

Intended use

Mipa 2K-HS-Clearcoat CCD with 5 - 10 gloss units at a 60° angle is a High-Solid acrylic clearcoat for high-quality, very mat coatings (partial or complete paintworks) in the car sector. It ensures a uniform dull mat clear coat on solvent and water-based paints. Mipa 2K-HS-Clearcoat CCD is highly resistant to all weather conditions as well as to chemical agents and mechanical stress.

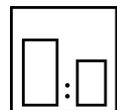
Spreading rate: 405 - 490 sq.ft/gal by 1 mil. 10 - 12 m²/l.

General informations



Colour

colorless



Mixing ratio

Hardener

by weight (lacquer : hardener)

by volume (lacquer : hardener)

Mipa 2K-MS-Hardener MS 25 LV --
/ MS 40 LV

2 : 1

Mipa 2K-HS-Hardener HS 25 / 35 --

3 : 1



Hardener

for complete paintwork

Mipa 2K-MS-Hardener MS 40 LV

Mipa 2K-HS-Hardener HS 35

for partial paintwork

Mipa 2K-MS-Hardener MS 25 LV / MS 35 LV

Mipa 2K-HS-Hardener HS 25



Pot life

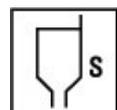
1 h bei 70 °F (20 °C)



Thinner

Mipa 2K-Thinner slow V 40

Mipa 2K-Thinner slow V 40



Spray viscosity gravity spray gun

16 - 18 s 4 mm DIN

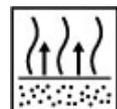
Airmix/Airless

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Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
HVLP (low pressure)	--	29 - 35 psi 2 - 2,5 bar	1,2 - 1,3	1,5	15 - 25 %
HVLP (low pressure)	--	29 - 35 psi 2 - 2,5 bar	1,2 - 1,3	1,5	15 - 25 %



Flash-off time

5 - 10 min. between coats

30 - 45 min. prior to 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)	25 - 35 min.	12 h	24 h	–	–
140 °F (60 °C)	–	30 min.	2 h	–	–

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 507 g/l / 4.2 lb/gl.
lith exempt solvents 507 g/l / 4.2 lb/gl.

VOC as applied:
2:1 / Vol. with hardener MS 25 LV + 15 % 2K Thinner V40 < 507 g/l (4,23 lb/gal).
3:1 / Vol. with hardener HS 35 + 15 % 2K Thinner V40 < 559 g/l (4,66 lb/gal).

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 achieve a uniform dull mat result on large surfaces of cars, we recommend integrating this in the daily routine as the last paint job and to dry overnight at room temperature.

Infrared drying not recommended.

Possible gloss levels in combination with Mipa 2K-HS-Clearcoats CC 6 / CC 8 / CC 9 / CC 12 / CC 14 Thix / C 270 LV 2.1:

Mipa 2K-HS-Clearcoat CCD + Mipa 2K-HS-Clearcoat mixing ratio 6:1 = mat (15-20 GU / 60°)

Mix with 2K-HS-Clearcoat CCM for finer gradations in the gloss range 5 - 15 GU / 60!

Mipa 2K-HS-Clearcoat CCD + Mipa 2K-HS-Clearcoat mixing ratio 4,5:1 = satin mat (20-30 GU / 60°)

Mipa 2K-HS-Clearcoat CCD + Mipa 2K-HS-Clearcoat MV 3,5:1 = semi-gloss (50-60 GU / 60°)

Mipa 2K-HS-Clearcoat CCD + Mipa 2K-HS-Clearcoat MV 2,5:1 = satin gloss (70-80 GU / 60°)

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.

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