

Intended use

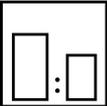
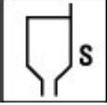
Mipa 2K-HS-Express-Klarlack CX 2 is a high-quality acrylic clearcoat for fast and economic car refinishing (express technology), especially in case of oven drying. After the drying of 15 minutes at 60 °C or alternatively 25 minutes at 104 °F (40°C) plus cooling time it is possible to start already the polishing process.

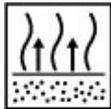
When using Mipa 2K-HS-Härter HS 10, the oven drying time at 60 °C can be reduced to 5 minutes in order to reduce the energy costs. In this case, polishing can already be carried out after a further drying for 45 - 50 minutes at 70 °F (20 °C).

Mipa 2K-Express-Klarlack CX 2 is also suitable for partial car coatings. Ready for use after the addition of Mipa 2K-HS-Hardener. This product provides excellent resistance against environmental and weathering conditions as well as yellowing and offers durable gloss retention.

Spreading rate: 405 - 490 sq.ft/gal by 1 mil. 10 - 12 m²/l 25 µm

General informations

	Colour colorless					
	Mixing ratio					
	Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)			
	Mipa 2K-HS-Hardeners	--	2 : 1			
	Hardener					
	for complete paintwork	for partial paintwork				
	HS 45 for large surfaces or high temp.	HS 10 for small repair (Express Technologie) HS 25 for partial paintworks				
	Pot life					
	70 min with Mipa 2K-HS-Hardener HS 10 at 70 °F (20 °C)					
	80 min with Mipa 2K-HS-Hardener HS 25 at 70 °F (20 °C)					
	80 min with Mipa 2K-HS-Hardener HS 45 at 70 °F (20 °C)					
	Thinner					
	--					
	Spray viscosity					
	ready for use after adding the hardener					
	gravity spray gun	Airmix/Airless				
	17 - 19 s 4 mm DIN	--				
	Application mode					
	Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
	HVLP (low pressure)	--	2 - 2,5	1,2 - 1,3	1,5	--
	HVLP (low pressure)	--	2 - 2,2	1,2 - 1,3	2	--
	HVLP (low pressure)	--	0,7	--	2	--



Flash-off time

3 - 5 min between coats

10 - 15 min before oven drying

Dry coat thickness

2 - 2,4 mil (50 - 60 µm)



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C)	15 - 20 min	1 - 2 h	6 h	--	--
140 °F (60 °C)	--	15 min	--	--	--
Infrared drying shortwave	--	8 min	--	--	--
Infrared drying mediumwave	--	10 - 15 min	--	--	--

Note

Storage:

In tightly closed original containers at least 3 years shelf life.
Storage temperature range 50 - 86°F (10 - 30 °C)
Protect package from direct sunlight and heat.

VOC Information:

VOC as packaged:
less exempt solvents 428 g/l / 3.57 lb/gl
with exempt solvents 428 g/l / 3.57 lb/gl

VOC as applied: < 420 g/l / 3.5 lb/gl

Always check local VOC laws to ensure that the use of Mipa products is compliant in your area.

Processing conditions:

from 50 °F (10 °C) and up to 80 % relative air humidity.
Ensure an adequate supply and exhaust air ventilation.
Acrylic-based clearcoats do not cure perfectly at a temperature of below 50 °F.

General informations:

Optimum application: apply a light continuous spray coat followed by 1 full spray coat. In order to assure a perfect curing we recommend forced drying. After the drying time of 15 minutes at 140 °F (60 °C) or alternatively 25 minutes at 104 °F (40°C) plus cooling time it is possible to start already the polishing process.

To matt the clearcoat see technical data sheet „Mipa 2K-HS-Clearcoat matt CCM or CCD“.

Tools should be cleaned immediately after use.

Safety aspect:

For professional use only. Not for sale to or use by the general public. Before opening the packages be sure you understand the warning Messages on the Labels and Safety Data Sheets of all components since the mixture will have the hazards of all of its parts. The manufacturer recommends the use of an air supplied Respirator when exposed to vapors or spray mist.

Medical Response:

Emergency Medical or Spill Control Information 011 49(0)700 24112112 (MIP)
US Emergency Phone Number (for transportation incidents only) 1-800-535-5053
(Infotrac)

Exclusive Importer: Mipa USA Inc

3 American Way, Suite 15, Spotswood, NJ 08884 www.mipa-usa.com
Info@mipa-usa.com. 732-416-9590 Phone, 732-416-9592 Fax.