

Technical data sheet

Description

Intended use :	Satin gloss, low-solvent, oxidation-curing high-build one-coat paint with active protection against corrosion to coat steel constructions, cast parts, containers, machines, chassis, switchboards etc. that are made of steel, zincd steel and aluminium. Due to its special formulation this product is rainwater-resistant already after a drying of 30 minutes at 20°C.		
Specifications:	Binder base:	modified alkyd resins	
	Solid content:	67 - 72 % by weight 52 - 54 % by volume	
	Delivery viscosity (DIN 53 211):	thixotropic	
	Density (DIN EN ISO 2811):	1.2 -1.4 kg/l	
	Gloss level (DIN EN ISO 2813):	60 - 70 GU/60° (satin gloss)	
Characteristics:	<ul style="list-style-type: none"> - highly resistant to UV and weathering - rainwater-resistant already after 30 Min. / 20°C - short-term heat exposure: 150 °C - permanent heat exposure: 130 °C - adhesion (DIN EN ISO 2409): steel, zincd steel and aluminium Gt 0 (very good) 		
Spreading rate :	34.0 - 37.7 m ² /kg (for 10 µm dry film thickness) 45.3 - 46.7 m ² /l (for 10 µm dry film thickness)		
Storage :	Storable for 3 years in unopened original containers.		
VOC-regulation:	EU limit value for the product (cat. A/i): 500 g/l This product contains at most 450 g/l VOC.		

Application

Processing conditions:	from + 10 °C and up to 80 % relative air humidity.			
Substrate pre-treatment:	steel: clean, sand slightly if necessary (remove rust, oxides, etc.) and degrease with Mipa Silikonentferner zinc: clean with ammoniac wetting agent (Mipa Zinkreiniger) aluminium: clean, sand slightly and degrease with Mipa Silikonentferner			
Application method :	pressure [bar]	nozzle [mm]	number of coats	thinner
air / gravity spray gun	3 - 5	1.7 - 2.5	2 - 3	0 - 10 %
Brush/ roller	-	-	-	0 - 5 %
Airless	120 - 150	0.4 - 0.5 (65-95°)	1	0 - 5 %
Drying	dust dry	set to touch	ready for assembly	recoatable
Object temperature 20 °C	30 - 40 min.	ca. 5 h	12 h	
Object temperature 60 °C			60 Min.	
Full cure is achieved after 8 - 10 days at 20 °C. .				

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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Thinner : Mipa Verdünnung UN or UN 21

Application recommendations:

1-coat application
steel, aluminium and zincd substrates:
AK 233-60 (coat thickness: 80 - 100 µm)

2-coat application

steel:
priming coat: AK 105-20 (coat thickness: 50 - 60 µm)
finishing coat: AK 233-60 (coat thickness: 60 - 80 µm)

aluminium and zincd substrates:

priming coat: EP 100-20 (coat thickness: 30 - 60 µm)
finishing coat: AK 233-60 (coat thickness: 60 - 80 µm)

Special notes

For professional use only. Applying a too thick film prolongs significantly the drying time.

Safety advice

Do not eat, drink or smoke when using this product. Keep out of reach of children.

Cleaning of tools

Clean the tools with cellulose thinner immediately after use.

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