

Mare Nostrum SP

Product description

Type

This is an antifouling paint that protects the underwater hull of vessels from the settling of marine fouling organisms. This is a self polishing antifouling.

Features and benefits

It provides very good fouling protection. It assures a totally active surface continuously renewed providing a clean hull for the whole season. After immersion in water the true colour will appear.

Recommended use

The product gives protection for up to 6-12 months as part of a complete coating system. The service period will depend on water temperature, fouling pressure and sailing hours. Designed for all types of leisure yachts operating at a wide range of speed. Only white colour is recommended for aluminium hulls when used as part of an approved system. The product is not recommended for vessels sailing only in fresh water. The product is suitable for both professional and consumer application.



Product data

Packaging (typical):

**Volume
(liters)**

**Size of containers
(liters)**

Mare Nostrum SP

2.5 / 20

2.5 / 20

The volume stated is for factory made colors. Note that local variants in pack size and filled volumes can vary due to local regulations.

Colors

Black, dark blue, red, white
Availability of colours may differ from market to market.

Solids by volume:

50 ± 2 volume%

Density:

1.59 g/cm³ calculated

Flash point:

28 °C

VOC:

470 g/l US EPA method 24

VOC-Solvent Emission Directive:

295 g/kg SED (1999/13/EC)

The provided data is typical for factory produced products, subject to slight variation depending on color.

Application data

The product can be applied by

Products must be stirred prior to and during use. Stir the product until all settled material from the bottom of the container is well dispersed and it feels and looks homogenous.

Guiding data for air spray

Nozzle tip: 1.6-1.8 mm (0.063-0.070")

Pressure at nozzle: 0.35-0.45 MPa (49-63 psi)

Check to ensure that water and oil filters are available. Distance from air compressor to filters is to be at least 33 Feet (10 m).

Product mixing ratio (by volume)

Single pack

Film thickness per coat (μm)

Wet (calculated) Dry (calculated)

Film thickness and spreading rate per coat

Typical recommended specification range

Wet film thickness	80	–	200	μm
Dry film thickness	40	–	100	μm
Theoretical spreading rate	10	–	4.2	m^2/l

Leisure boats:

New boat: 2 coats. Maintenance: 1 coat (DFT $40\mu\text{m}$) per year.

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 7

Drying and Curing time

Drying time will increase with increasing film thickness. The surface should be dry and free from any contamination prior to application of the subsequent coat. Please launch within 9 months after application. The boat should be well covered or stored indoor if not launched shortly after application. The given data must be considered as guidelines only. The actual drying time and time before recoating may be shorter or longer, depending on the ambient temperature, film thickness, ventilation, humidity, underlying paint system, requirement for early handling and mechanical strength etc.

The drying time is measured by stated values:

Substrate temperature	41 °F	50 °F	73 °F	104 °F
Surface (touch) dry	8 h	5 h	3 h	2 h
Hard dry / Walk-on-dry	24 h	16 h	12 h	4 h
Recoatable, minimum	16 h	12 h	8 h	4 h
Fully cured / Dried/cured for immersion	30 h	24 h	12 h	8 h

Surface (touch) dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness.

Hard dry / Walk-on-dry: Minimum time before the product can tolerate normal foot traffic without permanent marks, imprints or other physical damage.

Recoatable, minimum / Dried to over coat, minimum: The recommended shortest time before the next coat can be applied.

Dried/cured for immersion: Minimum time before the coating can be permanently immersed in sea water.

Directions for use

Surface preparation

Surfaces with grease, oil or other contamination, wash with recommended Jotun Yachting detergent.

Pretreatment

High pressure water washing. For best result, the substrate should be clean, dry and free from any contamination. Surfaces with selfpolishing antifouling in good condition, apply this product directly on the old antifouling. (Some products may be difficult to overcoat directly, and should be sealed with a coat of Vinyl Primer. Check with Jotun for compatibility chart). Surfaces with hard antifouling or any antifouling in bad condition, scraping and wet sanding down to sound substrate is necessary before applying this product. Surfaces with unknown antifouling, scraping and wet sanding down to sound substrate followed by a recommended sealer is necessary.

Primer

Bare substrate to be treated with recommended primer system: AntiPest or Vinyl Primer. Refer to TDS, direction for use for the selected Jotun Yachting product.

Topcoat

Apply two coats.

Additional information

Some colour variation between batches may occur. Mix contents with different batch numbers before use to prevent shade variations.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23 °C

Mare Nostrum SP 48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Disposal of waste

Paint residues and washing liquid (cleaning of tools) must be handed in at the local environmental station.

Health and safety

Please observe the environmental and precautionary notices displayed on the container.

A Material Safety Data Sheet for the product has been issued.

Detailed information regarding health and safety risks and precautions for the use of this product is specified in the product's Safety Data Sheet.

First-aid measures, refer to section 4.

Handling and storage, refer to section 7.

Transport information, refer to section 14.

Regulatory information, refer to section 15.

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Color variation

When applicable, products primarily meant for use as primers or antifoulings may have slight color variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Color and gloss retention on topcoats/finish coats may vary depending on type of color, exposure environment such as temperature, UV intensity etc., and application quality. Contact your local Jotun office for further information.

Miscellaneous

NOBB number

This document covers the following NOBB numbers:

41589755, 41565995, 41589763, 41566001, 41590019, 41566019

NOBB module number

41694768

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Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (Eng) version will prevail.