

TECHNICAL DATA SHEET

READY MIXED TOPCOAT

NOBEL A5000 ACRYLIC 2K

PRODUCT DESCRIPTION

NOBEL A5000 ACRYLIC 2K is a 2K acrylic ready mixed topcoat for repainting passenger cars and commercial vehicles. Nobel Acrylic delivers 2K acrylic-urethane direct gloss topcoats having high gloss, excellent durability, and excellent coverage.

Uses

- Suitable for use in all vehicle refinishing processes.
- Provides protection and glossy appearance.

product features

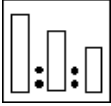
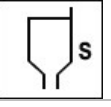
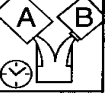


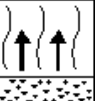


- Precise color matching on the car.
- Higher coverage rate.
- Available in 28 acrylic colors.
- Car color updates until 2024.
- Color formulation behind the color catalog.

Substrate and surface preparation

Nobel 2K topcoats should be applied over properly prepared Nobel 2K fillers, sanding before applying Nobel acrylic, use paper grit P400 dry or P800 wet.



Application

	Mixing ratio by Volume:			
	Nobel 2K acrylic Ready Mixed Thinners: 100%	Nobel MS Hardeners 50%	Nobel 2K 30%	
	Application viscosity: 16-18 s (DIN4/20°C)			
	Pot life: 4 h at 20°C			
	Spray gun tips:			
		Spray Nozzle	Inlet pressure	Atomization pressure
	Compliant	1.2-1.3mm	2 bars (26- 29 psi)	
	HVLP	1.2-1.3mm	2 bars (26- 29 psi)	0.7bar (8-10 psi)
Conventional	1.2-1.3mm	3-3.5 bar (45-50 psi)		
For best overall results, refer to the spray gun manufacturer's recommendation.				
	Number of coats: Apply 2 normal coats (to get opacity). Recommended total dry film thickness is 40-50 microns.			
	Flash off time: Between coats: 4-7 min			
	Drying time: 12 h/20°C 30 min/60°C			
	IR Drying Short wave*: 8-10 min *Guideline for IR equipment. Refer to the IR equipment manufacturer's instruction for sets up.			

color

Available in 28 acrylic colors

Rectification and polishing

- Nobel 5000 2K acrylic topcoat does not require polishing as it offers excellent gloss. In case some dirt has occurred, Deneb with P2000 or finer paper grit, and polish by machine using Nobel Polish Compound. Polishing is easiest up to 24 hours after the drying time

Shelf life

36 months in the original package, tightly closed at a temperature of 25 °C and away from direct sunlight and heat

Remarks

- Material has to be at room temperature (20-25°C) before use.
- Clean the spray gun thoroughly immediately after the use of 2K products.
- Allow additional time for preheating up to panel temperature.
- The choice of Reducer should be made according to the application temperature and size of the repair

Health and Safety

1. For full Health and Safety information please refer to the Material Safety Data Sheet.
2. Observe the precautionary notices displayed on the container.
3. Good ventilation must be provided in the working environment