Mipa 2K-HS-Klarlack CS 90

Technical data sheet

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Intended use

Mipa 2K-HS-Klarlack CS 90 is a scratch-resistant two-component HS polyurethane acrylic clearcoat based on Reflow technology. Because of its resistance to micro-scratches (caused e.g. by car wash plants) and to chemicals, Mipa 2K-HS-Klarlack CS 90 is particularly suitable for high-quality partial or complete paintworks on cars, motorcycles and commercial vehicles. Mipa 2K-HS-Klarlack CS 90 is especially easy to apply and is perfectly suitable to overcoat waterborne basecoats. VOC-conform.

Spreading rate: 6,0 - 8,0 m²/l

Processing instructions



Colour colourless



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)				
Mipa 2K-Härter H 5	-	2:1				
Mipa 2K-MS-Härter		2 : 1				
Mipa 2K-HS-Härter		3 : 1				



Hardener

for complete paintwork Mipa 2K-MS-Härter MS 25 / 40 Mipa 2K-HS-Härter HS 25 / 35

for partial paintwork

Mipa 2K-Härter H 5 (only Spot-Repair) Mipa 2K-MS-Härter MS 10



Pot life

0,5 h with Mipa 2K-Härter H 5 at 20 °C 1 h with Mipa 2K-Härter MS 10 / HS 10 at 20 °C 4 h with Mipa 2K-Härter MS 25 / HS 25 at 20 °C 6 h with Mipa 2K-Härter MS 40 / HS 35 at 20 °C



Thinner

Mipa 2K-Verdünnung kurz V 10 Mipa 2K-Verdünnung V 25 Mipa 2K-Verdünnung lang V 40



Spray viscosity

There is no need to add thinner when using the hardener Mipa 2K-Härter H 5 and MS-Härter.

gravity spray gun

18 - 20 s 4 mm DIN

Airmix/Airless

Version: en 0620

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	Application m	ode									
	Application mo		Hardener	-	ressu bar)	re	nozzle (mm)	spray passes		Thinner
	gravity spray gu pressure)	n (high		2	- 2,5		1,2 - 1,3		1 - 2		5 - 10
	HVLP (low pres	sure)		2	- 2,2		1,2 - 1,3		1 - 2		5 - 10
	HVLP / internal pressure	nozzle		0	,7						
$\frac{1}{2}$	Flash-off time 5 - 10 min between the coats 10 - 15 min before oven drying										
	Dry coat thickness 40 - 50 μm										
\bigcirc	Drying time object temperature	du	st dry	set to touch		ready assem		sanc	lable	rec	oatable
	20 °C	25	- 30 min	6 - 8 h		24 h					
	60 °C			30 mir	۱	1 h					
	Infrared drying shortwave			8 min							
	Infrared drying mediumwave			10 - 15	ō min						
Note											
Storage:		at least	: 3 years in u	Inopene	d origi	nal cor	ntainer				
VOC Regulation :		EU limit value for this product (category B/e): 840 g/l This product contains max. 500 g/l of VOC.									

Processing conditions:	From +10 °C and up to 80 % relative air humidity. Ensure an adequate air ventilation.
Processing instructions:	In case of BC-basecoats (solvent-based), it's necessary to apply first a thin coat (tack coat), which can be overcoated by applying 1-2 normal coats after approx. 3 - 5 min. flash-off time.

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