

### Intended use

Mipa 2K-HS-Klarlack CC 12 is a VOC-compliant High-Solid acrylic clearcoat for partial or complete coating of passenger cars and commercial vehicles with particularly brilliant finish and optimum flow on solvent-based or water-based basecoats. Thanks to its special formulation, Mipa 2K-HS-Klarlack CC 12 generally guarantees improved process reliability compared to standard HS clearcoats.

On the one hand, a very smooth flow is achieved immediately after application. This effectively minimises the risk of coating defects due to too scarred surfaces or runners when applied in thick layers.

On the other hand, Mipa 2K-HS-Klarlack CC 12 is highly insensitive to blistering. 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 blistering and loss of gloss is to be expected here.

Mipa 2K-HS-Klarlack CC 12 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. Also suitable as a protective coating for neon colours (fluorescent colours). Excellent drying properties. Ready for use without or, if necessary, with a small amount of thinner.

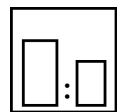
Spreading rate: 10,0 - 12,0 m<sup>2</sup>/l

### Processing instructions



#### Colour

colourless



#### Mixing ratio

##### Hardener

Mipa 2K-HS-Härter

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1



#### Hardener

##### for complete paintwork

Mipa 2K-HS-Härter HS 25

Mipa 2K-HS-Härter HS 35

##### for partial paintwork

Mipa 2K-HS-Härter HS 10

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#### Pot life

1 h with Mipa 2K-HS-Härter HS 10 at 20 °C

2,5 h with Mipa 2K-HS-Härter HS 25 at 20 °C

2,5 h with Mipa 2K-HS-Härter HS 35 at 20 °C

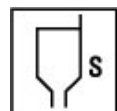


#### Thinner

Mipa 2K-Verdünnung kurz V 10

Mipa 2K-Verdünnung V 25

Mipa 2K-Verdünnung lang V 40



#### Spray viscosity

##### gravity spray gun

19 - 22 s 4 mm DIN

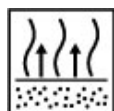
##### Airmix/Airless

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### Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	Thinner
gravity spray gun (high 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 before oven drying

### Dry coat thickness

50 - 60 µm



### Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	45 - 55 min	12 h	24 h	–	–
60 °C	–	30 min	2 h	–	–
Infrared drying shortwave	–	8 min	–	–	–
Infrared drying mediumwave	–	10 - 15 min	–	–	–

### Note

- Storage:** for at least 3 years in unopened original container
- VOC Regulation :** EU limit value for this product (category B/d): 420 g/l  
This product contains max. 420 g/l of VOC
- Processing conditions:** From +10 °C and up to 80 % relative air humidity. Ensure an adequate air ventilation.
- Processing instructions:** Optimum application: Apply a light continuous spray coat followed by 1 full spray coat.