

PO

Adhesion primer for harsh weather conditions



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

SUBSTRATE

Polyester | GRP



12m²/L



DESCRIPTION

PO is a high-end osmosis preventive primer, formulated with Desmodur™ resin catalysing by reaction with moisture in the air. The PO primer has strong adhesion and protection capabilities on any substrate. Easy to use, it is recommended for the adhesion of antifoulings in 1 coat or as an osmosis preventative in 5 coats. PO is particularly suited to difficult climatic conditions: cold and damp. It is easy to apply, dries quickly and does not require sanding between 2 coats.

MAIN FEATURES

COVERAGE	12m²/L per layer <small>(see «application» section for details)</small>
DRY EXTRACT	49 (% volume) 70.2 (% weight)
FLASH POINT	23°C < FP <55°C
UNIT SIZE	0,75L - 3L
TYPICAL SHELF LIFE	2 years
SPECIFICATION	Ready for use - Pro only
THINNER / CLEANER	DP
COLORS	Olive green
FINISH	Matt

DRYING AND OVERCOATING

TEMPERATURE	10°C	15°C	20°C	30°C
Touch dry	3h	2h	1h30	30min
Overcoating window*	6h - 1 month	5h - 1 month	3h - 1 month	1h - 1 month
Complete hardening	96h	72h	30h	20h

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

If your boat has been in the water regularly, check the moisture content of the hull before applying the multi-layer PO.

COMPATIBILITY

PO can be overcoated with an epoxy primer after it has cured completely in 4 days. Do not overcoat if PO is applied thickly.

If you have any doubts about the compatibility or quality of the primer, remove the existing paint completely.



HINTS

- Application methods: brush, roller, spray or airless.
- Apply between 5 and 30°C. **Do not apply at less than 30% humidity.**
- Do not paint a substrate 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 directly on the surface.
- Take only the quantity needed for the application. Close the can immediately. An opened can must be used quickly.
- Correcting the profile with an Epoxy coating must be done between the first 2 coats of primer.
- Application :
 - Adhesion: apply 1 coat of primer.
 - Protection: apply a minimum of 4 coats of primer.
- It is not necessary to roughen between coats.

APPLICATION

BRUSH/ROLLER

- Cross strokes when applying.
- Dilute Nautix DP by 5 to 10% max.
- Use a flock roller or short-haired lacquer roller.

AIRMIX SPRAY

- 2.0 to 2.5 bar, nozzle 1.8mm to 2.0mm.
- Nautix DP dilution from 10 to 20% 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 - 4 Protection
Theoretical coverage per coat: 12m²/L
 Recommended WFT* per coat: 80µm
 Recommended final DFT**: 200µm

AIRMIX INFO

Number of coats: 1 Adhesion - 4 Protection
Theoretical coverage per coat: 12m²/L
 Recommended WFT* per coat: 80µm
 Recommended final DFT**: 200µm

AIRLESS INFO

Number of coats: 2 minimum
Theoretical coverage per coat: 5m²/L
 Recommended WFT* per coat: 200µm
 Recommended final DFT**: 200µm

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

INFORMATIONS

OPERATOR PROTECTION

- Paint for professional use. Training is compulsory: <https://www.safeusediisocyanates.eu>
- 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.