

Technical data sheet

Product description

Operational Sector :	This water-based, lead and chromate-free one-component primer with active anticorrosion pigments is designed for the protection of wood and a wide range of ferrous and non-ferrous supports.		
Characteristics :	<ul style="list-style-type: none"> - water-based - low in odour - adhesion to steel, iron, galvanized iron, wood and aluminium - fast drying and recoatability - overcoatable with all Mipa 1K- and 2K-paint systems 		
Content according to VdL Directive 01: (Association of German paint industry):	Alkyd resin, pigments, silica based filling, water, preservative		
Binder base:	hybrid system		
Pigment base :	inorganic pigments and extender as per DIN 55943		
Colours:	white		
Specification :	Gloss level:	mat	DIN 67 530
	Specific weight:	approx. 1.25 kg/l	DIN 51 757
	Viscosity:	thixotropic	
	pH-value:	9 - 9.5	DIN 53 785
Storage :	At least 2 years, if the tightly closed original container is kept dry, protected against frost. Storage temperature: from +5°C up to maximum +30°C.		
VOC-regulation:	EU limit value for the product (cat. A/i): 140 g/l (2010) This product contains max. 95 g/l of VOC [0.14 lbs/gal]		

Application

Processing conditions :	Do not apply at a substrate and ambient temperature below 10°C. max. relative humidity: 75% C
Substrate preparation :	The substrate must be clean, dry, solid and free from dust, oil, grease, wax and corrosion products. Remove completely defective, non adherent old paintworks. Sand slight intact paintworks and dedust.
	<u>Iron, Steel, Aluminium:</u> degrease, adhesion DIN 51151: GT 0

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.

Technical data sheet

Zinc: Sand Mipa Zinkreiniger and let it work for 10 minutes. Afterwards, sand again until the foam becomes grey. Rinse the surface thoroughly with clear water.

Use a aluminium oxid abrasive pad to sand surfaces slightly, in no case use steel wool. Adhesion **DIN 51151**: GT 0

Dilution: Water (5 - 10%)

Application :

Stir well before use!

Roller: Thin with 0 - 5%.

Spraying (Air): Thin with 5 - 10%.

pressure: 3 - 4 bar

nozzle: 1,4 - 1,8 mm

viscosity: 40 s 4 mm **DIN 53211**

Airless/Airmix: Thin with 5 - 10%.

pressure: 180 bar

spraying angle: 50° (depending on the size of the surface)

nozzle: 44 mm

viscosity: 40 s 4 mm **DIN 53211**

spray passes: 1 - 2

Allow a flash-off of 5 minutes between the spray applications.

Dry film thickness: 25 - 30 µm (1 spray pass).

Drying times :

Allow a flash-off of 10 - 15 min before drying at higher temperatures. The drying strongly depend on film thickness, temperature and relative air humidity.

	20 °C	60 °C
recoatable:	45-120 min.	15 min.
dust dry:	20 - 30 min.	7 - 10 min.
set to touch:	30 - 40 min.	7 - 10 min.
ready for assembly:	24 h	1 h
fully cured:	approx. 7 days	approx. 1 day

Spreading rate : 8m² / liter

Safety instructions

Mipa WBS Allgrund is slightly alkaline. Protect eyes and sensitive skin against colour splashes. 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 with water immediately after use or in case of prolonged interruption of work. Dried films can be removed either with Mipa Quick Abbeitzfluid or Mipa Quick Abbeitzfluid Plus.

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.