Mare Nostrum SP

Product description

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.

Typical 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.

Colours

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

Product data

Property	Test/Standard	Description
Solids by volume		50 ± 2 %
Flash point	ISO 3679 Method 1	28 °C

Region	Regulation	Test Standard	VOC Value
EU IED	Industrial Emission Directive 2010/75/EU	Calculated	450 g/l

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

Film thickness per coat

Typical recommended specification range

Dry film thickness	40	-	100	µm
Wet film thickness	80	-	200	µm
Theoretical spreading rate	4.2	-	10	m²/l

This Technical Data Sheet supersedes those previously issued.
The Technical Data Sheet (TDS) is recommended to be read in conjunction with the Safety Data Sheet (SDS) and the Application Guide (AG) for this product. For your nearest local Jotun office, please visit our website at www.jotun.com

Recreational craft:
New boat: 2 coats. Maintenance: 1 coat (DFT 40µm) per year.

Application

Application methods

The product can be applied by

Spray:	Spray: Use air spray or airless spray.
Brush:	Roller: Recommended. Care must be taken to achieve the specified dry film thickness.
Roller:	Brush: May be used. Care must be taken to achieve the specified dry film thickness.

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.

Product mixing

Single pack

Thinner/Cleaning solvent

Thinner:	Jotun Thinner No. 7 / Thinner No. 7

Guiding data for air spray

Nozzle tip:	1.6-1.8 mm (0.063-0.070")
Pressure at nozzle (minimum):	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 10 m.

Drying and Curing time

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	8 h	5 h	3 h	2 h
Walk-on-dry	24 h	16 h	12 h	4 h
Dry to over coat, minimum	16 h	12 h	8 h	4 h
Dried/cured for immersion	30 h	24 h	12 h	8 h

For maximum overcoating intervals, refer to the Application Guide (AG) for this product.

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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.

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

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

Dry 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.

Product compatibility

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

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Mare Nostrum SP	2.5 / 20	2.5 / 20

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

Storage

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

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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.

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Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

Health and safety

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.

Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products and epoxy based products used as a finish coat may chalk when exposed to sunlight and weathering.

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

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 (United Kingdom) version will prevail.

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