

Intended use

Mipa 2K-HS-Clearcoat CC 12 is a VOC-compliant High-Solid acrylic clearcoat for partial or complete coating of passenger cars and commercial vehicles with particularly brilliant finish and optimum flow on solvent-based or water-based basecoats. Thanks to its special formulation, Mipa 2K-HS-Clearcoat CC 12 generally guarantees improved process reliability compared to standard HS clearcoats.

On the one hand, a very smooth flow is achieved immediately after application. This effectively minimises the risk of coating defects due to too scarred surfaces or runners.

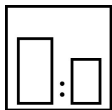
On the other hand, Mipa 2K-HS-Clearcoat CC 12 is highly insensitive to blistering. Therefore, coating horizontal surfaces such as roofs, front hoods, etc. is possible without any problems even when applied in very thick layers. This advantage also takes effect at high processing temperatures, as an increased tendency to blistering and loss of gloss is to be expected here.

Mipa 2K-HS-Clearcoat CC 12 can be optimally polished immediately after forced drying and is highly resistant to all climatic conditions as well as to chemical agents and mechanical stress. Also suitable as a protective coating for neon colors (fluorescent colors). Excellent drying properties. Ready for use without or, if necessary, with a small amount of thinner.

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

General informations**Colour**

colorless

**Mixing ratio****Hardener**

Mipa 2K-HS-Hardener HS 25

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1

**Hardener****for complete paintwork**

Mipa 2K-HS-Hardener HS 25

Mipa 2K-HS-Hardener HS 35

for partial paintwork

Mipa 2K-HS-Hardener HS 10

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**Pot life**

1 h with Mipa 2K-HS-Hardener HS 10 at 70 / 20 °C

2,5 h with Mipa 2K-HS-Hardener HS 25 at 70°F / 20 °C

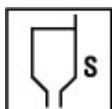
2,5 h with Mipa 2K-HS-Hardener HS 35 at 70°F / 20 °C

**Thinner**

Mipa 2K-Thinner fast V 10

Mipa 2K-Thinner V 25

Mipa 2K-Thinner slow V 40

**Spray viscosity****gravity spray gun**

19 - 22 s 4 mm DIN

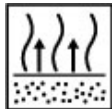
Airmix/Airless

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Application mode

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



Flash-off time

1 - 3 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	45 - 55 min.	12 h	24 h	–	–
140°F / 60 °C	–	30 min.	2 h	–	–
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 366 g/l / 3.1 lb/gal
with exempt solvents 366 g/l / 3.1 lb/gal

VOC as applied: + 5% 2K Thinner < 420g/l / 3,5 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.

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: Fleetwood Products

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