

MARINE PAINTS

NAUTIX

TECHNICAL DATA SHEET

A7 T.SPEED

Antifouling for propellers and Z-drive bases



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

SUBSTRATE

Aluminium | Bronze | Stainless steel



ALU

10m²/L**DESCRIPTION**

A7 T.SPEED is a hard matrix antifouling designed specifically for propellers and Z-Drive bases. It keeps propellers and bases clean for optimum propulsion. Nautix always recommends applying 4 coats of antifouling. Available in a range of pack sizes, the aerosol can makes it easy to apply to hard-to-reach surfaces and gives a perfect finish. To strengthen adhesion, combine the action of A7 T.SPEED antifouling with its P7 primer.

MAIN FEATURES

COVERAGE	10m²/L per layer <small>(see «application» section for details)</small>
DRY EXTRACT	43 (% volume) 60.5 (% weight)
FLASH POINT	36°C < FP < 39°C FP > 50°C (spray)
UNIT SIZE	0.35L - 0.5L (spray) - 0,75L - 2,5L
TYPICAL SHELF LIFE	3 years
SPECIFICATION	Ready for use - Pro only
THINNER / CLEANER	Nautix DA
COLORS	White, Black, Grey
FINISH	Satin

DRYING AND OVERCOATING

CAN	10°C	15°C	20°C	30°C
Touch dry	2h	1h30	1h	30min
2nd layer*	5h	4h	3h	2h
Immersion**	6h	5h	4h	3h

SPRAY	10°C	15°C	20°C	30°C
Touch dry	5min	5min	5min	5min
Overcoating*	20min	15min	10min	5min
Immersion**	3h	2h	1h	30min

d=days h=hours min=minutes

*Minimum overcoating time recommended

**Maximum time : 1 month

SURFACE PREPARATION**NEW SURFACE WITHOUT ANY PAINT**

- Degrease the hull with Nautix SD.
- Carefully deoxidise the surface with a suitable product.
- Sand with P80 dry paper to improve mechanical adhesion, then clean with Nautix SD. Do not rinse with water.
- Apply several coats of primer (see special advice).

SURFACE PREVIOUSLY STRIPPED (EVERY 3 YEARS)

- Remove all layers of antifouling. Sand the surface with P80 dry paper to promote mechanical adhesion, then clean with Nautix SD. Do not use water to rinse.
- Apply several coats of primer (see special advice).

SURFACE ALREADY COATED

- Checking the substrate: to be covered, a paint must not come off the substrate or crumble. Scratch the surface with a brush in various places to test its resistance.
- Polish the surface with P120 dry paper to promote mechanical adhesion, then clean with Nautix SD. Do not use water to rinse.

SPECIAL ADVICE

Deoxidiser for metal surfaces (including aluminium):
Nautix SCOURING ACID

After mechanical preparation, choose the appropriate Nautix system (2 possible systems for metal):

- Metal : METAPOX (1 layer) + epoxy primer (3 layers)
- Metal : Directly PA (3 layers)
- Other surfaces : P7 or PA (1 to 2 layers)

Important: For an aluminium propeller, Nautix A7T.Speed can only be applied to a substrate protected by several coats of primer.

COMPATIBILITY

This antifouling cannot be applied directly to an aluminium hull.

If you have any doubts about the compatibility or quality of the existing antifouling, you can apply a coat of P1 primer to even out the substrate.

A7 T.SPEED

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HINTS

- The effectiveness of an antifouling depends directly on the final thickness of the film. Apply the entire recommended quantity, excluding dilution. Be careful when adding thinner as this reduces the thickness of the product applied.
- Maximum time before immersion: 1 month.
- Application methods: brush, roller, Airmix or aerosol
- 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

BRUSH / ROLLER

- Apply antifouling by crossing layers.
- Dilution: ready to use. Can be thinned with Nautix DA (max. 5% vol.).

AIRMIX SPRAY

- 2.0 to 2.5 bar, nozzle 1.6mm to 1.8mm.
- Dilution (volume) : Nautix DA 10 to 20%.
- Multilayer painting: 5 to 6

AEROSOL

- Shake the can vigorously before spraying.
- Apply multiple thin coats for best results. Allow to dry between coats.
- Spray for 2 to 3 seconds, from a distance of no more than 15 to 20 cm to avoid a dry spray, and shake the aerosol regularly for 10-15 seconds.
- Spray briefly and repeatedly. Continuous spraying will lead to excessive cooling of the nozzle and the formation of a clog.

INFORMATIONS

PAINTERS PROTECTION

- Antifouling for professional use. Dangerous product. Observe safety precautions. Use biocidal products with care.
- 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.

TRANSPORT AND STORAGE

- Antifouling 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

- Never burn or dry sand antifouling. Always sand with water. Use biocidal products with care.
- 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

- Immediate antifouling effect after immersion. Observe the recommended coverage and number of coats. Repeat the operation every year.
- 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.

ROLLER INFO

Number of coats: 3

Theoretical coverage per coat: 10m²/L

Recommended WFT* per coat: 100µm

Recommended final DFT**: 100µm

AIRMIX INFO

Number of coats: 4

Theoretical coverage per coat: 12m²/L

Recommended WFT* per coat: 70-90µm

Recommended final DFT**: 100µm

AEROSOL INFO

Number of coats: 4 to 5 thin coats

Theoretical coverage per coat: 2m²/aerosol

Recommended WFT* per coat: 80µm

Recommended final DFT**: 100µm

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