Mipa OC 2K-PUR-Autolack HS-Qualität

Intended use

Mipa OC 2K-PUR-Autolack in HS-quality is a High Solid 2K PUR acrylic car paint with good protection against weathering and yellowing. It is especially suited for partial or complete paintworks of cars and commercial vehicles and provides particularly high coverage and spreading rate. All basecoats are free from lead pigments and are VOC compliant.

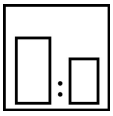
Spreading rate: 10,0 - 14,0 m²/l

Processing instructions



Colour

Mipa Mix-System



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
Mipa 2K-HS-Härter	--	2 : 1
Mipa 2K-MS-Härter	--	2 : 1



Hardener

for complete paintwork	for partial paintwork
Mipa 2K-HS-Härter HS 25 / 45	Mipa 2K-HS-Härter HS 10
Mipa 2K-MS-Härter MS 25 / 40	Mipa 2K-Härter MS 10



Pot life

1 h with Mipa 2K-Härter HS 10, MS 10 at 20 °C

4 h with Mipa 2K-Härter HS 25, MS 25 at 20 °C

6 h with Mipa 2K-Härter HS 45, MS 40 at 20 °C



Thinner

0 - 25 % Mipa 2K-Verdünnung kurz V 10

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

0 - 25 % Mipa 2K-Verdünnung lang V 40



Spray viscosity

If necessary the addition of thinner can be increased to 25 % to achieve the required spray viscosity. In this case the amount of thinner should be increased in 5 % steps.

gravity spray gun	Airmix/Airless
20 - 22 s 4 mm DIN	--

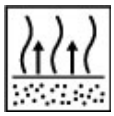


Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
gravity spray gun (high pressure)	--	2 - 2,5	1,2 - 1,3	1 - 2	0 - 5
HVLP (low pressure)	--	2 - 2,2	1,2 - 1,3	1 - 2	0 - 5
HVLP / internal nozzle pressure	--	0,7	--	--	--

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com



Flash-off time

5 - 8 min between 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	55 - 65 min	5 - 6 h	12 - 24 h	--	--
60 °C	10 - 15 min	25 - 30 min	after cooling	--	--
Infrared drying shortwave	--	8 min	--	--	--
Infrared drying mediumwave	--	10 - 15 min	--	--	--

Note

Storage: At least 2 years in original unopened 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: To avoid too high film builds (very high solid content as HS quality) strictly observe the recommended number of coats. Drying temperature: max. 60 °C. Check colours before application. Always check colours after having added the hardener. The polishability of some colours may be limited due to the system. The addition of binder (Mipa Binder AC, PUR, TC, NC) may have an influence on the colour. For subsequently matting with Mipa Multi Mat please observe the mixing ratios and information about application mentioned in the technical data sheet of Mipa Multi Mat.

This technical data sheet is supplied for informational purposes only! According to our information, all data and recommendations correspond to the state of art and are based on years of experience in manufacturing our products. They do not exempt the user from his obligation to verify professionally, on his own responsibility, the suitability of our products to the intended purpose under prevailing conditions. Safety data sheets and warnings on packaging must be observed. We reserve the right to modify and to complete the information content at any time, without prior notice or obligation to update.

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com