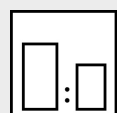


Intended use

Fast drying one-layer paint to coat constructions (halls, pipes, doors, wall and ceiling panels, recipients, container, vehicle constructions) made of steel, zinc steel and aluminium. For interior and exterior use. Especially suitable for Airless and Airmix applications.

Processing instructions



Mixing ratio

hardener

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by weight (lacquer : hardener)

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by volume (lacquer : hardener)

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Hardener

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Pot life

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Thinner

Mipa WBS VE-Wasser



Spray viscosity gravity spray gun

30 - 40 s 4 mm DIN

Airmix/Airless

50 - 60 s 4 mm DIN



Application mode

application mode

hardener

pressure
(bar)

nozzle (mm)

spray
passes

dilution

gravity spray gun /
HVLP

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2,0 - 2,5

1,2 - 1,3

2 - 4

5 - 10 %

Airmix / Airless

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100 - 120

0,28 - 0,33

1 - 2

0 - 5 %



Drying time

hardener

object
temperature

dust dry

set to
touch

ready for
assembly

sandable

recoatable

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20 °C

15 - 25 min

25 - 35 min 8 h

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60 °C

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30 min 1 h

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Fully cured after 4 - 5 days (at 20 °C).

Note

Characteristics:

binder base:	pure acrylate
solids content (% by weight):	43 - 50
solids content (% by volume):	34 - 35
delivery viscosity DIN 53211 4 mm (in s):	thixotropic
density DIN EN ISO 2811 (kg/l):	1,1 - 1,3
gloss level ISO 2813 at 60° (GU):	35 - 45 satin matt

Properties:	optimised for Airmix application short drying time highly water-resistant highly UV- and weather-resistant short-term heat exposure: 130 °C permanent heat exposure: 70 °C adhesion on steel, zincd substrates and aluminium
Theoretical spreading rate :	26,1 - 30,6 m ² /kg for 10 µm dry film thickness 33,4 - 34,2 m ² /l for 10 µm dry film thickness
Storage:	for at least 2 years in the unopened original container. Optimum storage conditions between + 5 °C and + 25 °C, avoid direct sunlight. Other storage conditions may lead to undesirable properties of the material.
VOC Regulation :	EU limit value according to Directive 2004/42/EC for this product (category A/i): 140 g/l. This product contains the following maximum VOC-values: applied by spraying: < 50 g/l
Processing conditions:	from + 10 °C and up to 70 % relative humidity. Ensure adequate air ventilation.
Substrate preparation:	<p>Remove oil, grease, rust, mill scale, rolling skins, as well as other substances impairing the function of the coating!</p> <p>Attention: A direct adhesion cannot be taken as granted due to most different kinds of metals, alloys, metallic and conversion coatings and so on. The adhesion must therefore be tested on the original metal substrate.</p> <p>steel:</p> <ul style="list-style-type: none">- blast to cleaning degree Sa 2½, remove blast residues and overcoat promptly- de-rust with hand and power tools to degree of cleanliness St 3- degrease with Mipa WBS Reiniger or Mipa Silikonentferner <p>zincd substrates:</p> <ul style="list-style-type: none">- clean the surface with the ammonia solution Mipa Zinkreiniger- sweep blast <p>aluminium:</p> <ul style="list-style-type: none">- degrease with Mipa 2K-Verdünnung, sand thoroughly with P 360 / 400 and clean subsequently with Mipa Silikonentferner <p>mineral substrates (concrete, plaster):</p> <ul style="list-style-type: none">- mineral substrates (set, dimensionally stable, rough and solid), free from friable parts and other substances that may affect the adhesion (e. g. rubber marks, greases, oils, rust, dust, and similar).

Proposed coating structure: Single coat system
steel, zincd substrates, aluminium:
WAY 2010-40 with 50 - 70 µm dry film thickness

2-coat system
steel, zincd substrates:
priming coat: *WAY 1000-20 with 50 - 60 µm dry film thickness
finishing coat: WAY 2010-40 with 50 - 60 µm dry film thickness

aluminium:
priming coat: *WAY 1000-20 with 25 - 30 µm dry film thickness
finishing coat: WAY 2010-40 with 50 - 60 µm dry film thickness

concrete / mineral substrates:
priming coat: Tiefgrund LH (exterior use) or Tiefgrund LF (interior use)
finishing coat: WAY 2010-40 with 50 - 60 µm dry film thickness

*Further Mipa primers are available. Please contact your technical adviser or our application technicians.

Special notes:

For professional use only.

Paints that have been tinted with aluminium pastes must be protected from heat.
Store at max. 35 °C. Failure to take this into account may lead to an internal pressure build-up.

Drying times reduce with increasing air velocity and degreasing relative humidity.
When drying with air guns, the drying time can be reduced considerably. Optimum processing conditions: air temperature 20 - 25 °C, object temperature > 15 °C, relative air humidity 40 - 60 %, air velocity > 0,4 m/s.

Especially UV-resistant pigmentations are available on demand.

Check colour shade prior to application.

To avoid possible occurring flash rust during the painting of bare and sandblasted steel parts add Mipa WBS Korrosionsinhibitor. Get more information about use in the data sheet Mipa WBS Korrosionsinhibitor.

Depending on the surface roughness, gloss reduction might be possible.

Cleaning of tools:

Clean tools immediately after use with Mipa WBS-Pistolenreiniger.