

Product description

Operational Sector :	Fast drying one-coat spraying paint especially suited for a wide range of surfaces (steel, zinc plated steel and aluminium) likely to be found in today's modern industrial environment (industrial rooms, pipes, gates, wall and ceiling covering, containers and machine construction industry) for outside and inside.
Specification :	Binder base: vinyl-copolymer Solid content: 50 - 55 by weight -% Delivery viscosity (DIN 53 211): 70 - 90 s 4 mm DIN Spec. weight (DIN 51 757): 1.00 - 1.25 kg / l Gloss (DIN 67 530): 35 - 45 % / 60° (satin gloss)
Features :	<ul style="list-style-type: none"> - speedy initial dry - electrostatically applicable - excellent water resistance - heat stability: permanent exposure: 70 °C; short term exposure: 90 °C - adhesion (DIN 53 151): steel: Gt 0 (very good); zinc: Gt 0 (very good); aluminium: Gt 0 (very good); concrete: Gt 0 (very good)
Storage :	In tightly closed original containers at least 2 years shelf life

Application

Processing Conditions:	From + 10 °C and up to 80 % relative air humidity .			
Substrate Preparation :	Ferrous metal, steel: clean and eventually sand (remove all traces of rust, cinder, oxides) and degrease with Mipa Silikon-entferner (anti-silicone). Zinc: clean with ammonia alkaline wetting agent (Mipa Zinkreiniger) Aluminium: clean, sand and degrease with Mipa Silikon-entferner (anti-silicone).			
Application Process :	Pressure [bar]	Nozzle [mm]	Spraying Operations	Dilution
Air / Flow jar	4 - 5	1.3 - 1.5	2 - 4	10 - 15 %
HVLP	2.5 - 3	1.3 - 1.4	2 - 4	10 - 15 %
Airless	120 - 150	0.28 - 0.33 (65 - 95 °)	1	unthinned
Dry	dust dry	set to touch	handle	recoatable
Object temp. 20 °C	10 - 15 min.	10 - 20 min.	2 - 3 h	10 min.
Object temp. 60 °C	5 - 10 min.	10 min.	30 min.	5 min.
Full cure after 4 - 5 days (20 °C).				

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.

Dilution :	Mipa Verdünnung UN or UN21
Application Proposal :	<p>1 - coat application (where corrosive conditions do not prevail): ferrous metal, steel, aluminium and zinc: Base coat and top coat: VC 200 - 50 (total coat thickness: 50 - 70 µm)</p> <p>2 - coat application (for corrosive environment): Ferrous metal, steel: Base coat: VB 100-20 (coat thickness: 50 - 70 µm) or EP 100-20 (coat thickness: 50 - 70 µm) Top coat: VC 200-50 (coat thickness: 50 - 60 µm)</p> <p>Zinc: Base coat: VB 100-20 (coat thickness: 50 - 70 µm) or EP 100-20 (coat thickness: 50 - 70 µm) Top coat: VC 200-50 (coat thickness: 50 - 60 µm)</p> <p>Aluminium: Base coat: VB 100-20 (coat thickness: 50 - 70 µm) or EP 100-20 (coat thickness: 50 - 70 µm) Top coat: VC 200-50 (coat thickness: 50 - 60 µm)</p> <p>Mineral substrates (concrete, plastering): Base coat: VC 200-50 (coat thickness: 10 - 20 µm) Top coat: VC 200-50 (coat thickness: 50 - 60 µm)</p>
Theoret. Consumption :	4.5 - 5.0 m ² / kg (by 50 µm dry coat thickness)

Special remarks

To be used only by professionals. Some colours may contain lead therefore do not use for children's toys or for objects which may be chewed or sucked. Under certain climatic conditions or stronger UV radiation a tendency to chalking has been observed, as a system characteristic. By using of Mipa Härterverdünnung instead of Mipa Verdünnung UN or UN21 an accelerated hardening of the surface will take place and the resistance to chemical agents will be considerably improved.

Please consider a pot life of 2 days by the addition of Mipa Härterverdünnung. Please check for colour accuracy prior to use.

Safety Instructions

Keep out of the reach of children. Keep away from food, drink and animal feedingstuffs. Do not breathe fumes/aerosol. Avoid contact with eyes. If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas.

Cleaning of Tools

Tools should be cleaned immediately after use with Nitroverdünnung.

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