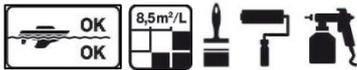


P1

1-pack universal primer for adhesion & protection



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

PRODUCT DESCRIPTION

Nautix P1 is a quick drying conventional 1-pack primer for application above and below the waterline. P1 is recommended for all substrates :

- Adhesion over Gelcoat (especially for paints like antifouling).
- Impregnation and protection over wood.
- Anticorrosion protection over steel.

P1 primer is very easy to use, and can be used as good barrier coat over unknown or incompatible antifouling (2 coats minimum of P1).

P1 must be applied in 1 coat for adhesion and minimum 3 coats for protection.

PRODUCT INFORMATION

Finish	Matt
Coverage	8.5m ² /L per layer (roller/brush)
Flash point	23°C <FP<55°C
Unit size	0.35L - 0.75L – 2.5L – 5L
Typical shelf life	5 years
Thinner/Cleaner	Nautix DP
Colours	metallic grey

Drying / Overcoating Information

Temperature	10°C	15°C	20°C	30°C
Touch dry	4h	3h	2h	1h
Overcoated by itself*	6h	4h	3h	2h
Overcoated by antifouling*	6h	4h	3h	2h
Sand after	6h	4h	3h	2h
Dry	8h	6h	5h	3h

d=days h=hours min=minutes

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

TYPE OF SURFACES

- GRP / Composites
- Steel (for more details, please refer to our technical specifications for “Steel boat”)
- Wood (for more details, please refer to our technical specifications for “Wood boat”)

SURFACE PREPARATION

New hull (epoxy or GRP)

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

Over antifouling or existing primer

- Remove the old antifouling :
 - 1 to 3 coats : Nautix STRIPPER
 - More than 4 coats : air-blasting, high-pressure water blasting or scraper
- Check the condition of old primer : the former paint must not come unstuck from the support or must not crumble. Scrape with a brush to check support quality and remove any loosing paint.
- Surface must be degreased with Nautix SD and dust free.
- Rough sand with 120 grit to favour adherence.
- Ensure the substrate to be dried, degreased, and free of dust.

Technical recommendation

Apply the following number of coats :

- GRP/Composites : 1 coat for adhesion, 3-5 coats for protection.
- Wood/Plywood : 4 coats (1st layer with thinner DP up to 30%).
- Metal : 5 coats for anticorrosion protection.

Compatibility

P1 can be used as good barrier coat over unknown or incompatible antifouling.

SAFETY INFORMATION

- 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.
- Read the label safety section for Health and Safety Information before application.

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P1

1-pack universal primer for adhesion & protection

HINTS

- Application methods : brush, roller, 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.
- Homogenize the product with a blender.
- It's not recommended to sand between coats.
- If filling is required, use appropriate filler before the first coat of primer has been applied.
- 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

Brush / Roller

- Apply thin layer(s) by crossing layers.
- Thinning (volume) : Nautix DP (or DA eventually) :
 - Protection : from 5 to 10% max.
 - Wood impregnation : between 30% and 50% for 1st layer.*To get the best results, use a solvent-resistant mohair type roller. Do not hesitate to change refill when worn.*

Minimum number of coats : 1 (adhesion), 3 (protection)
Theoretical coverage per layer : 8.5 m²/L
Recommended WFT* per layer : 100µm
Minimum final recommended DFT** : 300µm (protection)

Conventional spray gun

- 2.0 to 2.5 bars, nozzle 1.8mm to 2.0mm.
- Thinning (volume) : Nautix DP 10 to 20%.
Do not mix with more than 30% thinner to avoid any degradation of paint.

Minimum number of coats : 1 (adhesion), 3 (protection)
Theoretical coverage per layer : 5 m²/L
Recommended WFT* per layer : 100µm
Minimum final recommended DFT** : 300µm (protection)

Airless

- 170 to 240 bars, Nozzle 315 to 419.
- Do not use thinner.
- Double the overcoating times.

Number of coats : 3 minimum
Theoretical coverage per layer : 4.5 m²/L
Recommended WFT* per layer : 200µm
Minimum final recommended DFT** : 300µm (protection)

*WFT : Wet film thickness / **DFT : Dry film thickness

TRANSPORT, STORAGE, AND SAFETY INFORMATION

Transport and storage

- This product should be kept in securely closed 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.

