

Intended use

Mipa 2K-HS-Clearcoat CC 8 is a VOC-compliant High-Solid acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles and provides an especially brilliant finish and optimal flow on solvent-based or water-based basecoats. Mipa 2K-HS-Clearcoat CC 8 guarantees an optimal curing especially in case of oven drying but also at room temperature. It can be polished immediately after forced drying and is highly resistant to all kind of weathering as well as to mechanical stress and chemical agents. Also suitable as protective coating for neon colours (fluorescent colours). Easy and safe application under all climatic conditions.

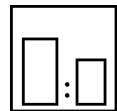
Spreading rate: 405 - 490 sq.ft/gal by 1 mil. 10 - 12 m²/l 25 µm

General informations



Colour

colourless



Mixing ratio

Hardener

Mipa 2K-HS-Hardeners

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 °F (20 °C)

2 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

HVLP (low pressure)

Hardener

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pressure (bar)

29 - 35 psi
2 - 2,5 bar

nozzle (mm)

1,2 - 1,3

spray passes

1,5

Thinner

0 - 5 %

HVLP (low pressure)

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29 - 32 psi
2 - 2,2 bar

1,2 - 1,3

1,5

0 - 5 %

HVLP / internal nozzle pressure

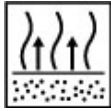
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10 psi
0,7 bar

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Flash-off time

1 - 3 min. between the 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)	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 406 g/l / 3.4 lb/gl
with exempt solvents 406 g/l / 3.4 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. When drying at room temperature, it is advisable to use the hardener Mipa 2K-HS-Hardener HS 10. To mat the clearcoat see technical data sheet „Mipa 2K-HS-Clearcoat matt CCM“.

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: 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.