

NP 9100 2K CLEAR 2:1
Updated June'21


Two component acrylic urethane clear. Provides good gloss and protection over different types of basecoats. Ideal clear coat for full car refinish process.

Product Features:

- Suitable for Full Car Respray
- Smooth Appearance with Good Gloss Retention
- Good Chemical and UV Resistance

Paint Type	Product Type	Recommended Substrate	Pack Size
Solvent based	Automotive	Steel/ Galvanised Steel with NP 8000 series base coat	0.8L Litre base with 400 ml hardener

Mixing Ratio

NP 9100 2K Clear 2:1	: 2 parts
NP 100 2K Hardener	: 1 part
Thinner	
Standard - NP 507 Thinner	: 5-10%
Slow Dry - NP 503 SD Thinner	: 5-10%

Technical Data

Drying Time	<table border="1"> <thead> <tr> <th>Air dry at 30 °C – 35°C</th> <th>Low bake setting at 60°C</th> <th>Infra Red @ 140°C</th> </tr> </thead> <tbody> <tr> <td>15 minutes</td> <td>-</td> <td>4 + 8 minutes</td> </tr> <tr> <td>2 hrs</td> <td>30 minutes</td> <td>4 + 8 minutes</td> </tr> <tr> <td>6 hrs</td> <td>1 hrs after cooldown</td> <td>4 + 8 minutes</td> </tr> </tbody> </table>			Air dry at 30 °C – 35°C	Low bake setting at 60°C	Infra Red @ 140°C	15 minutes	-	4 + 8 minutes	2 hrs	30 minutes	4 + 8 minutes	6 hrs	1 hrs after cooldown	4 + 8 minutes
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15 minutes	-	4 + 8 minutes													
2 hrs	30 minutes	4 + 8 minutes													
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Dust Dry															
Dry To Handle															
Dry To Polish															
Between Coats	: 5-10 minutes at 30°C														
Dry Film Thickness	: 40-60 µm														
No. of Coats	: 2-3 coats														
Polishing	: Dust and minor imperfections can be polished out after 6 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	: 7.6 m ² /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 9100 2K Clear 2:1	4 years													
	NP 100 2K Hardener	2 years													
	NP 507 Thinner / NP 503 SD 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 594 g/litre														

Application Method

Spraying Recommendation	: Spray-gun type	Nozzle size	Application pressure
	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 metallic paint, followed by NP 9100 2K Clear 2:1.

Polishing

Dust and minor imperfections can be polished out after 6 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.