nax 2600 2K Premium Primer

Australia & New Zealand

LAR.04.011. 140917

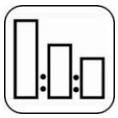
PROFESSIONAL USE ONLY

Description

Premium quality, high build multi grey shade fast drying, 2K sanding primer filler with excellent application and sanding properties. Due to its fast ambient drying, it helps to reduce process time. Provides exceptional enamel hold-out with all Nippon Paint nax topcoats. Due to its versatility, it can be used for spot, block and overall repair.

Suitable Substrates

Existing finishes	Glass reinforced laminates	nax polyester bodyfillers & putties
Steel	nax plastic primers	nax etching Primer
OEM Electro-coat	nax epoxy primers	

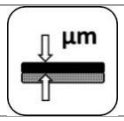


4 nax 2600 2K Premium Primer
1 nax 260 2K Premium Primer Hardeners
1-2 nax Premila Thinners

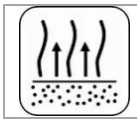
Spray-gun setup:
Gravity fed | 1.4 - 1.8 mm

Application Pressure:
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 - 3 coats



50-60 µm /coat (4:1:1)
40-50 µm /coat (4:1:2)



Between coats:
3 - 8 minutes at | 20°C | 70°F

Before 60°C (140°F) baking:
5 - 10 minutes at | 20°C | 70°F

Dry to sand

20°C (70°F)	30°C (86°F)	40°C (100°F)	60°C (140°F)	Infra-Red
2 hours	1½ hours	1½ hours	30 minutes	4+8 minutes

Final dry sanding:
P400- P500

Final wet sanding:
P800-P1000

Re – coating
With itself and all nax Premila primers, primer fillers and surfacers
With nax E-Cube WB Basecoat, nax Premila 8000 Basecoat and nax Premila 7000 2K Solid Topcoat

nax 2600 2K Premium Primer	2 years
nax 260 2K Premium Primer Hardeners	2 years
nax Premila Thinners	2 years

- The VOC content of this product in ready to use form is maximum 636 g/liter

Use suitable respiratory protection

Nippon Paint Automotive Refinishes recommends the use of fresh air supply respirator.

For detailed information read entire TDS

Description

Premium quality, multi grey shade fast drying, 2K sanding primer filler with excellent application and sanding properties. Due to its fast ambient drying, it helps to reduce process time and provides exceptional enamel hold-out with all Nippon Paint nax topcoats. Due to its versatility, it can be used for spot, block and overall repair.

Suitable Substrates

Existing finishes	OEM Electro-coat (ED)	nax PP Primer
Steel	Glass reinforced laminates	nax polyester bodyfillers & putties
	nax 1200 Etch Primer	nax epoxy primers

Notes: *In the following cases the use etch primer is advised:*

a. When the system is required to meet the highest quality standard

b. Repairs that requires an extensive primer surface application, such as complete panel

Product and Additives

Product	nax 2600 2K Premium Primer	Acrylic resin	**Temperature range**
Hardeners	nax 260 2K Premium Primer Hardener	Poly-isocyanate resin	20-35°C
	nax Premila 260 2K Slow Hardener	Poly-isocyanate resin	Above 35°C
Thinners	nax Premila 10 Fast Thinner (aka 502)	Blend of solvents	5-20°C
	nax Premila 20 Medium Thinner (aka 500)	Blend of solvents	20-35°C
	nax Premila 30 Slow Thinner (aka 501)	Blend of solvents	35-45°C
	nax Premila 40 Extra Slow Thinner (aka 503)	Blend of solvents	35-50°C
Additives	nax Softener		

Surface preparation

- Prior to any surface preparation, degrease the repair area using nax solventborne degreaser.
- Use clean quality rags or wiping towels, one for wetting and one for drying the surface.
- Apply sufficient degreaser to keep the surface wet and wipe degreaser off before it can evaporate.

Removal of existing finish and initial sanding of polyester bodyfiller/putty	P120
Feather edge before polyester/putty and finish, sanding for complete panel priming	P220
Feather edge and final step before spraying primer/surfacer for spot repairs	P320
OEM electro (ED) coated parts:	P320

- Prior to primer surfacer application degrease the application area using nax solventborne degreaser.
- Use clean quality rags or wiping towels, one for wetting and one for drying the surface.
- Apply sufficient degreaser to keep the surface wet and wipe degreaser off before it can evaporate.

Notes: *Respect 100 grit maximum jump in dry sanding steps.*

Grey Shades (by volume)

Shades	Impression	Name	White (S1)	Grey (S4)	Black (S7)
S1		White	100	-	-
S2		Extra Light Grey	90	-	10
S3		Light Grey	70	-	30
S4		Medium Grey	50	*	50
S5		Dark Grey	30	-	70
S6		Extra Dark Grey	10	-	90
S7		Black	-	-	100

Notes: *Stir well after adding the different tones together*

**nax 2600 2K Premium Primer Grey (S4) is similar to shade S4 and can be used as a standalone quick Grey solution.*

Flexible Parts

Type of Plastic	Primer Surfacer	Softener	Mixture	Hardener	Thinner
Flexible/Soft	100	5%	4	1	1-2
Soft	100	10%	4	1	1-2

Notes: *Hard plastic requires no softener. Stir well after adding the additive*

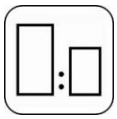
Mixing

Mixing Machine

For best performance, stir primer on mixing machine twice a day for 15 minutes

Product Mix

Stir well, after each added component.

