Mipa 2K-HS-Klarlack CS 85

Technical data sheet

Intended use

Mipa 2K-HS-Klarlack CS 85 is a scratch-resistant two-component HS acrylic clearcoat based on Reflow technology. Because of its resistance to micro-scratches (caused e.g. by car wash plants) and to chemicals, Mipa 2K-HS-Klarlack CS 85 is particularly suitable for high-quality partial or complete paintworks on cars, motorcycles and commercial vehicles. Mipa 2K-HS-Klarlack CS 85 can be applied as topcoat on water-based or solvent-based basecoats and is VOC-conform.

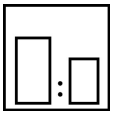
Spreading rate: 6,0 - 8,0 m²/l

Processing instructions



Colour

colourless



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
Mipa 2K-HS-Härter	--	2 : 1



Hardener

for complete paintwork	for partial paintwork
Mipa 2K-HS-Härter HS 25	Mipa 2K-HS-Härter HS 10
Mipa 2K-HS-Härter HS 35	--



Pot life

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

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

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



Thinner

Mipa 2K-Verdünnung kurz V 10

Mipa 2K-Verdünnung normal V 25

Mipa 2K-Verdünnung lang V 40



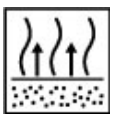
Spray viscosity

gravity spray gun	Airmix/Airless
18 - 20 s 4 mm DIN	--



Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
gravity spray gun (high pressure)	--	2 - 2,5	1,2 - 1,3	1 - 2	15 - 20
HVLP (low pressure)	--	2 - 2,2	1,2 - 1,3	1 - 2	15 - 20
HVLP / internal nozzle pressure	--	0,7	--	--	--



Flash-off time

5 - 10 min between the coats

10 - 15 min before oven drying

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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. 565 g/l of VOC.

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

Processing instructions: --

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