

VC 250-30 Single-layer Coat satin matt

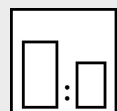
Technical data sheet

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Intended use

Thixotropic high-build monolayer paint to coat constructions (halls, pipes, doors, wall and ceiling panels, roofs, recipients, container, vehicle constructions) made of steel, zinc steel, aluminium and PVC. Suitable for brush, roller and spray application. For interior and exterior use. This paint can also be applied to mineral substrates (concrete, screed, and so on).

Processing instructions



Mixing ratio

hardener

by weight (lacquer : hardener)

by volume (lacquer : hardener)

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Hardener

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Pot life

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Thinner

undiluted, if necessary thin with Mipa UN-Verdünnung or Verdünnung UN 21



Spray viscosity gravity spray gun

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Airmix/Airless

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Application mode

application mode

hardener

pressure
(bar)

nozzle (mm)

spray
passes

dilution

brush, roller

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0 %



Drying time

hardener

object
temperature

dust dry

set to
touch

ready for
assembly

sandable

recoatable

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20 °C

25 - 30 min

4 - 5 h

8 - 10 h

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60 °C

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30 min

30 min

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Fully cured after 8 - 10 days (at 20 °C).

Note

Characteristics:

binder base:	vinyl copolymer
solids content (% by weight):	63 - 69
solids content (% by volume):	44 - 47
delivery viscosity DIN 53211 4 mm (in s):	thixotropic
density DIN EN ISO 2811 (kg/l):	1,3 - 1,5
gloss level ISO 2813 at 60° (GU):	20 - 30 satin matt

Version: en 1/1119

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.

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Properties:	good edge coverage electrostatic application possible very good water resistance heat resistance: - short-term heat exposure: 90 °C - permanent heat exposure: 70 °C adhesion to steel, zincd substrates, aluminium, hard PVC and concrete
Theoretical spreading rate :	32,0 - 34,1 m ² /kg for 10 µm dry film thickness 44,7 - 47,2 m ² /l for 10 µm dry film thickness
Storage:	for at least 3 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): 500 g/l. This product has the following maximum VOC-values: applied by brush/ roller: < 500 g/l of VOC
Processing conditions:	from + 10 °C and up to 80 % 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 sandpaper P 360/400 and clean subsequently with Mipa Silikonentferner <p>hard PVC:</p> <ul style="list-style-type: none">- clean (remove completely any mould release agents), degrease with Mipa Kunststoffreiniger, sand slightly and degrease again with Mipa Kunststoffreiniger <p>mineral substrates (concrete, plaster):</p> <ul style="list-style-type: none">- mineral substrates (set, dimensionally stable, rough and solid) must be 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:
VC 250-30 with 200 - 240 µm dry film thickness

PVC:
VC 250-30 with 80 - 120 µm dry film thickness

2-coat system
steel, zincd substrates:
priming coat: *VB 100-20 min 20 - 30 µm or EP 100-20 with 50 - 70 µm dry film thickness
finishing coat: VC 250-30 with 200 - 240 µm dry film thickness

aluminium:
priming coat: *VB 100-20 min 20 - 30 µm or EP 100-20 with 25 - 30 µm dry film thickness
finishing coat: VC 250-30 with 200 - 240 µm dry film thickness

concrete/ mineral substrates:
priming coat: Tiefgrund LH (exterior use) or Tiefgrund LF (interior use)
finishing coat: VC 250-30 with 80 - 120 µm dry film thickness

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

Special notes:

For professional use only.

Due to the system, strong exposure to UV and weathering may cause chalking. In addition, the thermoplastic behaviour of the coating must be observed at higher temperatures.

Check the colour prior to application.

Cleaning of tools:

Clean tools immediately after use with Mipa Nitroverdünnung.