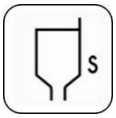


HB	MB	
4	4	nax 2600 Premium Primer
1	1	nax 260 2K Premium Primer Hardeners
1	2	nax Premila Thinners

Thinner Selection			
	5-20°C	20-35°C	≥ 35°C **
1-2 panels/spot	Fast	Medium	Slow
3-5 panels	Medium	medium	Slow
>5 panels	Slow	Slow	Slow

Notes: ***Use in combination with nax 260 2K Premium Primer Hardener Slow*
Stir after each added component

Viscosity (DIN 4 Cup)



	20°C(70°F)	30°C(86°F)	40°C(100°F)
▸ High Build	17-23 sec	19-23 sec	19-23 sec
▸ Medium Build	14-18 sec	14-18 sec	14-18 sec

Pot Life

	20°C(70°F)	30°C(86°F)	40°C(100°F)
▸ High build	40 min.	30 min.	20 min.
▸ Medium build	1½ hrs.	60 min.	30 min.

Spray gun set-up / application pressure

	Spray-gun type	Nozzle size	Application pressure
▸ High build	Gravity	1.6-1.8 mm	Max 0.6-0.7 bar at the air cap (1.7-2.2 at inlet)
▸ Med. build	Gravity	1.4-1.6 mm	1.7-2.2 bar at the spray gun air inlet

Application

		Number of coats
▸ High build	Depending on desired film build	2-3 coats
▸ Medium build	Depending on desired film build	2-3 coats

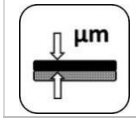
- ▸ Apply one medium coat over the sanded repair area, then allow to flash for 5-7 minutes
- ▸ Apply the 2nd and 3rd wet coat within each previous coats allowing 5-7 min. between coats.

Notes: *Allow each coat to flash-off naturally until the surface is completely matt, Do not force-dry by air support. Proper flash off helps achieving higher film build. Flash-off time depends on ambient temperature, applied layer thickness and airflow. For maximum build use large fluid tip and lower the application pressure.*

Drying time

	20°C(70°F)	30°C(86°F)	40°C(100°F)	60°C (140°F)	IR Drying
▸ Dust dry	10 min.	5 min.	5 min.	-	n/a
▸ Dry to sand (Standard)	2 hours	1½ hours	1½ hours	30 min.	4+8 min
▸ Dry to sand (Flexible)	3 hours	2 hours	1 hour	30 min.	4+8 min

Film thickness



▸ High build	Using the recommended application technique	50-60 µm/coat
▸ Medium build	Using the recommended application technique	40-50 µm/coat

Finishing surface preparation

▸ Finishing dry sanding steps: 2K Topcoat / Basecoat	P400/P500
▸ Initial dry sanding step may be executed with a coarser grit:	P320
▸ For spot repair, finish the blending area with:	P500

▸ Finishing wet sanding steps: 2K Topcoat / Basecoat	P800/P1000
▸ Initial dry sanding step may be executed with a coarser grit:	P320
▸ Initial wet sanding step may be executed with a coarser grit: 2K Topcoat / Basecoat	P600/P800
▸ For spot repair, finish the blending area with:	P1000

- ▸ Prior to SB topcoat application degrease the surface using nax solventborne degreaser.
- ▸ Prior to WB basecoat application degrease the surface using nax E-Cube WB Degreaser.
- ▸ Use clean quality rags or wiping towels, one for wetting and one for drying.
- ▸ Apply sufficient degreaser to keep the surface wet and wipe degreaser off before it can evaporate.

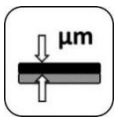
Notes: *Respect 100 grit maximum jump in dry sanding steps and 200 grit maximum jump in wet sanding steps.*

Re-coating

With itself and all nax Premila primers, primer fillers and surfacers
With nax E-Cube WB Basecoat, nax Premila 8000 Basecoat and nax Premila 7000 2K Solid Topcoat

Notes:

Coverage



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

8-12	m²/liter RTS mixture at	30-60µm
85-120	ft²/liter RTS mixture at	30-60µm

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

- ▸ The VOC content of this product in ready to use form is max 636 g/liter

Shelflife

nax 2600 2K Premium Primer		2 years	
nax 260 2K Premium Primer Hardeners		2 years	
nax Premila Thinners		2 years	
Minimum storage temperature:	5°C (41°F)	Maximum storage temperature:	35°C (95°F)

Notes: *Product shelf-life is determined when products are stored unopened at 20°C (70°F).Avoid extreme temperature fluctuation.*

NP Australia Coatings

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