

Intended use

Mipa 2K-HS-Klarlack matt CCM with a gloss between 15 - 20 degrees at a 60°-angle is a VOC-conform High-Solid acrylic clearcoat to create high-quality matt coatings (partial or complete paintwork) on cars. It is also appropriate to adjust the gloss of Mipa 2K-HS-Klarlacke (clearcoats) and of Mipa 2K-HS-Express-Klarlack CX 2. It assures uniformly matted clear coatings on solvent-based and water-based basecoats. Mipa 2K-HS-Klarlack matt CCM provides high resistance to all kind of weathering as well as to chemical and mechanical stresses.

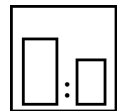
Spreading rate: 10,0 - 12,0 m²/l

Processing instructions



Colour

colourless



Mixing ratio

Hardener

Mipa 2K-MS-Härter MS 25 / 40

Mipa 2K-HS-Härter HS 25 / 35

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1

3 : 1



Hardener

for complete paintwork

Mipa 2K-MS-Härter MS 40

Mipa 2K-HS-Härter HS 35

for partial paintwork

Mipa 2K-MS-Härter MS 25

Mipa 2K-HS-Härter HS 25



Pot life

1 h at 20 °C



Thinner

Mipa 2K-Verdünnung V 25

Mipa 2K-Verdünnung lang V 40



Spray viscosity gravity spray gun

16 - 18 s 4 mm DIN

Airmix/Airless

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Application mode

Application mode

gravity spray gun (high pressure)

HVLP (low pressure)

HVLP / internal nozzle pressure

Hardener

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–

–

pressure
(bar)

2 - 2,5

2 - 2,2

0,7

nozzle (mm)

1,2 - 1,3

1,2 - 1,3

–

spray
passes

1,5

1,5

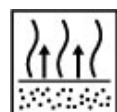
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Thinner

25

25

–



Flash-off time

5 - 10 min between the coats

30 - 45 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	25 - 35 min	12 h	24 h	--	--
60 °C	--	30 min	2 h	--	--
Infrared drying shortwave	--	8 min	--	--	--
Infrared drying mediumwave	--	10 - 15 min	--	--	--

Note

Storage: at least 2 years in unopened original container

VOC Regulation : EU limit value for this product (category B/e): 840 g/l
This product contains max. 495 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. To ensure a uniform gloss on large surfaces of cars, it is advisable to apply this coating at the end of a working day and to let it dry overnight at room temperature.

Possible gloss levels in combination with Mipa 2K-HS-Klarlacken CC 4 / CC 6 / CC 7 / CC 8 / CC 9 and Mipa 2K-HS-Express-Klarlack CX 2:

Mipa 2K-HS-Klarlack matt + Mipa 2K-HS-Klarlack/ Mipa 2K-HS-Express-Klarlack CX 2, mixing ratio 7:1 = satin matt

Mipa 2K-HS-Klarlack matt + Mipa 2K-HS-Klarlack/ Mipa 2K-HS-Express-Klarlack CX 2, mixing ratio 4:1 = satin gloss

Mipa 2K-HS-Klarlack matt + Mipa 2K-HS-Klarlack/Mipa 2K-HS-Express-Klarlack CX 2, mixing ratio 3:1 = semi-gloss