

### Intended use

Mipa 2K-HS-Klarlack CC 14 Thix is a thixotropic, VOC-compliant High-Solid acrylic clearcoat for partial or complete coating of passenger cars and commercial vehicles and provides particularly high vertical stability and resistance to boiling when applied in thick layers. Mipa 2K-HS-Klarlack CC 14 Thix offers a brilliant finish and optimum flow on solvent-based or water-based basecoats. Thanks to its special formulation, Mipa 2K-HS-Klarlack CC 14 Thix generally guarantees improved process reliability compared to standard HS clearcoats.

On the one hand, there is very high vertical stability even at high processing temperatures. This effectively minimises the risk of coating defects due to runners when applied in thick layers.

On the other hand, Mipa 2K-HS-Klarlack CC 14 Thix is highly resistant to boiling. 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 boiling and sagging is to be expected here.

Mipa 2K-HS-Klarlack CC 14 Thix 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. Ready for use after mixing with the hardener.

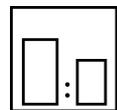
Spreading rate: 410 - 495 sq.ft/gal by 1 mil. 10 - 12 m<sup>2</sup>/l 25 µm

### General informations



#### Colour

colorless



#### 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 or HS 45

##### for partial paintwork

Mipa 2K-HS-Hardener HS 10

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#### Pot life

50 min with Mipa 2K-HS-Hardener HS 10 at 70°F (20 °C)

70 - 90 min with Mipa 2K-HS-Hardener HS 25 at 70°F (20 °C)

70 - 90 min with Mipa 2K-HS-Hardener HS 45 at 70°F (20 °C)

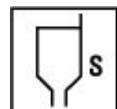


#### Thinner

Mipa 2K-Thinner fast V 10

Mipa 2K-Thinner normal V 25

Mipa 2K-Thinner slow V 40



#### Spray viscosity

##### gravity spray gun

20 - 24 s 4 mm DIN

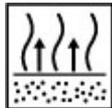
##### Airmix/Airless

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### Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
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. prior to 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)	15 - 25 min	6 - 7 h	24 h	–	–
70°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 376 g/l / 3.17 lb/gl  
with exempt solvents 376 g/l / 3,17 lb/gl  
VOC as applied 2:1 with Mipa 2K-HS Hardeners < 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.

Mipa 2K-HS-Härter HS 45 is also particularly suitable for painting at high temperatures and high humidity.

**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.

13 American Way, Suite 15, Spotswood, NJ 08884 [www.mipa-usa.com](http://www.mipa-usa.com)  
[info@mipa-usa.com](mailto:info@mipa-usa.com). 732-416-9590 Phone.