

# 2K Clear VOC CC.25 HS/AS

2K Clear coat

V02  
02/2026

## Description

- 2K HS acrylic lacquer

## Area of application

- This clear coat is for industrial applications with high scratch resistance.

## Benefits

- Particularly user-friendly
- Very high gloss level
- Excellent flow properties on vertical surfaces
- Suitable for all types of repairs
- High scratch resistance

## Product Data

### Material data

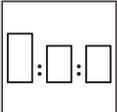
Colour shade, clear coat:	colourless
Colour shade, hardener (Standard and Fast):	colourless / slightly yellowish
V.O.C.:	2004/42/II B(e)(840) < 840 g/l
Shelf life:	12 months in unopened packaging at 20°C
Density, clear coat at 20°C:	0.98 – 0.99 g/cm <sup>3</sup>
Density, hardener at 20°C:	0.96 – 0.98 g/cm <sup>3</sup>
Theoretical efficiency standard:	7–9 m <sup>2</sup> /l

## Handling

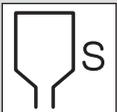
For use on solvent-based or water-based base coats. It is strongly recommended to work within the system. When using non-system thinners or hardeners, drying and adhesion issues cannot be ruled out.

Measure out the clear coat and hardener mixture by volume (2:1), then mix thoroughly. Apply in two coats using a spray gun with a 1.3 mm nozzle diameter, allowing a flash-off time of 5–7 minutes so that solvents can evaporate before applying the next coat.

### MIXING RATIO

			by volume	by weight
	<b>2K Clear VOC CC.25 HS/AS</b>		2	100 g
<b>Hardener 2K Clear VOC CC.25 HS/AS</b>		1	49 g	

### SPRAYING VISCOSITY

		
<b>DIN cup 4mm bei 20°C</b>		14 - 16 seconds

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APPLICATION			
	<b>Spray gun gravity feed</b>	<b>Nozzle size / pressure</b>	
		Nozzle size: 1,3mm Air pressure: Please pay attention to operating pressure recommendations of the manufacturer.	
	<b>Application</b>	<b>spraying operations</b>	
		Apply 2 even coats, each with a recommended wet film thickness of approx. 60 µm.	
	<b>Pot life at 20°C</b>	120 min	
	<b>Flash off</b>	5 - 7 minutes between coats 10 minutes before baking	
	<b>Dry coat thickness</b>	50 - 60 µm	
	<b>Process conditions</b>	Temperature 18 - 22°C Relative air humidity 40 - 60%	
	<b>Object temperature</b>	<b>20°C</b>	<b>60°C</b>
	<b>Hardener Standard</b> <b>Hardener Fast</b>	polishable after 9-10 h polishable after 7-8 h	polishable after 30 min polishable after 20 min
	<b>IR Drying</b>	10 - 15 min. Follow the recommendations of the IR lamp manufacturer. Keep the flash-off time before drying	

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## Storage and transportation conditions

Protect from freezing, heat, sunlight and moisture. Store tightly closed in a dry, cool place. Recommended storage and transportation temperature range is: +10 to +30°C. Avoid extreme temperature fluctuation.

**Note:** The storage and transportation temperature must be not lower than +5°C. Acclimatize the product to room temperature naturally.



## Notice

Allow the product to reach the recommended application temperature naturally (avoid rapid heating/ cooling). It is not recommended to apply the product at a temperature below 18°C. Low application temperature changes the coating's properties and may impair the visual effect. Prior to application, the product temperature, spray booth temperature and object temperature should be adjusted to about 20°C.



## Safety issues

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

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