

Intended use

High-quality water-based 2K polyurethane topcoat with particularly high chemical and mechanical stress resistance for car coating. The special pigmentation enables achieving abrasion resistant, rust-like, dull matt surfaces. High resistance to UV and weathering. Very good resistance to water, solvent and chemicals, scratch resistant.

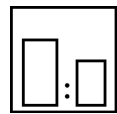
Spreading rate: 5,1 - 5,6 m²/l

Processing instructions



Colour

rust-like



Mixing ratio

Hardener

Mipa WPU 9805-25

by weight (lacquer : hardener)

5 : 1

by volume (lacquer : hardener)

5 : 1



Hardener

for complete paintwork

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for partial paintwork

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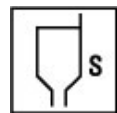
Pot life

3 h with Mipa WPU 9805-25 at 20 °C



Thinner

5 - 40 % Mipa WBC Verdünnung or
WBS VE Wasser



Spray viscosity

gravity spray gun

30 - 40 s 4 mm DIN

Airmix/Airless

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Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
gravity spray gun (high pressure)	--	2 - 2,5	1,4 - 1,6	2 - 3	5 - 40
HVLP (low pressure)	--	2 - 2,2	1,4 - 1,6	2 - 3	5 - 40
HVLP / internal nozzle pressure	--	0,7	--	--	--

gravity spray gun (high pressure)

HVLP (low pressure)

HVLP / internal nozzle pressure

Hardener

pressure (bar)

nozzle (mm)

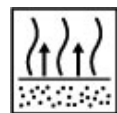
spray passes

Thinner

5 - 40

5 - 40

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Flash-off time

5 - 8 min between the coats

10 - 15 min before oven drying

Dry coat thickness

40 - 50 µm



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	80 - 90 min	6 - 8 h	48 h	--	--
60 °C	--	60 min	after cooling	--	--

Note

Storage: at least 2 years in unopened original containers

VOC Regulation : EU limit value for this product (category B/d): 420 g/l
This product contains at most 250 g/l of VOC.

Processing conditions: from +10 °C and up to 80 % relative air humidity. Ensure sufficient ventilation.

Processing instructions: Frost-free storage. Drying times are reduced by increasing air velocity and decreasing relative humidity. In case of drying with air gun the drying time is reduced considerably.

optimum processing conditions:
air temperature: 20 - 25 °C
object temperature: > 15 °C
rel. humidity: 40 - 60 %
air velocity: > 0.4 m/s

Always stir in first the hardener in the basic paint and then thin with Mipa VE-Wasser. Never add the water to the hardener. The special effect pigmentation lowers the resistance of the coating in car wash plants. Therefore we recommend treating with care these surfaces (e.g. wash by hand). Due to the system it might be that the viscosity of the basic paint increases during the storage period. Just increase the quantity of thinner to be added to adjust the viscosity. This has to be considered as typical for Mipa 2K-WBS-Rosteffekt and is therefore no quality defect.