

MARINE PAINTS

# NAUTIX

## TECHNICAL DATA SHEET

### P1

Adhesion primer

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

#### SUBSTRATE

Polyester | GRP | Wood | Steel



10m<sup>2</sup>/L



## DESCRIPTION

P1 is a fast-drying, single-component primer that can be applied to any type of substrate. P1 provides simple adhesion to gelcoat or wood. Easy to use, it can also be used as an interface if there are any doubts about compatibility with your old antifouling. Applied first, primers play an essential role in adhesion or protection through their hardness or barrier effect.

## MAIN FEATURES

COVERAGE	<b>10m<sup>2</sup>/L per layer</b> <small>(see «application» section for details)</small>
DRY EXTRACT	<b>45 (% volume)   62 (% weight)</b>
FLASH POINT	<b>23°C &lt; FP &lt;55°C</b>
UNIT SIZE	<b>0.35L - 0,75L - 2.5L - 5L</b>
TYPICAL SHELF LIFE	<b>5 years</b>
SPECIFICATION	<b>Ready for use</b>
THINNER / CLEANER	<b>DP</b>
COLORS	<b>Grey</b>
FINISH	<b>Satin</b>

#### DRYING AND OVERCOATING

TEMPERATURE	10°C	15°C	20°C	30°C
Touch dry	<b>4h</b>	<b>3h</b>	<b>2h</b>	<b>1h</b>
Overcoating*	<b>6h</b>	<b>4h</b>	<b>3h</b>	<b>2h</b>
Core dry	<b>8h</b>	<b>6h</b>	<b>5h</b>	<b>3h</b>

*h=hours min=minutes*

*\*Minimum overcoating time recommended*

## SURFACE PREPARATION

#### ON A NEW POLYESTER OR EPOXY HULL

- Degrease with Nautix SD.
- Polish the surface with P120 to promote adhesion.
- Make sure the substrate is dry and dust-free.

#### ON EXISTING ANTIFOULING OR PRIMER

- Remove existing antifouling:
  - 1 to 3 coats: Nautix Stripper
  - More than 4 coats: sanding, scrubbing or scraping
- Check the condition of the primer: to be covered, paint must not come off the substrate or crumble. Scratch with a brush in various places to test the adhesion of the substrate. Remove any non-adherent coatings.
- Check the residual humidity of the hull. Do not apply if the differential between above and below the waterline is greater than 5%.
- Degrease and roughen the surface with P120 to promote adhesion.
- Make sure the substrate is clean, dry and dust-free.

#### SPECIAL ADVICE

To protect wood, dilute the first coat 50% with Nautix DP, then apply P1 in multiple coats.

To protect metal, apply P1 in multiple coats.

#### COMPATIBILITY

Nautix P1 can be applied under all Nautix antifouling, or as an insulating layer over old antifouling paint that is incompatible or of an unknown nature.



## HINTS

- Application methods: brush, roller, spray or airless.
- 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.
- Do not use forced ventilation directed directly onto the surface.
- It is not necessary to roughen between coats.
- Application :
  - Adhesion: apply 1 coat of primer.
  - Protection: apply 3 to 5 coats of primer.

## APPLICATION

### BRUSH/ROLLER

- Apply 1 or more thin coats.
- Dilution (volume) Nautix DP :
  - Protection: 5 to 10% max.
  - Wood impregnation: 30 to 50% for the first coat
- Use a flock roller or short-nap lacquer roller.

### AIRMIX SPRAY

- 2.0 to 2.5 bar, nozzle 1.8mm to 2.0mm.
- Nautix DP dilution from 0 to 10% max.

### AIRLESS SPRAY

- 170 to 240 bar, nozzle 315 to 419.
- Do not dilute.
- Double the drying time.

### ROLLER INFO

**Number of coats: 1 Adhesion - 5 Protection**  
**Theoretical coverage per coat: 10m<sup>2</sup>/L**  
 Recommended WFT\* per coat: 100µm  
 Recommended final DFT\*\*: 300µm

### AIRMIX INFO

**Number of coats: 1 Adhesion - 5 Protection**  
**Theoretical coverage per coat: 10m<sup>2</sup>/L**  
 Recommended WFT\* per coat: 100µm  
 Recommended final DFT\*\*: 300µm

### AIRLESS INFO

**Number of coats: 3 minimum**  
**Theoretical coverage per coat: 4.5m<sup>2</sup>/L**  
 Recommended WFT\* per coat: 200µm  
 Recommended final DFT\*\*: 300µm

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

## INFORMATIONS

### OPERATOR PROTECTION

- Paint for amateur and professional use. Dangerous product.
- Before use, read this sheet, the label and the product information carefully.
- Work in a well-ventilated area, wear protective clothing, gloves, goggles and a suitable mask.

### TRANSPORT AND STORAGE

- The product must be transported and stored in hermetically sealed containers that are not permeable to solvents.
- Do not expose to the 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 retailers.
- All professional operators must wear appropriate protective clothing: coveralls in a colour that contrasts with the product being applied, disposable hooded under-suits, appropriate gloves and protective footwear that protects the lower limbs. Wear a respirator when spraying.

### WASTE

- 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 data 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.