

Aqualine

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 selfpolishing antifouling, based on a unique binder system, providing controlled release of biocides.

Typical use

The product gives protection for up to 12 months as part of a complete coating system. The service period will depend on water temperature, fouling pressure and sailing hours.
To be used on aluminium hulls, drives, flaps, propellers and light metal parts below the waterline. The product is not recommended for vessels sailing only in fresh water.
The product is suitable for both professional and consumer application.

Product data

Property	Test/Standard	Description
Solids by volume		50 ± 2 %

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	12.5 - 5	m ² /l

Surface preparation

Surface preparation summary table

Substrate	Surface preparation	
	Minimum	Recommended
	<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 250 bar.</p> <p>Cracked, flaked or "sandwiched" systems: Complete removal of old system.</p>	

Thinner/Cleaning solvent

/ Thinner No. 7

Guiding data for airless spray

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

Guiding data for air spray

Nozzle tip: Pressure pot: 1.2-1.6 (mm)
Pressure at nozzle (minimum): Pressure pot: 2.5-3 bar

Distance from air compressor to filters is to be at least 10 m. **The product must be sprayed by professionals only.**

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

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.

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Aqualine	0.75 / 2.5	0.75 / 3

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.

Shelf life at 23 °C

Aqualine 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.

Caution

The product is suitable for both professional and consumer application. **The product must be sprayed by professionals 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.

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.
