

**Product Information**

**Product description**

**Operational sector :** Satin glossy oxidative hardened high thickness one-coat paint of active corrosion protection for high thickness coating of steel constructions, castings, containers, machines, bodies, switch panels a.s.o. made of steel, galvanized steel and aluminium. Also applicable on wood substrates. For exterior and interior use. Low solvent content.

**Specification :**

<b>Binder base:</b>	spec. modified alkyd resins
<b>Solid content:</b>	73 - 77 weight-%
<b>Delivery viscosity:</b>	thixotrope
<b>Spec. weight (DIN 51 757):</b>	1.20 - 1.40 kg / l
<b>Gloss degree (DIN 67 530):</b>	30 - 45 %/ 60° (semi gloss)

**Features :**

- 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

**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).

**zinc:** clean with ammonia alkaline wetting agent (Mipa Zinkreiniger)

**aluminium:** clean, sand and degrease with antisilicone Mipa Silikonentferner

**wood:** wood moisture max 15%; clean, sand

<b>Application :</b>	<b>Pressure [bar]</b>	<b>Nozzle [mm]</b>	<b>Spraying Operations</b>	<b>Dilution</b>
<b>Air / Flow jar</b>	3 - 5	1.7 - 2.5	2 - 3	10 - 15 %
<b>By brush/roller</b>	-	-	-	0 - 5 %
<b>Airless</b>	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**                      **set to touch**  
25 - 30 min.                      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 260-50 (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 260-70 (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.

**Wood (exterior application):**  
Impregnation: Mipaxyl Spezial  
Base coat: Mipa KH-Malervorlack (coat thickness: 40 - 50 µm)  
Top coat: AK 260-50 (coat thickness: 50 - 60 µm)

**Wood (interior application):**  
Base coat: Mipa KH-Malervorlack (coat thickness: 40 - 50 µm)  
Top coat: AK 260-50 (coat thickness: 50 - 60 µm)

**Theoret. consumption :** 5.2 - 5.7 m<sup>2</sup> / 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. Besides there is the possibility to mix fluorescent paints Mipa Neon-Farbtöne which are designated for one coat application. In this case please see the Product Information "Mipa Neon-Farbtöne PMI-Einschichtlacke". Please check for colour accuracy prior to use.

### Cleaning of Tools

Tools should be cleaned immediately after use with Nitroverdünnung.

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