

# A7T.Speed™

Hard matrix antifouling – For propellers and Z-drives



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



## PRODUCT DESCRIPTION

Nautix A7T.Speed™ is hard matrix antifouling paint especially developed for propellers and Z drives previously protected. It maintains the propeller in a clean condition ensuring correct balance thus reducing vibration and wear of through-hull seals.

Spray allows easy application on inaccessible areas and smooth finish.

## PRODUCT INFORMATION

Finish	Matt
Coverage	12.5m <sup>2</sup> /L per layer (see "application" section for details)
Flash point	21°C < FP < 55°C
Unit size	0,35L - 0,75L - 2,5L – Spray 500mL
Typical shelf life	3 years
Product condition	Ready for use
Thinner/Cleaner	Nautix DA
Colours	Black, grey

### Drying / Overcoating Information

Temperature	10°C	15°C	20°C	30°C
Touch dry (can)	2h	1h30	1h	30min
(Spray)	5min	5min	5min	5min
Overcoating* (can)	4h	3h	2h	1h
(Spray)	20min	15min	10min	5min
Immersion** (can)	5h	4h	3h	2h
(Spray)	3h	2h	1h	30min

d=days h=hours min=minutes

\*Minimum overcoating time recommended for 1 layer (100µm wet thickness) – Please refer to Application

\*\*Maximum immersion time : several weeks if boat is stored in good conditions

## SURFACE PREPARATION

### New surface without any paint

- The surface should be degreased with Nautix SD and a clean cloth.
- Aluminium : Remove the oxidation from surface with adapted cleaner.
- Sand thoroughly all metal surfaces with dry P80 grade paper to improve mechanical adhesion, then clean with Nautix SD. Do not use water to rinse.
- Apply several coats of primer (Please refer to *important information*).

### Surface previously stripped (every 3 years)

- Remove all existing antifouling or other coating using P80 paper grade to improve mechanical adhesion, then clean with Nautix SD. Do not use water to rinse.
- Apply several coats of primer (Please refer to *important information*).

### Surface already coated – accumulation of antifouling layers

- Check the substrate : Before overcoating, check the current paint not to be damaged. You can grit with brush in different areas to test adhesion of current antifouling.
- Sand thoroughly with dry P120 grade paper to improve mechanical adhesion, and then clean with Nautix SD. Do not use water to rinse.

### Important information

Cleaner for aluminium : Nautix SCOURING ACID

Choose the right Nautix system after mechanical preparation :

- Metal : METAPOX (1 coat) + epoxy primer (3 coats)
- Metal : Directly PA anticorrosion primer (3 coats)
- Other surfaces : P7 or PA (1 to 2 coats)

Thinner for primer : Nautix DP

### Compatibility

#### Important :

For aluminium propeller, Nautix A7T.Speed™ must be applied over protected and regularly checked substrate. Do not apply directly over aluminium.

If there is any doubt on compatibility between the new antifouling paint and the existing one, apply a coat of Nautix P1.

## SAFETY INFORMATION

- Only use as an antifouling product to prevent the growth of micro and macro organisms like week, algae or barnacles from settling on underwater surfaces in salt and fresh water. For amateur (up to 2.5Litres) and professional (up to 20 litres). Antifouling contains biocides. Use antifouling products with care.
- Work in well-ventilated area, 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.

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## HINTS

- Application methods : brush, roller, conventional spray gun, airless.
- 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.
- Avoid applying in adverse weather conditions : strong wind, strong sunlight, high/low temperatures, high humidity or rain.
- Important : Antifouling efficiency depends directly on applied film thickness. Apply the whole recommended quantity (excl. thinner). Be careful when adding solvents to antifouling as this will reduce the thickness applied.
- Maximum immersion time : several weeks if the boat is stored in good conditions (no dust).

## APPLICATION

### Brush / Roller

- Apply antifouling by crossing layers.
- Important : Apply the total recommended quantity of litres evenly over the substrate, even if this requires several coats. Efficiency of antifouling depends on applied thickness.
- Thinning (volume) : Nautix DA up to 5%.

Number of coats : 3 minimum  
Theoretical coverage per layer : 12.5m<sup>2</sup>/L  
Recommended WFT\* per layer : 100µm

### Conventional spray gun

- 2.0 to 2.5 bars, nozzle 1.6mm to 1.8mm.
- Thinning (volume) : Nautix DA 10 to 20%.

Number of coats : 5 minimum  
Theoretical coverage per layer : 5 to 7m<sup>2</sup>/L  
Recommended WFT\* per layer : 80µm

### Spray

- Once mixing ball is heard, shake thoroughly for minimum 2 minutes before use.
- Let dry between coats if you want to get the best result.
- Spray sparingly 15-20 cm maximum from the surface for 2-3 seconds.
- Proceed by repeated brief pressures. Continuous spraying would cool excessively the nozzle and could block it.
- During application, shake regularly the spray for 10-15 seconds.

Number of coats : 5 minimum  
Theoretical coverage per layer : 2m<sup>2</sup>/spray (500mL) for normal propeller  
Recommended WFT\* per layer : 80µm

After spraying, invert can and spray for 2 seconds to clean the nozzle.

\*WFT : Wet Film Thickness

## TRANSPORT, STORAGE, AND SAFETY INFORMATION

### Transport and storage

- Antifouling 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

- Never dry sand or burn-off old antifouling. Antifouling must only be wet sanded.
- 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 antifouling cannot be disposed of through the municipal waste route or dumped without permit.

### General

Antifouling job must be renewed every year. Respect coverage and recommended number of layers. 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.

