

Intended use

Mipa 2K-Clearcoat C120 is a VOC compliant (4.2 lbs/gal) acrylic clearcoat. Especially developed for easy application with less pressure (15 - 20 psi). Fast drying, excellent gloss and stability of the paint are assured by two coat application. As result, an important economy of material and processing time is assured. Mipa 2K-Clearcoat C120 is ready to use after the addition of the suitable amount of all Mipa 2K-MS-Hardeners LV. Excellent durability against all environmental and climatic circumstances.

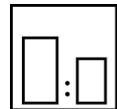
Spreading rate: 315 - 345 sq.ft/gal by 1 mil. 6 - 8 m²/l 25 µm

General informations



Colour

colorless



Mixing ratio

Hardener

Mipa 2K-MS-Hardeners LV

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by weight (lacquer : hardener)

–

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by volume (lacquer : hardener)

4 : 1

3 : 1



Hardener

for complete paintwork

Mipa 2K-MS-Hardener MS 35 LV

Mipa 2K-MS-Hardener MS 40 LV

for partial paintwork

Mipa 2K-MS-Hardener MS 10 LV

Mipa 2K-MS-Hardener MS 25 LV



Pot life

1 h with MS 10 LV at 70 °F (20 °C)

3 h with MS 25 LV / MS 35 LV at 70 °F (20 °C)

6 h with MS 40 LV at 70 °F (20 °C)



Thinner

–



Spray viscosity

gravity spray gun

16 - 18 s 4 mm DIN

Airmix/Airless

–



Application mode

Application mode

HVLP (low pressure)

HVLP (low pressure)

HVLP / internal nozzle pressure

Hardener

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pressure (bar)

14 - 26 psi

1 - 1,8 bar

9,8 psi
(0,7 bar)

nozzle (mm)

1,2 - 1,3

1,2 - 1,3

–

spray passes

2

2

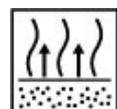
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dilution (%)

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Flash-off time

5 - 10 min between coats

5 - 10 min prior to 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 - 15 min.	6 - 8 h	24 h	--	--
140 °F (60 °C)	5 - 10 min.	30 min.	1 h	--	--
Infrared drying shortwave	5 - 10 min.	8 min.	45 min.	--	--
Infrared drying mediumwave	5 - 10 min.	10 - 15 min.	45 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 575 g/l / 4.8 lb/gl.
With exempt solvents 670 g/l / 5.6 lb/gl.

VOC as applied: < 503 g/l / 4.2 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:

To get an optimum of gloss, hardness and scratch resistance (for example motorcycles) you can change the mixing ratio to 3 : 1 by volume.
Don't use thinner!
Don't apply more than 3 layers.

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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