

Product description

Operational Sector :	Weathering resistant groundcoat designed to give good anti-corrosion protection to ferrous metals, steel, aluminium, galvanized steel, plastics and wood, for interior and exterior application.		
Features :	<ul style="list-style-type: none">- high opacity- temperature stability up to 150 °C- active anti-corrosion protection- adhesion to ferrous metal, steel, aluminium, galvanized substrates, plastics (PVC, glass fibre reinforced materials, acrylic glass, a.s.o.)- free of aromatics, lead and chromate- re-coatable with 1K- and 2K-systems- will prevent sap-stain on wood assuring a good insulation.		
Content :	Special modified synthetic resins, aliphatic hydrocarbons, inorganic pigments, fillers, additives		
Colours :	white, approx. RAL 9010 grey, approx. RAL 7042		
Specification :	Viscosity: 280 s 4 mm		DIN 53 211
	Specific weight: 1.36 g/cm ³		DIN 51 757
	Gloss: mat		DIN 67 530
Storage :	At least 3 years in tightly closed original containers		
VOC Legislation:	EU limiting value for the product (cat. A/i): 600 g/l (2007)/ 500 g/l (2010) This product contains max. 485 g/l VOC [4.05 lbs/gal]		

Application

Processing Conditions:	From + 10° C and up to 80 % relative air humidity		
Substrate Preparation :	The substrate has to be clean, dry, free of dust, rust and grease. Ensure the existing coating is in good condition and firmly adhering. Remove old thermoplastic coats with Mipa Quick Abbeizfluid or Mipa Quick Plus Abbeizfluid (paint removal).		
	Wood:	Moisture content below 15 %.	
		For outdoor applications:	1. Impregnation: Mipaxyl spezial
	Iron, steel:	1. Pretreatment: degrease with Mipa Silikonentferner (anti-silicone) or Mipa WBS Reiniger (WBS cleaner)	
		2. Base coat: Mipa Allgrund	
		3. Intermediate coat: Mipa Allgrund	
		4. Top coat	
	Aluminium:	1. Pretreatment: degrease with Mipa Silikonentferner or Mipa WBS Reiniger	
		2. Base coat: Mipa Allgrund	
		3. Top coat	

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.

zinc plated substrates:

1. Clean with ammonia alkaline wetting agent
2. Base coat: Mipa Allgrund
3. Top coat

plastics:

1. Pretreatment: antistatically degrease with Mipa Kunststoff-Reiniger
2. Base coat: Mipa Allgrund
3. Top coat

Dilution :

Brushing and rolling:

Mipa KH-Verdünnung or Mipa Terpentinersatz

Spraying:

Mipa Verdünnung UN or UN 21

Application Process :

Rolling: apply with up to 5 - 10 % thinner

Brushing: apply unthinned or thin up to 5 %

Spraying (air)

Spraying viscosity: 20 -22 s 4 mm DIN (thinned approx. 20 - 25 %)

Nozzle: 1.5 - 1.8 mm

Pressure: 3.5 - 4.5 bar

Operations: 2

Spraying (Airless)

Spraying viscosity: 40 - 50 s 4 mm DIN (approx. 5 - 10 % thinned)

Nozzle: 0.33 - 0.38 mm

Pressure: 140 - 160 bar

Operations: 1 - 1 ½

Drying

(23°C / 50 %R.H) :

Dust dry: 45 - 60 min.;

Set to touch: 2 - 3 h

Re-coatable with Mipa KH- (synthetic resin) paints: 3 - 4 h

Performance against nitro: 24 h;

Re-coatable with 2K-systems: 48 h

Sandable: 24 h

Not possible to overcoat with spray colours (danger of detachment)

Consumption :

8 - 10 m²/ liter

Special Remarks

When used as anti-corrosion protection recoat not later than 2 weeks by applying a top coat. Avoid exposure to weathering till uncoated. Intermediate sand when the drying will take longer than 6 days.

Safety Instructions

Use only in good aerated rooms. During work, do not smoke, eat or drink. Keep out of the reach of children.

Cleaning of Tools

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

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