
Intended use

Mipa 2K-Systemzusatz PUS ensures an optimal finish when applying Mipa 2K topcoats, especially when applying by airmix and airless spray devices but also by roller and brush. A special composition of active components prevents effectively the formation of micro-foam and improves considerably the evaporation as well as the levelling property and gloss level of the topcoat. If there are nevertheless any problems during the application we recommend using Mipa 2K-Systemzusatz PUA.

1. mixing ratio for application on large planar surfaces (e.g. van bodies) in order to achieve smooth flowing coatings:

When using Mipa PUR HS / PU 262-90 + Mipa 2K-MS-Härter MS 25 / MS 40:

base lacquer + hardener mixing ratio 2:1 by volume + 5-10 % of Mipa 2K-Systemzusatz PUS, stir thoroughly

For roll and brush application: up to 10 % of Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40

For airmix and airless application: 5-10 % of Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40, ready-to-spray viscosity 20-25 s 4 mm DIN

When using Mipa PUR HS / PU 262-90 + Mipa 2K-HS-Härter HS 25 / 35:

base lacquer + hardener mixing ratio 3:1 by volume + 5-10 % Mipa 2K-Systemzusatz PUS, stir thoroughly

For roll and brush application: up to 15 % of Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40

For airmix and airless application: 10-15 % of Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40, ready-to-spray viscosity 20-25 s 4 mm DIN

When using Mipa 2K-PUR / PU 240-90 + Mipa 2K-Härter H 25 / 2K-MS-Härter MS 25 / 40:

base lacquer + hardener mixing ratio 2:1 by volume + 5-10 % of Mipa 2K-Systemzusatz PUS, stir thoroughly

For roll and brush application: up to 10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40

For airmix and airless application: 5-10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40, ready-to-spray viscosity 20-25 s 4 mm DIN

When using Mipa PU 260-90 + Mipa 2K-HS-Härter HS 25 / 35:

base lacquer + hardener mixing ratio 2:1 by weight + 5-10 % Mipa 2K-Systemzusatz PUS, stir thoroughly

ready-to-spray viscosity 20-25 s 4 mm DIN

2. Mixing ratio for applications on constructions with many edges and corners (chassis of commercial vehicles) in order to assure high covering power and edge covering:

When using Mipa PUR HS / PU 262-90 + Mipa 2K-MS-Härter MS 25 / 40:

base lacquer + hardener mixing ratio 2:1 by volume + 5-10 % Mipa 2K-Systemzusatz PUS, stir thoroughly

ready-to-spray viscosity will then be 25-30 s 4 mm DIN 53211.

When using Mipa PUR HS / PU 262-90 + Mipa 2K-HS-Härter HS 25 / 35:

base lacquer + hardener mixing ratio 3:1 by volume + 5-10 % Mipa 2K-Systemzusatz PUS, stir thoroughly

For roll and brush application: up to 10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40

For airmix and airless application: 5-10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40, ready-to-spray viscosity 25-30 s 4 mm DIN

When using Mipa 2K-PUR / PU 240-90 + Mipa 2K-Härter H 25 / 2K-MS-Härter MS 25 / 40:

base lacquer + hardener mixing ratio 2:1 by volume + 5-10 % Mipa 2K-Systemzusatz PUS, stir thoroughly

For roll and brush application: up to 10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40

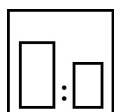
For airmix and airless application: 5-10 % Mipa 2K-Verdünnung V 25 or Mipa 2K-Verdünnung lang V 40, ready-to-spray viscosity 25-30 s 4 mm DIN

Spreading rate: --

Processing instructions



Colour
colourless



Mixing ratio

Hardener

by weight (lacquer : hardener)

by volume (lacquer : hardener)

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Hardener
for complete paintwork

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for partial paintwork

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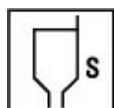
Pot life

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Thinner

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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

Thinner

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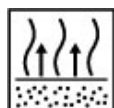
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Flash-off time

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Dry coat thickness

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Drying time

object
temperature

dust dry

set to
touch

ready for
assembly

sandable

recoatable

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Note

Storage: at least 3 years in unopened original container

VOC Regulation : --

Processing conditions: From +10 °C and up to 80 % relative air humidity. Ensure an adequate air ventilation.

Processing instructions:

The prescribed spray viscosities must be met exactly in order to avoid micro-foam formation and excess coating. The dry film thicknesses must not exceed 50-60 µm because higher coat thicknesses may cause micro-foam formation and loss of gloss!