoid direct sun light and strong wind.
Substrate preparation :	The substrate has to be clean, dry, sound and free of dust, oil, grease, wax and corrosive products. Remove damaged, not adhesive old layers of paint. Sand well the adhesive old layers of paint and remove sanding dust afterwards.
Old wood :	Sand weathering affected layers till sound. Preparation as for fresh wood.
Fresh wood/ Wood elements :	Remove all traces of sap-stain and resin gall. Max. wood moisture of 15% for softwood and 12% for hardwood. For exterior use, prime first with Mipa WBS Holzschutzgrund Premium. To prevent brownish sap-stain on fresh (or impregnated) wood when painted in lighter shades, insulate by applying an intermediate coat with Mipa WBS Isoliergrund.

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.

Application

Metallic substrates : Apply a base coat of Mipa WBS Allgrund (adhesion to iron, steel, zinc and aluminium). Overcoat after about 4 hours with Mipa WBS PU-Buntlack Kupferfarbe.

Mineral substrates : Prime absorbent, sandy or clay substrates with Mipa Tiefgrund LF. Apply Mipa WBS PU-Buntlack Kupferfarbe thinned with up to 10% water as intermediate coat. Then apply Mipa WBS PU-Buntlack Kupferfarbe unthinned as a finish coat.

Application process : Stir well before use!
Brushing and rolling: On absorbent substrates and at higher temperatures thin with up to 10% water.

Spraying:	Airless/Airmix	Spraying Air
Pressure:	180 bar	3 - 4 bar
Spraying angle:	50° (dependent on the size of the surface)	
Nozzle:	0.13 mm	1.8 mm
Viscosity:	unthinned	120 s 4 mm DIN
Spraying operations:	2	2

Allow 10 minutes flash off time between the spraying operations .

Drying times : Before force drying allow a flash off time of 10 - 15 min. The drying is strongly dependent on the coat thickness, the temperature and the relative air humidity.

	<u>20° C</u>	<u>60° C</u>
dust dry	approx. 30 min	approx. 20 min.
dry to touch	approx. 1 ½ h	approx. 45 min.
tack-free	approx. 4 h	approx. 1½ h after cooling

Consumption : Approx. 12 m²/l per operation (according to the substrate and application)

Special recommendations

Please consider that Mipa WBS PU-Buntlack Kupferfarbe is not resistant to plasticizers. Stir well and strain before Airless application.

Safety instructions

Mipa WBS PU-Buntlack Kupferfarbe is slightly alkaline. Protect eyes and sensitive skin against colour. Wash away colour traces immediately with sufficient clear water. Consider general hygienic rules. Keep out of reach of children.

Cleaning of tools

Tools should be cleaned immediately after use with water. Spraying dust should be cleaned immediately with water. Dried films can be removed with a paint remover Mipa Abbeitzfluid.

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