

### Intended use

High-filling 2-component acrylic clearcoat with UV protection, which ensures high gloss and protection on solvent-based and water-based basecoats. Ideally suited for use in spot repair work as well as for complete paintwork. High resistance to weather, environmental influences and chemicals, durable gloss retention. In addition, Mipa 2K-HS-Clearcoat C 180 provides excellent polishing properties.

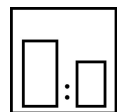
Spreading rate: 244 - 325 sq.ft/gal by 1 mil. 6 - 8 m<sup>2</sup>/l 25 µm

### General informations



#### Colour

colorless



#### Mixing ratio

##### Hardener

Mipa 2K-MS-Hardeners LV

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1 by volume



#### Hardener

##### for complete paintwork

Mipa 2K-MS-Hardener MS 35 LV

Mipa 2K-MS-Hardener MS 40 LV

##### for partial paintwork

Mipa 2K-MS-Hardeners 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

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

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

6 h with Mipa 2K Hardener MS 40 LV at 70 °F / 20 °C



#### Thinner

Mipa 2K-Thinner V 25

Mipa 2K-Thinner V 40



#### 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 (low pressure)

HVLP (low pressure)

HVLP / internal nozzle  
pressure

##### Hardener

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##### pressure (bar)

29 - 35 psi  
(2 - 2,5 bar)

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(2 - 2,5 bar)

29 - 35 psi  
(2 - 2,5 bar)

0,7

##### nozzle (mm)

1,2 - 1,3

1,2 - 1,3

1,2 - 1,3

1,2 - 1,3

##### spray passes

1 - 2

1 - 2

1 - 2

1 - 2

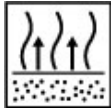
##### Thinner

0 - 10

0 - 10

0 - 10

0 - 10



### Flash-off time

5 - 10 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	30 - 40 min	4 - 6 h	24 h	--	--
140 °F / 60 °C	--	25 - 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 502 g/l / 4.19 lb/gl  
with exempt solvents 502 g/l / 4.19 lb/gl

VOC as applied: < 496 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:

Don't apply more than 2 full layers.  
For best gloss results specially horizontal surfaces (e.g. bonnet) use Mipa Hardener MS 35 LV or MS 40 LV.

Tools should be cleaned immediately after use.

Notes on its polishability:

- polishable after drying overnight at 20 °C.
- polishable after oven drying for 30 min at 60 °C.

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](http://www.mipa-usa.com)  
[fleetwood@mipa-usa.com](mailto:fleetwood@mipa-usa.com). 732-416-9590 Phone, 732-416-9592 Fax.