

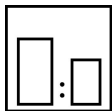
Intended use

Mipa 2K-HS-Klarlack CS 44 is a scratch-resistant and easy-to-clean clearcoat based on nanotechnology. Because of its extraordinary resistance to micro-scratches (caused e.g. by car wash plants or mechanical abrasion) and to chemicals, Mipa 2K-HS-Klarlack CS 44 is particularly suitable for high-quality partial or complete paintworks on cars, motorcycles, commercial vehicles and for coating highly stressed parts (e.g. vehicles interior, motorcycle tanks, handle shell). Mipa 2K-HS-Klarlack CS 44 can be applied as topcoat on water-based or solvent-based basecoats.

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

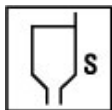
2,5 h with Mipa 2K-HS-Härter HS 35 at 20 °C

**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)

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2 - 2,5

1,2 - 1,3

1,5

0 - 5

HVLP (low pressure)

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2 - 2,2

1,2 - 1,3

1,5

0 - 5

HVLP / internal nozzle pressure

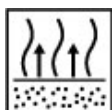
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0,7

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**Flash-off time**

1 - 3 min between the 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	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 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.