

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 Polyester laminates	OEM Electro-coat (sanded) Existing finishes	nax epoxy primers 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) 25-30 min	30°C (86°F) 20-25 min	40°C (100°F) 15-20 min	Infra-Red 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
--	---

	2004/42/II(b)(25)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 Polyester laminates	OEM Electro-coat (sanded) Existing finish	nax epoxy primers 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.*

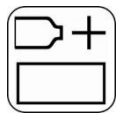
Mixing



- ▶ **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



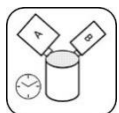
Mixing ratio

100
2-3

Product

nax Pro LV2000 Light Filling Putty
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

Brand names and Logos mentioned in this data sheet are trademarks of or are licensed to NIPPON PAINT.

This product is for professional use only and not for sale to or use by the general public. Before using, read and follow all label and SDS precautions. The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. In view of the many factors that may affect processing and application of our products, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, or as a warranty, nor the suitability of the products for a specific purpose. Standard drying times quoted are average times at 20°C/68°F. Film thickness, humidity and shop temperature can all affect drying times. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein are for general information purpose only. In the light of experience and our policy of continuous product development, they may change without prior information and do not constitute the agreed contractual quality of the products (product specification).

It is always the responsibility of the recipient of our products to ensure that any proprietary rights, existing laws, legislation are observed and to take all necessary steps to fulfill the demands set out in the local rules and legislation. **THE LATEST VERSION OF TDS SUPERSEDES ALL PREVIOUS VERSIONS.**