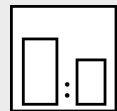


Intended use

Fast drying special paint based on plastic reinforced synthetic resins that is particularly resistant to saltwater and humidity.

Colours: DB 7350 novagrau SG, RAL 9005 black GL, RAL 9011 MAN graphite-black SG. Further colour shades on request.

Processing instructions



Mixing ratio

hardener

by weight (lacquer : hardener)

by volume (lacquer : hardener)

—

—

—



Hardener

—



Pot life

2 days with Härterverdünnung



Thinner

Mipa UN-Verdünnung

Mipa Verdünnung UN 21

Mipa Härterverdünnung



Processing viscosity gravity spray gun

18 - 22 s 4 mm DIN

Airmix/Airless

40 - 60 s 4 mm DIN



Application mode

application mode

hardener

pressure
(bar)

nozzle
(mm)

spray
passes

dilution

gravity spray gun/
HVLP

—

2,0 - 2,5

1,2 - 1,5

2 - 3

15 - 20 %

Airmix / Airless
compound pressure

—

1,0 - 2,0
100 - 120

0,23 - 0,28

2

10 %



Drying time

hardener

object
temperature

dust dry

set to
touch

ready for
assembly

sandable

recoatable

—

20 °C

30 - 60 min

5 - 6 h

16 h

—

—

—

60 °C

10 - 15 min

40 - 60 min after cooling

—

—

Before drying at higher temperature, allow flash-off of 10 - 15 minutes

Note

Characteristics:	binder base: modified alkyd resins solids content (% by weight): ~ 55 solids content (% by volume): ~ 47 delivery viscosity DIN 53211 4 mm (in s): 100 - 120 density DIN EN ISO 2811 (kg/l): ~ 1,2 gloss level ISO 2813 at 60° (GU): depends on the colour
Properties:	Short drying time Good hiding power Highly UV- and weather-resistant Excellent vertical stability Excellent flow, high final hardness, stable gloss Resistant to fuels and diesel if exposed temporarily Particularly resistant to saltwater and humidity Heat resistance: - Short-term heat exposure: 150 °C - Permanent heat exposure: 130 °C
Theoretical spreading rate:	~ 45,2 m²/kg for 10 µm dry film thickness. ~ 46,4 m²/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:	< 500 g/l.
Processing conditions:	From + 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.
Substrate preparation:	Remove oil, grease, rust, mill scale, rolling skins, as well as other substances impairing the function of the coating! 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 substrate. Steel: - 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.
Proposed coating structure:	Steel: Priming coat: *AK 100-20 / AK 105-20 with 50 - 60 µm dry film thickness. Finishing coat: Mipalin FG-Spezial-Chassislack with 50 - 60 µm dry film thickness.

Special notes:

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

For professional use only.

The details of the paragraphs - Proposed coating structure, Characteristics, Theoretical spreading rate, VOC - refer to the colour shade DB 7350 novagrau SG. For other colour shades, these may deviate.

When alkyd resin (based) products are stored, a skin can form on the surface of the paint due to the system. This generally has no negative effects on the quality (material testing is recommended!).

If a skin has formed, it must be carefully removed before stirring (before tinting for bases) and the product must be sieved as required before application.

Applying too thick layers may extend considerably the drying time.

Depending on the colour, the delivery viscosity may vary. Adjust the viscosity by adding thinner.

Check colour before use.

Cleaning of tools:

Clean tools immediately after use with Mipa Nitroverdünnung.