

### Intended use

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

The proportion of renewable raw materials in the cured film is 40 % when used with Mipa 2K-HS-Härter EHS 25 NR.

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 NR is highly resistant to all weathering, chemical and mechanical stresses. Also suitable as a protective coating for neon colours (fluorescent colours).

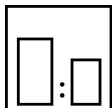
Spreading rate: 10 - 12 m<sup>2</sup>/l (at 50 - 60 µm TSD)

### Processing instructions



#### Colour

colourless



#### Mixing ratio

##### Hardener

Mipa 2K-HS-Härter EHS 25 NR

by weight (lacquer : hardener)

--

by volume (lacquer : hardener)

2 : 1



#### Hardener

##### for complete paintwork

Mipa 2K-HS-Härter EHS 25 NR

##### for partial paintwork

Mipa 2K-HS-Härter EHS 25 NR



#### Pot life

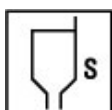
70 - 80 min with Mipa 2K-HS-Härter EHS 25 NR at 20 °C



#### Thinner

ready for use after adding the hardener

Mipa 2K Verdünnung V 25 if required



#### Spray viscosity

##### gravity spray gun

17 - 19 s 4 mm DIN

##### Airmix/Airless

--



#### Application mode

##### Application mode

gravity spray gun (high pressure)

HVLP (low pressure)

HVLP/ internal nozzle pressure

##### Hardener

--

--

--

##### pressure (bar)

2 - 2,5

2 - 2,2

0,7

##### nozzle (mm)

1,2 - 1,3

1,2 - 1,3

--

##### spray passes

2

2

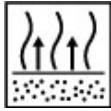
--

##### Thinner

--

--

--



### 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:** Observe an intermediate flash-off time of approx. 15 minutes.