

WHITE T.SPEED™

Ultra-Glide coating for racing and dry sailing boats



The printing process may render some of the colour samples imperfectly. We recommend testing the paint before committing to a colour.

PRODUCT DESCRIPTION

Nautix WHITE T.SPEED™ is 2-pack finishing coating with a high-gliding effect to improve speed and to reduce fuel consumption. This paint has been selected by many racing professional teams, and is the result from permanent R&D Nautix development. It contains a high percentage of gliding-effect components called T.SPEED™ which increase boat performance and makes easier cleaning of the hull.

Nautix WHITE T.SPEED™ is not antifouling (this means “neutral” for marine environment), and is recommended to be applied over dry sailing boat hulls or for boats staying no more than 10 days in water (without cleaning). It must be applied with a spray gun to provide an extended paint film.

PRODUCT INFORMATION

Finish	Matt
Mixing ratio in volume	3 base / 1 hardener
Mixing ratio in weight	4 base / 1 hardener
Coverage	8m ² /L per layer (roller/brush)
Flash point	23°C <FP<55°C
Packaging	0.75L - 2L
Shelf life	5 years
Thinner/Cleaner	Nautix DP

Drying / Overcoating Information

Temperature	10°C	15°C	20°C	30°C
Pot life	10h	8h	6h	4h
Touch dry	7h	5h	3h	2h
Overcoating by itself*	5h-15h	2h30-8h	1h30-4h	1h-3h
Sand after	24h	20h	12h	6h
Dry	96h	72h	30h	20h

d=days h=hours min=minutes

*Minimum overcoating time recommended for 1 layer (80µm wet thickness) – Please refer to Application

Colours white, black, yellow fluo, orange fluo (customized colours on request)

TYPE OF SURFACES

- GRP/Composites
- Epoxy
- Carbon
- Aluminium
- Wood

SURFACE PREPARATION

New hull

- The surface should be degreased with Nautix SD and free of all contaminants (oil, grease, salt etc).
- Rinse with fresh water and let dry.
- Wet-sanding with P120 grade paper to improve adhesion of primer.
- Ensure the substrate to be dried, degreased, and free of dust.
- Apply adapted primer.

White T.SPEED™ overcoating

- Check the support condition : Before application, ensure the former paint does not come unstuck from the support. Scrape with a brush in different places to check support quality.
- Substrate in good condition :
 - Remove dirt with a detergent, a high pressure cleaner or brush
 - Rough sand with 120 grit, rinse and let dry
- Substrate in poor condition :
 - Sand strongly the surface to remove old coats of WHITE T.SPEED™
 - Degrease carefully with Nautix SD
 - Rough sand with 120 grit, rinse with fresh water and let dry

Application advices

Choose the right primer:

- GRP/Epoxy : Fairing with HPE/EPOXYGARD, then finishing with PE
- Carbon : Protection with EPOXYGARD, then finishing with PE
- Aluminium : METAPOX + epoxy primer (refer to TDS of primers)

Compatibility

Do not apply WHITE T.SPEED over :

- old antifouling
- 1-c paint
- substrate in poor condition

SAFETY INFORMATION

- Hazardous product for professional use only. Read carefully the label before application
- Work in well-ventilated area (ensure adequate ventilation during use), wear suitable protective clothing, gloves, glasses and eye/face protection. Unprotected person must be kept away from treatment area. Dispose of protective gloves and equipment after use.
- During application and sanding, any source of heat (higher to 250°C) must be withdrawn from the working area.
- It's strictly recommended not to smoke while using this product. Packets of cigarettes must be left in changing room. Smokers have to dust themselves and wash their hands & face before smoking.

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Before Printing, think about environment ! 05/02/2018

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HINTS

- Application : Airmix or airless spray gun. It's not recommended to use brush or roller.
- Apply between 10 and 30°C (ideally inside with hygrometry rate no greater than 85%).
- Do not apply when there is a chance of condensation forming on the substrate (Dew-Point) : substrate, ambient air and product temperatures must be close.
- Stir or shake individual components thoroughly. Add hardener to the base, stir and leave for 10 minutes to allow bubbles to disperse.
- Mix only the necessary quantity.
- Application :
 - Adhesion for paint : Apply 1 coat of primer. If overcoating period is exceeded, sand with 180 grade once dried.
 - Protection : Apply 3-5 coats of primer. If overcoating period is exceeded, sand with 180 grade once dried.
- Favour natural solvent evaporation and do not heat ambient air after beginning of application. Do not use ventilator or heater directed on the surface.

APPLICATION

This product must be applied by professionals only.

- Airmix spray gun : Pressure 2.0 to 2.5 bars, nozzle 1.6mm to 1.8mm.
- Airless pump : Pressure 200 to 250 bars, nozzle 312 to 315.
- Apply 1 mist coat to create adhesion on substrate for next layers.
- Wait 15min to allow solvent evaporation before 1st coat application.
- Overcoat with 2nd layer by respecting overcoating time.
- Once dried, remove all substrate imperfections with wet P400 or P600 grit (depending of defects thickness).
- Finish with light sand – P800, then P1000 water grit.

Dilution : Nautix DP 5 to 10% (depending on application).

Theoretical coverage : 8m² /L.

Theoretical wet film thickness: 80µm wet/coat.

While sanding, it's recommended to wear a mask with wide spectrum cartridge.

TRANSPORT, STORAGE, AND SAFETY INFORMATION

Transport and storage

- This product should be kept in securely closed and solvent-resistant containers during transport and storage.
- Exposure to air, sun, and extreme temperatures should be avoided. For the full shelf-life of the paint, be sure that the container is firmly closed between use and the storage temperature is between 10° and 25°C. Keep out of direct sunlight.

Safety

- Before use, read the label safety section for Health and Safety Information. For further details, please contact Nautix or its distributors.
- All professional operators must wear suitable protective clothing : coveralls of a contrasting colour to the product being applied, underneath a disposable coverall with hood, suitable gloves and impervious footwear that protects the lower leg. Wear suitable respiratory equipment (such as air fed respiratory protective equipment with combined protective helmet and visor) when spraying.

Disposal

Disposal of remainders must be arranged for in consultation with the authorities. Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit.

General

The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk. Nautix can accept no responsibility for the performance of the product or for any loss or damage. The information contained in this sheet is liable to modification from time to time.

