

MARINE PAINTS

NAUTIX

TECHNICAL DATA SHEET

NX SPEED

High-glide finishing paint



The above colours are not applications of our paints and are given for information only.

SUBSTRATE

Polyester | GRP | Epoxy



DESCRIPTION

NX SPEED is a two-component, high-slip underwater paint designed to increase speed and reduce fuel consumption. This paint is easy to apply with a spray gun and gives an excellent finish. It can be used on both hulls and freeboards.

NX SPEED is not an antifouling: this marine paint is neutral to the marine environment and is designed for boats that spend little time in the water (less than 10 days) or that require weekly maintenance.

MAIN FEATURES

COVERAGE	8m²/L per layer <small>(see «application» section for details)</small>
DRY EXTRACT	48-49 (% volume) 55-57 (% weight)
VOLUME RATIO	3.5 base 1 hardener
WEIGHT RATIO	80g base 20g hardener
FLASH POINT	23°C <FP< 55°C
UNIT SIZE	0,75L - 2L
TYPICAL SHELF LIFE	5 years
SPECIFICATION	Pro only
THINNER / CLEANER	Nautix DP
COLORS	Fluorescent Yellow, Fluorescent Orange, White, Black
FINISH	Satin

DRYING AND OVERCOATING

TEMPERATURE	10°C	15°C	20°C	30°C
Life pot	10h	8h	6h	4h
Touch dry	4h	3h	2h	1h
2nd layer*	6h-36h	5h-36h	3h-24h	2h-18h
Sandable	36h	36h	24h	18h
Immersion	54h	48h	36h	24h

h=hours min=minutes

**Minimum overcoating time recommended*

SURFACE PREPARATION

ON A NEW POLYESTER OR EPOXY HULL

- Degrease the hull with Nautix SD.
- Rinse with fresh water and leave to dry.
- Wet sand the surface with P120 to promote adhesion of the primer.
- Make sure the surface is dry, free of grease and dust.
- Apply a suitable primer.

ON WHITE T.SPEED OVERCOAT

Check the substrate: Before overcoating, remove all loosely adhering and flaking paint, feather back all edges. You can grit with brush in different areas to test adhesion of current painting.

• Protected surface in good condition:

- Clean the entire hull with controlled high pressure washing or brush.
- Sand surface with wet P80-120 paper grade.
- Rinse with fresh water and let dry.

• Surface in poor condition:

- Remove all traces of antifouling by abrasion, sweep blasting or using Nautix STRIPPER.
- Degrease with Nautix SD.
- Sand primer with wet P80-120 paper grade.
- Rinse with fresh water and let dry.

SPECIAL ADVICE

Choose the appropriate primer:

- Polyester: apply an HPE primer at P120, then a PE primer, frosted at 180.
- Carbon: EPOXYGARD protection then PE primer.
- Fluorescent colours: apply over U2 undercoat.

COMPATIBILITY

Important :

Do not apply NX SPEED on :

- old antifouling.
- single-component paint.
- or a substrate in poor condition.

For overcoating by itself, roughen the surface with a 180 or 240.

HINTS

- Mix the base thoroughly before adding the hardener. Mix only as much as you need.
- Allow the mixture to stand for 10 minutes before application.
- Preparing the substrate with an epoxy primer :
- Adhesion: apply 1 coat of epoxy primer. Recoat within the recommended time or roughen with P180 once dry.
- Protection (abrasion): apply 2 or 3 coats of epoxy primer. Recoat within the recommended time or sand with P180 when dry.
- Application methods: spray gun or airless. Roller or brush application is not recommended.
- Apply between 10 and 30°C (ideally with humidity below 85%).
- Do not paint a surface if there is the slightest risk of condensation forming on the surface (dew point): The temperatures of the ambient air, the substrate and the product must be very close.
- Avoid application in adverse weather conditions: strong wind, direct sunlight, high/low temperatures, high humidity or rain.
- Allow solvents to evaporate naturally. Do not heat the ambient air after application has begun. Do not use forced ventilation directly on the surface.

APPLICATION

AIRMIX SPRAY

- 2.0 to 2.5 bar, nozzle 1.6mm to 1.8mm.
- Dilution (volume) : Nautix DP 5 to 25%.

AIRLESS SPRAY

- 200 to 250 bar, nozzle 312 to 515
- Do not dilute

- Apply one coat of a voile to create a thin layer of adhesion
- Cover 1 hour later with a second full coat
- Once thoroughly dry, remove any imperfections from the surface with water-based paper (P400 or P600, depending on the depth of the imperfections).
- Then finish with P800, then P1000, again with water.

AIRMIX INFO

Number of coats: 3 minimum
Theoretical coverage per coat: 8m²/L
 Recommended WFT* per coat: 80µm
 Recommended final DFT**: 150µm

AIRLESS INFO

Number of coats: 2 minimum
Theoretical coverage per coat: 6-8m²/L
 Recommended WFT* per coat: 150µm
 Recommended final DFT**: 150µm

*WFT : Wet Film Thickness / **DFT : Dry Film Thickness

INFORMATIONS

OPERATOR PROTECTION

- Before use, read this sheet, the label and the product information carefully.
- Work in a well-ventilated area and wear protective clothing, gloves, goggles and a suitable mask.
- During application or sanding, all sources of heat above 250°C must be removed from the working environment.
- Smoking must be avoided. Packets of tobacco must be left in the cloakroom. Smokers must dust themselves off and wash their hands and face before putting a cigarette in their mouth.

TRANSPORT AND STORAGE

- Paint must be transported and stored in hermetically sealed containers that are not permeable to solvents.
- Do not expose to open air, sunlight or extreme temperatures. To keep the product in good condition, recap the can after use, turn the jars upside down and store between 10°C and 25°C. Do not expose to sunlight.

SAFETY

- Read the label and product information before use. Observe the precautions for use. Carefully read the safety advice given in the Health and Safety section, which is also available from Nautix and its dealers.
- All professional operators must wear appropriate protective clothing: overalls in a colour that contrasts with the product being applied, a disposable hooded undersuit, appropriate gloves and protective footwear that protects the lower limbs. Wear a respirator when spraying.

DISPOSAL

- Empty cans and soiled waste must be disposed of in accordance with current municipal regulations on the treatment of hazardous products, for example by taking them to a waste collection centre or using dedicated bins. Do not dispose of waste in drains or waterways. Use the bins provided. It is advisable to allow paint residues to harden before disposing of them.

GENERAL

- The information given in this sheet is not exhaustive. Anyone using this product for purposes other than those recommended, without prior written confirmation from us as to the feasibility of such use, does so at their own risk. Nautix cannot be held responsible. This information is subject to change without notice.