

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 m²/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 --				
	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 --				
	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 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.