

Intended use

Mipa 2K-HS-Klarlack CC 9 is a VOC-compliant High-Solid acrylic clearcoat for full and partial paintworks on cars and commercial vehicles and provides a particularly brilliant finish and an optimal flow on solvent- or water-based basecoats. Mipa 2K-HS-Klarlack CC 9 assures a very fast surface drying and complete curing during both oven drying and drying at room temperature. Another major advantage is the very slow increase in viscosity after the addition of hardener.

After adding the hardener, Mipa 2K-HS-Klarlack CC 9 provides a constant spray viscosity up to one hour (in combination with the Mipa hardener 2K-HS-Härter HS 25 and HS 35), whereas common, fast drying clearcoats become quite quickly thicker after the addition of hardener that leads subsequently to a defective flow of the clearcoat.

Long-lasting paintworks are therefore easy to realise with optimum clearcoat flow. This leads to reliable application behaviour and the risk of paint defects is significantly reduced.

Mipa 2K-HS-Klarlack CC 9 can be polished optimally immediately after force drying and presents high resistance to all kind of weathering as well as to chemical and mechanical strains. Also suitable as protective topcoat for neon colours (daylight fluorescent colours). Easy and reliable processing under all climatic conditions.

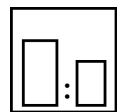
Spreading rate: 10,0 - 12,0 m²/l

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

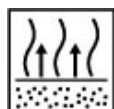
Airmix/Airless

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Application method

| Application method | Hardener | Pressure (bar) | Nozzle (mm) | spray passes | Thinner |
|-----------------------------------|----------|----------------|-------------|--------------|---------|
| gravity spray gun (high pressure) | – | 2 - 2,5 | 1,2 - 1,3 | 1,5 - 2 | 0 - 5 |
| HVLP (low pressure) | – | 2 - 2,2 | 1,2 - 1,3 | 1,5 - 2 | 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

50 - 60 µm



Drying time

| Object temperature | dust dry | set to touch | ready for assembly | sandable | recoatable |
|----------------------------|-------------|--------------|--------------------|----------|------------|
| 20 °C | 25 - 35 min | 1 - 1,5 h | 24 h | – | – |
| 60 °C | – | 30 min | 2 h | – | – |
| Infrared drying shortwave | – | 8 min | – | – | – |
| Infrared drying mediumwave | – | 10 - 15 min | – | – | – |

Note

- Storage:** 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 supply and exhaust air ventilation.
- Processing instructions:** –