

PROFESSIONAL DEEPSEA

Polishing antifouling

TECHNICAL DATA SHEET

DESCRIPTION

PROFESSIONAL DEEPSEA is a polishing antifouling with a satin finish. It is applicable to on ships operating in fresh and salt water. **Its formulation provides protection for up to 12 months.** Suitable for applications on steel, composite and wood. Also applicable on aluminium but only with the WHITE colour.

Thinner

Thinning: Thinning is not recommended. Antifouling performance can be compromised if correct dry film thickness is not applied. For spray application, PROFESSIONAL THINNER can be used to ease application.

Cleaner

Tool cleaning: PROFESSIONAL DEGREASER

Surface conditions



PREVIOUSLY ANTIFOULED SURFACE:

In Good Condition: All fouling and contamination must be thoroughly removed including the leached layer. Use high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80/120 grade paper. Do not dry sand. If old antifouling is incompatible or unknown, seal with PROFESSIONAL PRIMER PROTECT. **In Poor Condition:** Remove all traces of antifouling.

PRIMERS: All preparation for bare substrates is covered on the appropriate primer datasheet.

BARE GRP, EPOXY, CARBON FIBRE: Prime with PROFESSIONAL EPOXY PROTECT or PROFESSIONAL PRIMER PROTECT.

STEEL/ALUMINIUM/LEAD/WOOD: Prime with PROFESSIONAL EPOXY PROTECT or PROFESSIONAL PRIMER PROTECT.

INSTRUCTIONS FOR USE

Mixing

Thoroughly stir until product is mixed to a uniform consistency before use.



Dry Film Thickness (DFT)

50 microns dry by roller/brush(100 microns wet)
100 microns dry by airless spray gun (200 microns wet)
Optimal result: total layer thickness of 100μ (dry) = 2 coats

APPLICATION RECOMMENDATIONS



Conditions

Temperature : 15-35°C. Ventilate well during application. Work in dry weather.
Ambient humidity : ≤ 90%,
Ambient temperature : ≥ 5°C and at least 3°C above the dew point, in order to avoid the phenomenon of condensation..



Application Methods

Airless spray gun, roller, brush
Airless spray gun : Pressure 176-220 bar / 2500-3200 psi. **Tip size:** 517-521

Number of Coats

By roller/brush

Apply 2 coats of 50 microns dry for 12 months (Total DFT of 100 microns)

By airless spray gun (Professional only):

Apply 1 coat of 100 microns dry for 12 months (Total DFT of 100 microns)

In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.


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PHYSICAL PROPERTIES

	Drying Times	Dust free: 30 minutes at 20°C Dry to the touch: 2 hours at 20°C Deep dry: 6 hours
	Minimum Overcoating Times (with itself)	6 hours
	Immersion Time	24 hours minimum - Maximum 1 month Optimal result: 3-4 days after the last application.
	Theoretical spreading rate	By roller/brush: 10 m ² /L per coat By airless spray gun: 8 m ² /L per coat
	Colours	Black – Navy – White - Red – Grey - Blue <i>True colour will develop after immersion</i>

GENERAL INFORMATION

	Storage	Shelf life: 12 months minimum in unopened packaging. Exposure to air and extremes of temperature should be avoided. For the full shelf life of this product to be realized ensure that between use the container is firmly closed and the temperature is between 5°C and 35°C. Keep out of direct sunlight. This product should be kept in securely closed containers. To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide. Product temperature should be minimum 5°C and maximum 35°C. Ambient temperature should be minimum 5°C and maximum 35°C.
	Transportation	This product should be kept in securely closed containers during transport
	Compatibility / Substrates	Suitable for all listed substrates (cf Surface conditions) including suitably primed Aluminium/Alloy for the white shade only and Zinc-sprayed surfaces. Can be applied direct over most types of antifoulings, provided they are in sound condition, with the exception of PTFE antifoulings.
	Shelf Life	2 years
	Safety Precautions	Contains biocides. Antifoulings should only be wet sanded. Never dry sand or burn off old antifoulings. Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on our website or on request. The information given in this sheet is not exhaustive and can be modified when necessary. Disposal: Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal. Reminders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of reminders must be arranged for in consultation with the authorities.

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