

Intended use

Mipa 2K-Klarlack CS 21 is a scratch-resistant two-component acrylic clearcoat based on Reflow Technology which is applied without the addition of thinner. Because of its resistance to micro-scratches (caused e.g. by car wash plants) and to chemicals, Mipa 2K-Klarlack CS 21 is particularly suitable for high-quality partial or complete paintworks on cars, motorcycles and commercial vehicles. Mipa 2K-Klarlack CS 21 is especially easy to apply and is perfectly suitable to overcoat waterborne basecoats. VOC-conform.

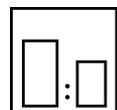
Spreading rate: 6,0 - 8,0 m²/l

Processing instructions



Colour

colourless



Mixing ratio

Hardener

Mipa SR 5 Scratch Resistant
Mipa SR 10 Scratch Resistant
Mipa SR 25 Scratch Resistant

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1
2 : 1
2 : 1



Hardener

for complete paintwork

Mipa SR 25 Scratch Resistant
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for partial paintwork

Mipa SR 5 Scratch Resistant (spot-repair)
Mipa SR 10 Scratch Resistant



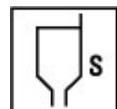
Pot life

0,5 h with Mipa SR 5 Scratch Resistant at 20 °C
1 h with Mipa SR 10 Scratch Resistant at 20 °C
4 h with Mipa SR 25 Scratch Resistant at 20 °C



Thinner

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Spray viscosity

ready to spray after the addition of hardener

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)

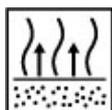
1,2 - 1,3
1,2 - 1,3
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spray passes

1 - 2
1 - 2
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Thinner

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Flash-off time

5 - 10 min between the coats
 10 - 15 min before oven drying

Dry coat thickness

40 - 50 µm



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
20 °C	25 - 30 min	6 - 8 h	24 h	--	--
60 °C	--	30 min	1 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/e): 840 g/l
 This product contains max. 580 g/l of VOC.

Processing conditions: From +10 °C and up to 80 % relative air humidity. Ensure an adequate air ventilation.

Processing instructions: --