

Product description

Operational Sector : Fast drying coating based on synthetic resin, suitable for application by spraying on machines, equipments, construction elements, road engines for the interior and exterior use.

Specification :

Binder base:	Alkyd resin
Solid content:	50 - 55 by weight -%
Delivery viscosity (DIN 53 211):	140 - 160 s 4 mm
Spec. weight (DIN 51 757):	0,9 - 1,2 kg / l
Gloss (DIN 67 530):	> 80% / 60° (high gloss)

Features :

- speedy initial dry
- high UV- and weathering resistance
- resistance to petrol and Diesel fuel by temporary exposure
- temperature stability:
permanent exposure: 130 °C; short time exposure: 150 °C
- satisfies solvent standards (Austria, 1.01.1996)

Storage : In tightly closed original containers at least 3 years shelf life

Application

Processing Conditions: From + 10 °C and up to 80 % relative air humidity .

Substrate Preparation : **Ferrous metal, steel:** clean, eventually abrade (remove rust, cinder, oxides) and degrease with Mipa Silikonentferner (anti - silicone).

Application Process :	Pressure [bar]	Nozzle [mm]	Spraying Operations	Thinner
Air / Flow jar	4 - 5	1,3 - 1,5	2 - 4	40 - 50 %
HVLP	2,5 - 3	1,3 - 1,4	2 - 4	40 - 50 %
Airless	120 - 150	0,28 - 0,33 (65 - 95 °)	1	5 - 10 %

Dry	dust dry	set to touch	handle	recoatable
Object temp. 20 °C	40 - 45 min.	6 - 8 h	24 h	
Object temp. 60 °C			60 min.	

Full cure after 6 - 7 days (20 °C).

Thinner : Mipa Verdünnung UN or UN 21
A noticeable acceleration of the drying time and better resistance are quoted by using of Mipa Härterverdünnung.

This data sheet is for information purpose only! To our knowledge the data provided complies with the latest standard and is based on years of experience in the manufacture of our products. However the data is not binding and without warranty. Please follow recommendations stated on the relevant safety data sheet and precautions stated on the product label. We reserve our right to make additions, deletions, or modifications to the information at any time without prior notification.

Addition in the same amount in place of Mipa Verdünnung UN or UN 21.

Attention: consider a pot life of 2 days

Application Proposal : **Ferrous metal, steel:**
Base coat: AK 100-20 (coat thickness: 40 - 50 µm)
Top coat: AK 200-90 (coat thickness: 50 - 60 µm)

Theoret. Consumption : 8,5 - 9,0 m² / kg (by 50 µm dry coat thickness)

Special Recommendations

To be used only by professionals. Some colours may contain lead therefore do not use for children's toys or in food contact applications. Keep the recommended coat thickness in order not to prolong drying.

Safety Instructions

Do not smoke, eat or drink during application. Keep away from children.

Cleaning of Tools

Tools should be cleaned immediately after use with Nitroverdünnung.

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