

Intended use

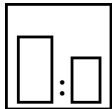
Mipa Binder AC is a system component for the mixing system Mipa OC 2K-PUR-Autolack, HS quality. By adding Mipa Binder AC it is possible to produce 2K-PUR acrylic car coatings (Mipa AC) in Medium-Solid quality (VOC < 480 g/l) which are resistant to weathering and yellowing and suitable for complete and partial paintworks.

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

Spreading rate: 8,0 - 10,0 m²/l (Mipa AC)

Processing instructions**Colour**

Mipa Mix-System

**Mixing ratio****Hardener**

Mipa 2K-MS-Härter

by weight (lacquer : hardener) **by volume (lacquer : hardener)**

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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

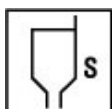
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**Pot life**

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

**Thinner**

0 - 10 % Mipa 2K-Verdünnung

**Spray viscosity****Gravity spray gun**

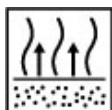
20 - 22 s 4 mm DIN

Airmix/Airless

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**Application method**

Application method	Hardener	Pressure (bar)	Nozzle (mm)	spray passes	Thinner
gravity spray gun (high pressure)	—	2 - 2,5	1,2 - 1,3	2 - 3	0 - 10
HVLP (low pressure)	—	2 - 2,2	1,2 - 1,3	2 - 3	0 - 10
HVLP / internal nozzle pressure	—	0,7	—	—	—

**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 supply and exhaust air ventilation

Processing instructions: Check colour before application. Always check colours after having added the hardener. The addition of Binder AC may modify the colour.