

Coastal Supreme

Product description

This is an antifouling paint that protects the underwater hull of vessels from the settling of marine fouling organisms. It is a premium self-polishing antifouling, based on a unique binder system, providing controlled release of biocides for extended service periods. To be used as finish coat on immersed surfaces only.

Typical 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 coastal vessels in warmer waters operating at a wide range of speed. The product is not recommended for vessels sailing only in fresh water. This product provides optimum hull protection in fouling intensive waters or in trades with long lay-ups. This product can be used in aluminum, glass fiber, wood and steel hulls. Note: Only the white colour is copper free.

Colours

dark grey, blue, dark blue, red, black and white

Product data

Property	Test/Standard	Description
Solids by volume	ISO 3233	52 ± 2 %
VOC-US/Hong Kong	US EPA Method (theoretical) (CARB(SCM)2007, SCAQMD rule 1113, Hong Kong)	419 g/l
VOC-EU	IED (2010/75/EU) (theoretical)	419 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	13 - 5.2	m ² /l

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

Recreational craft:

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

Surface preparation

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

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
Coated surfaces	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.	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
	Aged antifouling: Removal by thorough fresh water washing at minimum nozzle pressure 200 bar.	Aged antifouling: Removal by thorough fresh water washing at minimum nozzle pressure 300 bar.
	Cracked, flaked or "sandwiched" systems: Complete removal of old system.	Cracked, flaked or "sandwiched" systems: Complete removal of old system.

Application

Application methods

The product can be applied by

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

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

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.

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: Safeguard Universal ES

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Coastal Supreme	1 / 5 / 20	1 / 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, cool, well-ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Storage temperature not to exceed 35 °C.

Shelf life at 23 °C

Coastal Supreme	24 month(s)
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Disposal of waste

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

Caution

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 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.
