

NAX PREMILA 9905 MIRROR IMAGE CLEAR 2K 2:1
Updated Jun'18

Innovative high solid automotive finish with incorporation of CyGlaz Technology to integrate superb toughness, high flexibility and excellent chemical resistance. The product is specially designed to exhibit excellent mar and scratch resistance to withstand day to day wear and tear e.g. car wash, acid rain, bird droppings etc., to ensure longer lasting beautiful look.

Product Features:

- Superb scratch resistance
- Outstanding chemical resistance (bird dropping, acid rain resistance and gasoline spill)
- Mirror like reflective properties and lon

Paint Type	Product Type	Recommended Substrate	Pack Size
Solvent based	Automotive	Nax Premila 8000 series base coat	1L Litre base with 500ml hardener

Mixing Ratio

Nax Premila 9905 Mirror Image Clear 2K 2:1	: 2 parts
Nax Premila 905 2K Hardener	: 1 part
Nax Premila 503 SD Thinner	: 0-5%

Technical Data

Drying Time	: 20°C(70°F)	30°C(86°F)	40°C(100°F)	60°C(140°F)	Infra Red
Dust Dry	:90 minutes	45 minutes	30 minutes	n/a	-
Dry To Handle	:10 hours	5 hours	3 hours	45 minutes	4+8 minutes
				(2 hours after cooldown)	
Dry To Polish	: 10 hours	5 hours	4 hours	-	-

Notes

:Indicated drying times are panel temperatures. Oven temperature should be set 10 °C higher

Allow 10 minutes flash off prior to Infra-Red drying.

The panel must not reach a temperature above 100°C (210°F) while curing.

Following the drying cycle at 60°C (140°F) object temperature, allow product to completely cool down to ambient temperature.

Using fast hardener at high temperatures can decrease the gloss

Between Coats :10-15 minutes at 20°C, 70°F

Dry Film Thickness : 40-60 µm

No. of Coats : 1½ -2 coats (20-30 µm per coat)

Polishing :Dust and minor imperfections can be polished out after indicated air-dry times or after 2 hours cool down time following the full bake at 60°C object temperature. Carefully sand out dust particles and restore the surface according polishing recommendations.

- Carefully de-nib using P1500 or finer with soap and water; blow air & dry the sanded area
- Machine sanding with P3000 is recommended to avoid sanding marks & minimize orange peel effect (use of soft interface pad is recommended at speed ~ 1500 rpm)
- Compound using Fast cut compounding paste with a wool compounding pad and an air or electric buffer at 1400 to 2000 rpm.
- Polish using standard fine polishing paste with a foam polishing pad and an air or electric buffer at 1400 to 2000 rpm (reduce pressure as polish begins to dry and buff to a high gloss).
- Remove any remaining residue using Detailing Cloth.

Notes	<p>:Recommended 3M™ Finesse-it™ SRC for better results (especially if the polishing process is being carried out after 48 hours). Polishing preferably needs to be carried out within 48 hours as longer waiting time will results in increased hardness of the paint film thereby making polishing harder as well. Polishing can be done mechanically (preferable) or manually. Nax Crystal 9905 Mirror Image Clear is a hard & scratch resistant clear coat and so to get excellent results especially for gloss restoration, polishing needs to be done as per the recommended procedure especially if it done after longer curing time after application of the clear coat.</p>
Theoretical Coverage	: 6m ² /liter RTS mixture at 40-60 μm
Notes	: The practical material usage depends on many factors i.e. shape of the object, roughness of the surface, application techniques, pressure and application circumstances.
Shelf Life	<p>: Nax Premila 9905 Mirror Image Clear 2:1 4 years Nax Premila 905 2K Hardener 2 years Nax Premila 503 SD Thinner 2 years Minimum storage temperature:5°C (41°F),Maximum storage temperature:35°C (95°F)</p>
Pot Life	<p>: 20°C(70°F) 30°C(86°F) 40°C(100°F) 3 hours 2 hours 1 ½ hours</p>
Solvent Content	:The VOC content of this product in ready to use form is max 747 g/liter

Application Method

Spraying	<p>: Spray-gun type Nozzle size Application pressure LVLP 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)</p>
Viscosity (F# 4 cup)	:15-17s ,30°C

Surface Preparation

All surfaces must be clean and dry. Apply primer (optional) followed by Nax Premila 8000 series metallic paint, followed by Nax 9905 Mirror Image Clear 2K.

Cleaning

Clean up equipment with solvent borne guncleaners

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 off any paint waste in accordance with the appropriate Environment Quality Regulations.