

Intended use

Mipa C 270 LV is a VOC-compliant (2.1 lbs/gal) acrylic clearcoat for complete or partial paintwork of cars and commercial vehicles. Fast drying, excellent gloss and stability of the paint are assured by two coat application that generally does not require oven drying. It is ready to use after the addition of the suitable amount of Mipa 2K-Hardeners MS 10 LV, MS 25 LV, MS 35 LV or MS 40 LV. Highly resistant to all kind of weathering as well as to mechanical stress and chemical agents. Excellent drying properties.

Available in 5 Ltr. package.

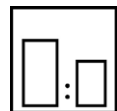
Spreading rate: 405 - 490 sq.ft/gal by 1 mil. 10 - 12 m²/l 25 µm

General informations



Colour

colourless



Mixing ratio

Hardener

Mipa 2K-MS-Hardeners LV

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1



Hardener

for complete paintwork

Mipa 2K-Hardener MS 35 LV

Mipa 2K-Hardener MS 40 LV

for partial paintwork

Mipa 2K-Hardener MS 10 LV or MS 25 LV

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Pot life

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

2 h with Mipa 2K-Hardener MS 25 LV/MS 35 LV at 70 °F (20 °C)

2,5 h with Mipa 2K-Hardener MS 40 LV at 70 °F (20 °C)



Thinner

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Spray viscosity

gravity spray gun

18 - 20 s 4 mm DIN

Airmix/Airless

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Application mode

Application mode

HVLP (low pressure)

HVLP / internal nozzle
pressure

Hardener

all MS LV

all MS LV

pressure (bar)

29 - 35 psi
2 - 2,5 bar

10 psi
0,7 bar

nozzle (mm)

1,2 - 1,3

1,2 - 1,3

spray passes

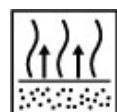
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Thinner

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Flash-off time

5 - 10 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)	–	15 - 20 min.	1 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 281 g/l / 2.43 lb/gl
with exempt solvents 625 g/l / 5.22 lb/gl

VOC Regulation:

RTS Combinations	2K Hardener MS 10 LV	2K Hardener MS 25 LV	2K Hardener MS 35 LV
Mixing ratio by volume	2 : 1 by volume	2 : 1 by volume	2 : 1 by volume
Actual VOC (g/L)	678	679	679
Regulatory VOC (g/L)	250	250	250
Volatiles wt. %	60,9	61	60,9
Water wt. %	-	-	-
Exempt wt. %	48,9	48,9	48,9
Density (g/L)	1114	1114	1114
RTS Combinations	2K Hardener MS 40 LV		
Mixing ratio by volume	2 : 1 by volume		
Actual VOC (g/L)	678		
Regulatory VOC (g/L)	249		
Volatiles wt. %	60,9		
Water wt. %	-		
Exempt wt. %	48,9		
Density (g/L)	1114		

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: 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

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