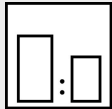


### Intended use

Mipalin Kunstharz-Decklack is especially designed for complete and partial coatings of agricultural machinery, agricultural equipment and machinery in general.

Colours: Ready-mixed colours as per Colour-index and special colours.

### Processing instructions



#### Mixing ratio

hardener

--

by weight (lacquer : hardener)

--

by volume (lacquer : hardener)

--



#### Hardener

--



#### Pot life

2 days with Härterverdünnung

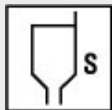


#### Thinner

Mipa UN-Verdünnung

Mipa Verdünnung UN 21

Mipa Härterverdünnung



#### Processing viscosity

gravity spray gun

18 - 22 s 4 mm DIN

Airmix/Airless

40 - 50 s 4 mm DIN



#### Application mode

application mode

hardener

pressure  
(bar)

nozzle  
(mm)

spray  
passes

dilution

gravity spray gun/  
HVL

--

2,0 - 2,5

1,2 - 1,5

2 - 3

10 - 20 %

Airmix / Airless  
compound pressure

--

1,0 - 2,0  
100 - 120

0,23 - 0,28

2

10 %

brush, roller

--

--

--

--

0 - 5 %



#### Drying time

hardener

object  
temperature

dust dry

set to  
touch

ready for  
assembly

sandable

recoatable

--

20 °C

30 - 60 min

6 - 8 h

24 h

--

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Heat drying possible up to 80° C; before drying at higher temperatur allow flash-off of 10 - 15 minutes

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**Note**

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<b>Characteristics:</b>	binder base: modified alkyd resin solids content (% by weight): ~ 55 solids content (% by volume): ~ 47 delivery viscosity DIN 53211 4 mm (in s): 120 - 130 density DIN EN ISO 2811 (kg/l): ~ 1,2 gloss level ISO 2813 at 60° (GU): > 80 glossy
<b>Properties:</b>	Short drying time Good hiding power Highly UV- and weather-resistant High vertical stability Excellent flow, high final hardness, retains the gloss over time Resistant to fuels and diesel if exposed temporarily Heat resistance: - Short-term heat exposure: 150 °C - Permanent heat exposure: 130 °C
<b>Theoretical spreading rate:</b>	~ 46,6 m²/kg for 10 µm dry film thickness. ~ 47,8 m²/l for 10 µm dry film thickness.
<b>Storage:</b>	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.
<b>VOC:</b>	< 490 g/l.
<b>Processing conditions:</b>	From + 10 °C and up to 80 % relative humidity. Ensure adequate air ventilation.
<b>Substrate preparation:</b>	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.  Zincd substrates: - Clean the surface with the ammonia solution Mipa Zinkreiniger. - Sweep blast.  Aluminium: - Degrease with Mipa 2K-Verdünnung, sand thoroughly with sandpaper P 360/400 and clean subsequently with Mipa Silikonentferner.  Wood (wood moisture max. 15 %): - Pre-sand with grit P 180 –P 280 and remove dust thoroughly.

**Proposed coating structure:** Steel:

Priming coat: \*AK 100-20 / AK 105-20 with 50 - 60 µm dry film thickness.

Finishing coat: Mipalin Kunstharz-Decklack with 50 - 60 µm dry film thickness.

Zincd substrates, aluminium:

Priming coat: \*VB 100-20 with 15 - 30 µm dry film thickness.

Finishing coat: Mipalin Kunstharz-Decklack with 50 - 60 µm dry film thickness.

Wood in exterior use:

Impregnation: Mipaxyl spezial.

Priming coat: Mipa Malervorlack HS with 50 - 60 µm dry film thickness.

Finishing coat: Mipalin Kunstharz-Decklack with 50 - 60 µm dry film thickness.

Wood in interior use:

Priming coat: Mipa Malervorlack HS with 50 - 60 µm dry film thickness.

Finishing coat: Mipalin Kunstharz-Decklack with 50 - 60 µm dry film thickness.

**Special notes:**

\*Further Mipa primer 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 RAL 7035. 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.