

Product Information

Product description

Operational sector :	High gloss, oxidative hardened high thickness one-coat paint of active corrosion protection for high thickness coating of steel constructions, casting, containers, machines, bodies, switch panels a.s.o. made of steel, galvanized steel and aluminium. Also appropriate for wood substrates. For exterior and interior applications. Low solvent content.										
Specification :	<table border="0"> <tr> <td>Binder base:</td> <td>spec. modified alkyd resins</td> </tr> <tr> <td>Solid content:</td> <td>73 - 77 weight-%</td> </tr> <tr> <td>Delivery viscosity:</td> <td>thixotrop</td> </tr> <tr> <td>Spec. weight (DIN 51 757):</td> <td>1.20 - 1.40 kg / l</td> </tr> <tr> <td>Gloss degree (DIN 67 530):</td> <td>> 80 % / 60° (gloss)</td> </tr> </table>	Binder base:	spec. modified alkyd resins	Solid content:	73 - 77 weight-%	Delivery viscosity:	thixotrop	Spec. weight (DIN 51 757):	1.20 - 1.40 kg / l	Gloss degree (DIN 67 530):	> 80 % / 60° (gloss)
Binder base:	spec. modified alkyd resins										
Solid content:	73 - 77 weight-%										
Delivery viscosity:	thixotrop										
Spec. weight (DIN 51 757):	1.20 - 1.40 kg / l										
Gloss degree (DIN 67 530):	> 80 % / 60° (gloss)										
Features :	<ul style="list-style-type: none"> - high UV and weathering resistance - resistance to petrol and Diesel fuel by temporary exposure - heat stability: permanent exposure: 130 °C; short time exposure: 150 °C - adhesion test (DIN 53 151): steel: Gt 0 (very good); zinc: Gt 0 (very good); aluminium: Gt 0 (very good) - active anti-corrosion protection (zinc phosphate) 										
Storage :	In tightly closed original containers at least 3 years shelf life										
Warning Label :	VbF: n/a; Hazards identification: inflammable. Some colours may contain lead (lead free alternatives are available)										
VOC content :	EU limiting value for the product (cat. A/i): 500 g/l; (cat. B/d): 420 g/l This product contains max. 420 g/l VOC [3.5 lbs/gal]										

Application

Processing conditions :	from + 10 °C and up to 80 % air relative humidity.			
Substrate preparation :	ferrous metal, steel: clean, eventually sand (remove rust, cinder, oxides) and degrease with Mipa Silikonentferner (anti - silicone).			
Application :	Pressure [bar]	Nozzle [mm]	Spraying Operations	Dilution
Air / Flow jar	3 - 5	1.7 - 2.5	2 - 3	10 - 15 %
By brush/roller	-	-	-	0 - 5 %
Airless	120 - 150	0.4 - 0.5 (65-95°)	1	0 - 5 %

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.

Product Information

Drying

Object temp. 20 °C

dust dry

25 - 30 min.

set to touch

3 - 4 h

Full cure after 8 - 10 days (by 20 °C).

Dilution :

For spraying: Mipa 2K-Verdünnung

Application proposal :

Ferrous metal, steel:

Top coat: AK 260-90 (coat thickness: 80 - 100 µm)

A priming coat with AK 105-20 (coat thickness: 60 - 80 µm) should be applied where severe corrosive conditions prevail.

galvanized steel, aluminium:

Top coat: AK 260-90 (coat thickness: 80 - 100 µm)

A priming coat with EP 100-20 (coat thickness: 30 - 40 µm) should be applied where severe corrosive conditions prevail.

Theoret. consumption : 5.2 - 5.7 m² / kg (by 80 µm dry film thickness)

Special remarks

To be used only by professionals. Keep the recommended coat thickness in order not to prolong drying. The application of higher thickness may remarkably prolong the drying time. Please check for colour accuracy prior to use.

Safety Instructions

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

Cleaning of Tools

Tools should be cleaned immediately after use with cellulosic diluent Mipa Nitroverdünnung.

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.