

Description

nax Pro LV7200 X'press Clear is a two component fast curing clearcoat with an increased scratch resistance. Provides a fast curing, high gloss, good protection against weathering. Recommended for fast repairs in combination with water or solvent borne basecoat.

Suitable Substrates

nax Premila 8000 series base coat (solvent-borne) nax E³ WB basecoat (water-borne)

	2	nax Pro LV7200 X'press Clear
	1	nax Pro LV720 Hardener
	10-20%	nax Pro LV5000 Thinners

	Spray-gun setup:	Application Pressure:
	Gravity fed 1.2-1.3 mm	1.7-2.2 bar 28-30 psi At spray-gun air inlet HVLP max 0.6-0.7 bar (8-10 psi) at the air cap

	2 coats		40-50 μm 2 coats
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	Between coats:	Before 60°C (140°F) baking:
	3 - 5 minutes at 20°C 70°F	3 - 5 minutes at 20°C 70°F

	Drying	20°C (70°F)	30°C (86°F)	40°C (100°F)	60°C (140°F)	Infra-Red
	Dust dry	15 min	10 min	5 min	n/a	n/a
	Dry to handle	8 hours	4 hours	3 hours	20 min	5+10 min
	Dry to polish	8 hours	4 hours	3 hours	1hr after cool down	5+10 min

	2004/42/IIb(e)(840)620	
	▶ The EU limit value for this product (product category: IIB.e) in ready to use form is max	840 g/liter
	▶ The VOC content of this product in ready to use form is maximum	620

	Use suitable respiratory protection
	Nippon Paint Automotive Refinishes recommends the use of fresh air supply respirator.

For detailed information read entire TDS

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Notes: *Follow recommended flash off and re-coating time of the basecoat.*

Product and Additives

Product	nax Pro LV7200 X'press Clear	
Hardener	nax Pro LV720 Hardener	15-35°C
Reducers	nax Pro LV5000 Thinner Fast	15-20°C
	nax Pro LV5000 Thinner Medium	20-25°C
	nax Pro LV5000 Thinner Slow	30-40°C
	nax Pro LV5101 Topcoat Blending Thinner Spray	
	nax Topcoat Blending Thinner	
Additives	nax Pro LV 4000 Accelerator	
	nax Pro LV 4200 Flexible Additive	

Basic Raw Materials

nax Pro LV7200 Xpress Clear	Acrylic resins
nax Pro LV720 Hardener	Poly-isocyanate resin
nax Pro LV5000 Thinners	Blend of solvents

Mixing

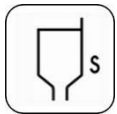


2	nax Pro LV7200 Xpress Clearcoat
1	nax Pro LV720 Hardener
10-20%	nax Pro LV 5000 Thinners

Thinner selection			
Job size	15-20°C	20-25°C	25-35°C
1-2 panels/spot	Fast	Medium	Slow
3 panels	Fast/Med.	Med./Slow	Slow

Notes: *Stir after each added component*

Viscosity (DIN 4 Cup)



	20°C (70°F)	30°C (86°F)	40°C (100°F)
_____	17-18 sec	14-17 sec	13-14 sec

Pot Life



	20°C (70°F)	30°C (86°F)	40°C (100°F)
_____	30 Min	20 min	15 min

Spray gun set-up / application pressure



Spray-gun type	Spray-gun type	Nozzle size	Application pressure
▶ LVLP	Gravity	1.2-1.4 mm	1.7-2.2 bar at the spray gun air inlet
▶ HVLP	Gravity	1.2-1.4 mm	(HVLP: max 0.6-0.7 bar at the air cap)

Application

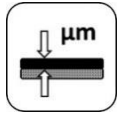


Standard Application

- ▶ Apply one medium coat, then allow to flash for 3-5 minutes.
- ▶ Apply the 2nd and if required a 3rd wet coats allowing 3-5 minutes between coats.

Notes: Flash-off time depends on ambient temperature, applied layer thickness and airflow.

Film thickness



2 coats application	Using the recommended application technique	40-50 μm
3 coats application	Using the recommended application technique	60-75 μm

Drying time



	20°C(70°F)	30°C(86°F)	40°C(100°F)	60°C(140°F)	Infra-Red
Dust dry	15 min.	10 min	5 min	n/a	n/a
Dry to handle and polish	8 hours	4 hours	2 hour	20 min.	4+8 min.

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.

Polishing



Following the recommended ambient drying or after the one hour cool down time following the full bake at 60°C object temperature, carefully sand out dust particles and restore the surface according polishing recommendations.

Notes:

Coverage

By using the recommended application, the theoretical material coverage is:

- ▶ ±7.5 m²/liter RTS mixture at 40-50 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.

Equipment cleaning

Solvent borne guncleaners

Solvent Content



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Shelflife



nax Pro LV7200 X'press Clear

nax Pro LV720 Hardener

nax Pro LV5000 Thinners

Minimum storage temperature:	5°C (41°F)	Maximum storage temperature:	35°C (95°F)
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Notes: Avoid extreme temperature fluctuation.

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Professional use only

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