

### Intended use

Mipa Binder PUR is a system component for the mixing system Mipa OC 2K-PUR-Autolack in HS quality. The addition of Mipa Binder PUR allows creating 2K-PUR acrylic car coatings (Mipa PUR-Plus) in Medium-Solid-quality (VOC < 500 g/l) which are resistant to weathering and yellowing and suitable for complete and partial paintworks on lorries, tank lorries, busses and for high-quality coatings on machines. The quantity of Mipa Binder to be added to Mipa OC 2K-PUR-Autolack in HS quality varies as a function of each OC-Mischlackkonzentrat (tinting concentrate) in use and is calculated by Mipa Mix software.

Quantity to add: ready mixed colour Mipa OC + Mipa Binder PUR (quantity is provided by Mipa Mix System), this mixture + hardener mixing ratio 2:1 by volume

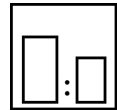
Spreading rate: 6,0 - 8,0 m<sup>2</sup>/l (Mipa PUR-Plus-Qualität)

### Processing instructions



#### Colour

Mipa Mix-System



#### Mixing ratio

##### Hardener

Mipa 2K-MS-Härter

by weight (lacquer : hardener)

–

by volume (lacquer : hardener)

2 : 1



#### Hardener

##### for complete paintwork

Mipa 2K-MS-Härter MS 25

Mipa 2K-MS-Härter MS 40

##### for partial paintwork

Mipa 2K-MS-Härter MS 10

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#### Pot life

2 - 8 h at 20 °C depending on the hardener in use



#### Thinner

0 - 10 % Mipa 2K-Verdünnung kurz V 10

0 - 10 % Mipa 2K-Verdünnung normal V 25

0 - 10 % Mipa 2K-Verdünnung lang V 40



#### Spray viscosity

##### gravity spray gun

20 - 22 s 4 mm DIN

##### Airmix/Airless

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#### Application mode

##### Application mode

gravity spray gun (high pressure)

HVLP (low pressure)

HVLP / internal nozzle pressure

##### Hardener

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–

–

##### pressure (bar)

2 - 2,5

2 - 2,2

0,7

##### nozzle (mm)

1,2 - 1,3

1,2 - 1,3

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##### spray passes

2 - 3

2 - 3

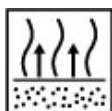
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##### dilution (%)

0 - 10

0 - 10

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**Flash-off time**

5 - 8 min between the coats  
 10 - 15 min before oven drying

**Dry coat thickness**

50 - 60 µm



**Drying time**

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	35 - 45 min	5 - 6 h	12 - 24 h	--	--
60 °C	10 - 15 min	20 - 25 min	after cooling	--	--
Infrared drying shortwave	--	8 min	--	--	--
Infrared drying mediumwave	--	10 - 15 min	--	--	--

**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:** Check always colours before application. Always check colours after having added the hardener. The addition of Binder PUR may modify the colour.