Description

nax Pro LV 2000 Light Filling Putty is 2K multi substrate polyester putty designed to fill dents and surface irregularities in collision repair. Variable hardener ratio to adopt application time or temperature. Provides easy application from small to large repair areas and easy workability and sanding for the user. Suitable for common metal substrates used on passenger cars.

Suitable Substrates

Steel, aluminum and galvanized	OEM Electro-coat (sanded)	nax epoxy primers
Polyester laminates	Existing finishes	Plastics (except pure PP, PE)

100 nax Pro LV2000 Light Filling putty
2-3% nax Hardener for Polyester

1 – 3 coats (without sanding between coats)

5-8 minutes application time at 20°C

5 mm (max) after sanding

Between coats:
10 minutes at | 20°C | 70°F

Before IR drying:
5 minutes at | 20°C | 70°F

Dry to sand

20°C (70°F)	30°C (86°F)	40°C (100°F)	Infra-Red
25-30 min	20-25 min	15-20 min	4+6 minutes

Dry sanding by block:
P120- P220

Dry sanding by machine
P120 – P220

Re coating:
With itself or a finer polyester nax Pro bodyfiller/putty or nax Spot Filler
With all nax Pro LV and Premilla primers, fillers and surfacers

VOC

2004/42/IIB(b)(250)90

- The EU limit value for this product (product category: IIB.b) in ready to use form is max 250 g/liter
- The VOC content of this product in ready to use form is maximum 90

Use suitable respiratory protection

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

For detailed information read entire TDS

Description

nax Pro LV2000 Light Filling Putty is 2K multi substrate polyester putty designed to fill dents and surface irregularities in collision repair. Variable hardener ratio to adopt application time or temperature. Provides easy application from small to large repair areas and easy workability and sanding for the user. Suitable for common metal substrates used on passenger cars.

Suitable Substrates

Steel, galvanized steel, aluminum	OEM Electro-coat (sanded)	nax epoxy primers
Polyester laminates	Existing finish	Plastic (except pure PP, PE)

Product and Additives

Product	nax Pro LV2000 Light Filling Putty	unsaturated polyester resin
Hardeners	nax Hardener for Polyester	peroxide

Initial Surface preparation

- Prior to any surface preparation, degrease the repair area using nax Pro LV100 Universal 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.
- Wipe degreaser off before it can evaporate.

▸ Remove of existing finish till bare substrate	P120
▸ Feather edge before polyester body filler / putty application	P220
▸ In case of single large repair area initial sanding prior to P120 can be performed with	P80

- Prior to polyester bodyfiller application degrease the area using nax solvent borne 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.*

Mixing

- **Product Mix**

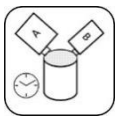
For best performance mix up newly opened can and keep lid closed after use

- **Mix By Weight**

Adding to low or to high amount of hardener will negatively affect product performance

Mixing ratio	Product
100	nax Pro LV2000 Light Filling Putty
2-3	nax Hardener for Polyester

Pot Life



	20°C(70°F)	30°C(86°F)	40°C(100°F)
▸ 2% Hardener	6-8 min	5-6 min	3-4 min
▸ 3% Hardener	5-6 min	4-5 min	2-3 min

Notes:

Application

Maximum number of applied coats without sanding	3
The recommended maximum DFT after sanding	5mm
Apply as smooth as possible and scrape away the edges	

Notes: *Only apply polyester bodyfiller/putty over properly sanded and degreased bare metal.*
Repair system requiring the highest quality and corrosion protection bodyfiller/putty should be applied on epoxy primer
Polyester bodyfiller/putty must not be applied over acid containing primer (etch primer)

Drying time

	20°C(70°F)	**30°C(86°F)**	**40°C(100°F)**	**Infra Red**
Dry to sand	25-30 min	20-25 min	15-20 min	4+6 min

Final Sanding

- Initial block (dry) sanding of polyester bodyfiller/putty — P120
- Final block (dry) sanding of polyester bodyfiller/putty — P220

- Final machine (dry) sanding of polyester bodyfiller/putty — P220
- Feather edge and final sanding step before spraying primer/surfacer — P320
- Additional sanding step for spot repairs and soft coatings — P400

- Prior to primer surfacer application degrease the area using nax solvent borne 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.*
Use guide coat between sanding steps.
Do not wet-sand polyester bodyfiller/putty or use waterborne cleaner as it is very porous and will absorb and retain water.

Re-coating

With itself and after sanding, with a finer polyester nax Pro bodyfiller/putty or nax Spot Filler
With all nax Pro LV and Premilla primers, fillers and surfacers

Equipment cleaning

Solvent borne gun cleaners or nitrocellulose thinners

Solvent Content

2004/42/IIB(b)(250)90

The EU limit value for this product (product category: IIB.b) in ready to use form is max	250	g/liter
The VOC content of this product in ready to use form is maximum	90	g/liter

Shelflife

nax Pro LV2000 Light Filling Putty			
nax Hardener for Polyester			
Minimum storage temperature:	5°C (41°F)	Maximum storage temperature:	35°C (95°F)

Notes: *Avoid extreme temperature fluctuation.*

OAR.02.010. 300517
Professional Use Only