Mipa 2K-HS-Klarlack CC 14 Thix

Technical data sheet

Intended use

Mipa 2K-HS-Klarlack CC 14 Thix is a thixotropic, VOC-compliant High-Solid acrylic clearcoat for partial or complete coating of passenger cars and commercial vehicles and provides particularly high vertical stability and resistance to boiling when applied in thick layers. Mipa 2K-HS-Klarlack CC 14 Thix offers a brilliant finish and optimum flow on solvent-based or water-based basecoats. Thanks to its special formulation, Mipa 2K-HS-Klarlack CC 14 Thix generally guarantees improved process reliability compared to standard HS clearcoats.

On the one hand, there is very high vertical stability even at high processing temperatures. This effectively minimises the risk of coating defects due to runners when applied in thick layers.

On the other hand, Mipa 2K-HS-Klarlack CC 14 Thix is highly resistant to boiling. Therefore, coating horizontal surfaces such as roofs, front hoods, etc. is possible without any problems even when applied in very thick layers. This advantage also takes effect at high processing temperatures, as an increased tendency to boiling and sagging is to be expected here.

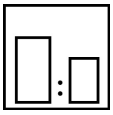
Mipa 2K-HS-Klarlack CC 14 Thix can be optimally polished immediately after forced drying and is highly resistant to all climatic conditions as well as to chemical agents and mechanical stress. Ready for use after mixing with the hardener.

Spreading rate: 10,0 - 12,0 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

50 min with Mipa 2K-HS-Härter HS 10 at 20 °C

70 - 90 min with Mipa 2K-HS-Härter HS 25 at 20 °C

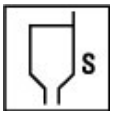
70 - 90 min with Mipa 2K-HS-Härter HS 35 at 20 °C

Thinner

Mipa 2K-Verdünnung kurz V 10

Mipa 2K-Verdünnung normal V 25

Mipa 2K-Verdünnung lang V 40



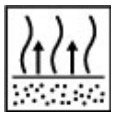
Spray viscosity

gravity spray gun	Airmix/Airless
20 - 24 s 4 mm DIN	--

MIPA SE · Am Oberen Moos 1 · D-84051 Essenbach · Tel.: +49 8703 92 20 · Fax: +49 8703 92 21 00 · mipa@mipa-paints.com · www.mipa-paints.com

Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
gravity spray gun (high pressure)	--	2 - 2,5	1,2 - 1,3	1,5	0 - 5
HVLP (low pressure)	--	2 - 2,2	1,2 - 1,3	1,5	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	15 - 25 min	6 - 7 h	24 h	--	--
60 °C	--	30 min	2 h	--	--
Infrared drying shortwave	--	8 min	--	--	--
Infrared drying mediumwave	--	10 - 15 min	--	--	--

Note

Storage: for 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.

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