

### Intended use

Mipa 2K-HS-Express-Klarlack ECX 21 is a VOC-compliant clearcoat using renewable raw materials. Suitable for the complete and partial painting of cars and commercial vehicles with particularly brilliant clearcoat leveling and optimum levelling on solvent and water-based paints.

The proportion of renewable raw materials in the ready-to-spray mixture is 40 % when used with Mipa 2K-HS-Härter EHS 25.

After drying for 15 minutes at 60 °C or alternatively 25 minutes at 40 °C, the painted parts can be polished after cooling.

Mipa 2K-HS-Express-Klarlack ECX 21 is highly resistant to all weathering, chemical and mechanical stresses. Also suitable as a protective coating for neon colours (fluorescent colours).

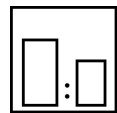
Spreading rate: 10 - 12 m<sup>2</sup>/l (at 50 - 60 µm TSD)

### Processing instructions



#### Colour

colourless



#### Mixing ratio

##### Hardener

Mipa 2K-HS-Härter EHS 25

by weight (lacquer : hardener)

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by volume (lacquer : hardener)

2 : 1



#### Hardener

##### for complete paintwork

Mipa 2K-HS-Härter EHS 25

##### for partial paintwork

Mipa 2K-HS-Härter EHS 25



#### Pot life

70 - 80 min with Mipa 2K-HS-Härter EHS 25 at 20 °C



#### Thinner

ready for use after adding the hardener

Mipa 2K Verdünnung normal V 25 if required



#### Spray viscosity

##### gravity spray gun

17 - 19 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

2

2

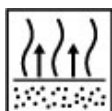
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##### dilution (%)

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### Flash-off time

5 - 7 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	20 - 25 min	1 - 2 h	6 - 8 h	--	--
60 °C	--	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 supply and exhaust air ventilation.

**Processing instructions:** --