

PROFESSIONAL ADVANCED

One-component transparent finish

TECHNICAL DATA SHEET

DESCRIPTION	<p>PROFESSIONAL ADVANCED is a biocide-free, silicone-based clear coating. It provides a perfectly smooth and shiny film that reduces the settlement and facilitates the easy release of fouling organisms on the hull between 24 and 36 months.</p> <p>Suitable for all types of surfaces previously prepared with : PROFESSIONAL EPOXY PROTECT and PROFESSIONAL ADVANCED PRIMER (see our technical data sheets).</p> <p>Can also be used for touch-ups on damaged surfaces.</p>
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Thinner	Thinning is not recommended as it may compromise the effectiveness of the product if the required thickness is not applied.
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Cleaner	Xylene can be used for cleaning equipment.
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Surface conditions	<p>PREVIOUSLY ANTIFOULED SURFACE: Remove antifouling and primers by sandblasting or mechanical sanding in order to return to the bare surface.</p>
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PRIMERS: All preparation for bare substrates is covered on the appropriate primer datasheet : **PROFESSIONAL EPOXY PROTECT** or **PROFESSIONAL ADVANCED PRIMER**.

PREVIOUSLY PROFESSIONAL ADVANCED SYSTEM :
 Remove the entire system by stripping with **PROFESSIONAL REMOVER** in order to return to the surface covered with **PROFESSIONAL EPOXY PROTECT**.

INSTRUCTIONS FOR USE

Mixing	Mix well before use.
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Dry Film Thickness (DFT)

150 microns dry by specific roller/brush (225 to 330 microns wet)

APPLICATION RECOMMENDATIONS



Conditions

Temperature : 10-30°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

Specific roller or brush only

Number of Coats

Apply only 1 coat of 150 microns dry for 24 to 36 months of effectiveness. Apply an additional coat in areas of high abrasion such as the waterline.

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PHYSICAL PROPERTIES

	Drying Times	Dry to the touch: 6 hours at 10°C 3 hours at 20°C 1,5 hours at 30°C	Deep dry: 12 hours at 10°C 6 hours at 20°C 3 hours at 30°C
	Overcoating Times (with itself)	Minimum: 12 hours at 10°C 6 hours at 20°C 4 hours at 30°C	Maximum: 48 hours
	Immersion Time	Minimum: 18 hours at 10°C 12 hours at 20°C 12 hours at 30°C	Maximum: No maximum time.
	Theoretical spreading rate	By roller/brush: 7 m²/L per coat	
	Volatile Organic Compounds	VOC 242g/L	
	Colours	Transparent	

GENERAL INFORMATION

	Storage	<p>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.</p>
	Transportation	This product should be kept in securely closed containers during transport
	Shelf Life	2 years
	Safety Precautions	<p>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.</p> <p>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. Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.</p>