

NP 9700 HS 2K CLEAR 2:1
Updated June'21


High solid two component acrylic urethane clear. Provides excellent gloss and protection over basecoats. Ideal clear coat from spot repair to whole car spray, providing excellent chemical resistance and UV protection.

Product Features:

- Suitable for Full Car Respray
- High Solid, High Build and Excellent Gloss Retention
- Oily & Wet Look Appearance
- Excellent Chemical and UV Resistance
- Good Hardness

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 9700 High Solid 2K Clear 2:1	: 2 parts
NP 700 HS 2K Hardener	: 1 part
Thinner	
Standard - NP 507 Thinner	: 10-15%
Slow Dry - NP 503 SD Thinner	: 10-15%

Technical Data

	Air dry at 30 °C – 35°C	Low bake setting at 60°C	Infra Red @ 140°C
Drying Time			
Dust Dry	20 - 25 minutes	-	4 + 8 minutes
Dry To Handle	3 hrs	30 minutes	4 + 8 minutes
Dry To Polish	8 hrs	1 hrs after cooldown	4 + 8 minutes
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 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	: 9.4m 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 9700 High Solid 2K Clear 2:1	4 years	
	NP 700 HS 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 487 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 9700 High Solid 2K Clear 2:1.

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.