

Technical Data Sheet



Mare Nostrum SP

Product description

Type

This is a self polishing antifouling. It is based on a unique binder combination system.

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 is not recommended for boats sailing only in fresh water. Only white colour is recommended for aluminium hulls when used as part of an approved system.

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Mare Nostrum SP	0.75 / 2.5 / 5	0.75 / 3 / 5

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

Product data

Colours	black, dark blue, red, white		
Solids	50 ± 2 volume%		
Flash point	28 °C		
VOC	470 g/l	US EPA method 24	
VOC-Solvent Emission Directive	295 g/kg	SED (1999/13/EC)	

Application data

The product can be applied by

Roller: Recommended. Care must be taken to achieve the specified dry film thickness.

Brush: May be used. Care must be taken to achieve the specified dry film thickness.

Spray: Use air spray or airless spray.

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 10 m.

Technical Data Sheet

Mare Nostrum SP



Jotun Protects Property

Spreading rate per coat

Theoretical 10 m²/l - 4,2 m²/l

Recommended film thickness per coat

Wet 100 µm - 240 µm

Dry 50 µm - 120 µm

Product mixing ratio (by volume)

Single pack

Thinner

Jotun Thinner No. 7 / Thinner No. 7

Drying times

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.

Relative Humidity (RH) 50 %

Substrate temperature	5 °C	10 °C	23 °C	40 °C
Surface (touch) dry	8 h	5 h	3 h	2 h
Hard 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

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.

Finish coat

Apply two coats.

Remarks

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

Technical Data Sheet

Mare Nostrum SP



Jotun Protects Property

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.

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.

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.