

**NP ULTRA 8300 CRYSTAL 2K CLEAR**
*Updated MAR'23*

Two component acrylic urethane clear with good toughness, flexibility & mirror like reflective properties. This product is specially designed with excellent mar & scratch resistance & ability to re-flow after minor scratches. Providing excellent weathering durability & chemical resistance.

**Product Features:**

- Suitable for Full Car Respray
- Mirror like reflective properties & excellent gloss retention
- Good hardness & scratch resistance
- Re-flow properties after minor scratches
- Excellent chemical & UV resistance.

Paint Type	Product Type	Recommended Substrate	Pack Size
Solvent based	Automotive	Steel/ Galvanised Steel with NP 8000 series base coat	1L Litre base with 500ml hardener

**Mixing Ratio**

NP Ultra 8300 Crystal 2K Clear	: 2 parts
NP Ultra 830 Crystal 2K Hardener	: 1 part
NP Auto Refinish 2K Thinner	: 10-20%

**Technical Data**

	<b>Air dry at 30 °C – 35°C</b>	<b>Low bake setting at 60°C</b>
Drying Time	45-50 minutes	-
Dust Dry	4 hrs	30 minutes
Dry To Handle	8 hrs	1 hrs after cooldown
Dry To Polish		
Between Coats	: 5-10 minutes at 30°C	
Dry Film Thickness	: 40-60 µm	
No. of Coats	: 1.5-2 coats	
Polishing	: Dust and minor imperfections can be polished out after 8 hours air-dry times or after a one hour cool down time following the full bake at 60°C temperature. Carefully sand out dust particles and restore the surface according polishing recommendations.	
Theoretical Coverage	: 9.1m <sup>2</sup> /litre RTS mixture at 40-60 µm	
Notes	: <i>The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.</i>	
Shelf Life	:	
	NP Ultra 8300 Crystal 2K Clear	4 years
	NP Ultra 830 Crystal 2K Hardener	2 years
	NP Auto Refinish 2K Thinner	2 years
	: <i>Minimum storage temperature: 5°C (41°F), Maximum storage temperature: 35°C (95°F)</i>	
Pot Life after mix @ 30°C	: 4 hours	
Solvent Content	: The VOC content of this product in ready to use form is max 551 g/litre	

**Application Method**

Spraying Recommendation	: <b>Spray-gun type</b>	<b>Nozzle size</b>	<b>Application pressure</b>
	LVP Gravity	1.3-1.4 mm	1.7-2.2 bar at the spray gun air inlet
	HVLP Gravity	1.3-1.4 mm	(HVLP: max 0.6-0.7 bar at the air cap)
Spraying Viscosity @ 30°C	: 14-16 sec (Ford#4 Cup)		
	: 10-12 sec (Iwata NK#2 Cup)		

**Surface Preparation**

All surfaces must be clean and dry. Apply primer (optional) followed by Nax Premila 8000 series basecoat, followed by NP Ultra 8300 Crystal 2K Clear

**Polishing**

Dust and minor imperfections can be polished out after 8 hours air-dry times or after a one hour cool down time following the full bake at 60°C temperature. Carefully sand out dust particles and restore the surface according polishing recommendations.

**Cleaning**

Clean up equipment with solvent borne gun cleaners.

**Safety Precautions**

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good Ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose of any paint waste in accordance with the appropriate Environment Quality Regulations.