

Intended use

Mipa 2K-HS-Express-Klarlack ECX 21 is a VOC-compliant clearcoat using renewable raw materials. Suitable for the complete and partial painting of cars and commercial vehicles with particularly brilliant clearcoat leveling and optimum levelling on solvent and water-based paints.


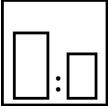





The proportion of renewable raw materials in the ready-to-spray mixture is 40 % when used with Mipa 2K-HS-Härter EHS 25.

After drying for 15 minutes at 60 °C or alternatively 25 minutes at 40 °C, the painted parts can be polished after cooling.

Mipa 2K-HS-Express-Klarlack ECX 21 is highly resistant to all weathering, chemical and mechanical stresses. Also suitable as a protective coating for neon colours (fluorescent colours).

Spreading rate: 10 - 12 m²/l (at 50 - 60 µm TSD)

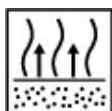
Processing instructions

	Colour colourless					
	Mixing ratio					
	Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)			
	Mipa 2K-HS-Härter EHS 25	--	2 : 1			
	Hardener					
	for complete paintwork	for partial paintwork				
	Mipa 2K-HS-Härter EHS 25	Mipa 2K-HS-Härter EHS 25				
	Pot life					
	70 - 80 min with Mipa 2K-HS-Härter EHS 25 at 20 °C					
	Thinner					
	ready for use after adding the hardener					
	Mipa 2K Verdünnung normal V 25 if required					
	Spray viscosity					
	gravity spray gun	Airmix/Airless				
	17 - 19 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	2	--
	HVLP (low pressure)	--	2 - 2,2	1,2 - 1,3	2	--
	HVLP/ internal nozzle pressure	--	0,7	--	--	--

Version: gb 0124

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.

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Flash-off time

5 - 7 min between coats

10 - 15 min prior to oven drying

Dry coat thickness

50 - 60 µm



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	20 - 25 min	1 - 2 h	6 - 8 h	--	--
60 °C	--	15 min	--	--	--

Note

- Storage:** At least 3 years in unopened original container.
- VOC Regulation:** EU limit value for this product (category B/d): 420 g/l.
This product contains max. 420 g/l of VOC.
- Processing conditions:** From +10 °C and up to 80 % relative air humidity. Ensure an adequate supply and exhaust air ventilation.
- Processing instructions:** Observe an intermediate flash-off time of approx. 15 minutes.