

NonStop Supreme

Product description

Type

This is an antifouling paint that protects the underwater hull of vessels from the settling of marine fouling organisms. It is a premium selfpolishing antifouling, based on a unique binder system, providing controlled release of biocides for extended service periods.

Features and benefits

It provides excellent fouling protection and improved hull performance. This is achieved through self polishing characteristics reducing hull deterioration, friction and speed loss. The product can be used for long service periods up to 24 months as a part of a complete coating system. The service period will depend on water temperature, fouling pressure and sailing hours.

Recommended use

The product gives protection for up to 24 months when used 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.

Product data

	Volume (liters)	Size of containers (liters)
NonStop Supreme	0.75 / 2.5 / 5 / 20	0.75 / 3 / 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 grey, blue, dark blue, red, black

Solids by volume 52 ± 2 volume% ISO 3233

Density 1.732 to 1.808 g/cm³ calculated

VOC-EU 419 g/l IED (2010/75/EU) (theoretical)

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

Application data

The product can be applied by

May be used. Care must be taken to achieve the specified dry film thickness. Recommended for small and medium sized boats. Care must be taken to achieve the specified dry film thickness. Conventional or airless spray is recommended for larger areas.

Thinner/Cleaning solvent

Thinner: Jotun Thinner No. 7

Guiding data for airless spray

Nozzle tip (inch/1000): 19-25
 Pressure at nozzle (minimum): 150 bar / 2100 psi

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	5.2 – 13	m ² /l

Max total DFT for multiple coats in the antifouling system: 200 µm

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Product mixing ratio (by volume)

Single pack

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	5 °C	10 °C	23 °C	40 °C
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.

Walk-on-dry: Minimum time before the coating 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.

Directions for use

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

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

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended

Coated surfaces	<p>New tie coat or new antifouling: Remove any contamination that could interfere with the intercoat adhesion. Exceeding maximum recoat intervals will require cleaning/abrading and/or application of additional coats, depending on condition.</p> <p>Aged antifouling: Removal by thorough fresh water washing at minimum nozzle pressure 2900 psi (200 bar).</p> <p>Cracked, flaked or "sandwiched" systems: Complete removal of old system.</p>	<p>New tie coat or new antifouling: Remove any contamination that could interfere with the intercoat adhesion. Exceeding maximum recoat intervals will require cleaning/abrading and/or application of additional coats, depending on condition.</p> <p>Aged antifouling: Removal by thorough fresh water washing at minimum nozzle pressure 4351 psi (300 bar).</p> <p>Cracked, flaked or "sandwiched" systems: Complete removal of old system.</p>
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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.

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

Storage temperature not to exceed 95 °F (35 °C).

Shelf life at 23 °C

NonStop Supreme 24 month(s)

NonStop Supreme in 5L or 20L packaging have a shelf life of 12 months.

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.

Note

The product is suitable for both professional and consumer application. 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 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

Contact information

Jotun A/S
Box 2021
NO-3202 Sandefjord
Norway

Tel.: +47 33 45 70 00

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.