

Intended use

Mipa 2K-Express-Clearcoat CX 1 is a high-quality acrylic clearcoat for fast and economic car refinishing (express technology). After the drying of 15 minutes at 140 °F (60 °C) with Mipa Hardener HS 10 plus cooling time it is possible to start already the polishing process. Mipa 2K-Express-Clearcoat CX 1 is also suitable for partial car coatings. Ready for use after the addition of Mipa 2K-HS-Hardeners. This product provides excellent resistance against environmental and weathering conditions and offers durable gloss retention.

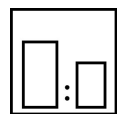
Spreading rate: 244 - 325 sq.ft/gal by 1 mil. 6,0 - 8,0 m²/l 25 µm

General informations



Colour

colorless



Mixing ratio

Hardener

Mipa 2K-HS-Hardeners

by weight (lacquer : hardener)

–

by volume (lacquer : hardener)

3 : 1



Hardener

for complete paintwork

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for partial paintwork

Mipa 2K-HS-Hardener HS 5 / HS 10

(for small parts: express technology)

Mipa 2K-HS-Hardener HS 25

(for partial coatings: standard technology)



Pot life

0,5 h with Mipa 2K-Hardener HS 5 at 70 °F (20 °C)

1 h with Mipa 2K-HS-Hardener HS 10 at 70 °F (20 °C)

2 h with Mipa 2K-HS-Hardener HS 25 at 70 °F (20 °C)



Thinner

0 - max. 10 % Mipa 2K-Thinner V 25 / V40 slow

(for small parts: express technologie)

0 - max. 10 % Mipa 2K-Thinner V25 / V40 slow

(for partial coatings: standard technology)



Spray viscosity gravity spray gun

14 - 16 s 4 mm DIN

Airmix/Airless

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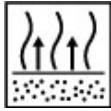
Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
HVLP (low pressure)	–	29 - 35 psi 2 - 2,5 bar	1,1 - 1,3	2	0 - 10 %
HVLP (low pressure)	–	29 - 33 psi 2 - 2,2 bar	1,1 - 1,3	2	0 - 10 %
HVLP / internal nozzle pressure	–	10 psi 0,7 bar	–	–	–

Version: us 1020

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 the coats
10 - 15 min. before oven drying

Dry coat thickness

1,6 - 2 mil (40 - 50 µm)



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
70 °F (20 °C)	10 - 12 min.	20 min.	4 h	--	--
140 °F (60 °C)	--	10 - 20 min depending hardener	15 - 30 min. depending hardener	--	--

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 406 g/l / 3.4 lb/gl
with exempt solvents 529 g/l / 4.45 lb/gl

VOC as applied:
no reducer < 420 g/l / 3.5 lb/gl
+ 10% 2K Thinner < 477 g/l / 3.98 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:

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)

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