

PROFESSIONAL RACING LONG LIFE

High performance hard matrix antifouling

TECHNICAL DATA SHEET

DESCRIPTION PROFESSIONAL RACING is a high performance hard matrix antifouling with a satin finish. Recommended for fast boats. Effective in all waters with medium and heavy soiling, its formulation gives it a **protection of up to 24 months (black only)**.

Thinner / Cleaner

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: PROFESSIONAL CLEANER

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 the old antifouling is unknown or incompatible with the antifouling to be applied, it should be isolated 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/WOOD: Prime with PROFESSIONAL EPOXY PROTECT or PROFESSIONAL PRIMER PROTECT.

INSTRUCTIONS FOR USE

Mixing Mix well before use.



Immersion Time **24 hours minimum** at 20°C
28 hours minimum at 10°C
Maximum 1 month



Dry Film Thickness (DFT) 50 microns dry by roller/brush (100 microns wet)
 100 microns dry by airless spray gun (200 microns wet)

APPLICATION RECOMMENDATIONS



Conditions **Temperature:** 15-35°C
Ventilation and Humidity Control: Ensure adequate ventilation during use. Substrate temperature should be 3°C above dew point and maximum 35°C.








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)
 or 3 coats of 50 microns dry for 24 months (Total DFT of 150 microns)
By airless spray gun (Professional only)
 Apply 1 coat of 100 microns dry for 12 months (Total DFT of 100 microns)
 or 2 coats of 100 microns dry for 24 months (Total DFT of 200 microns)
In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.


PROFESSIONAL RACING LONG LIFE

High performance hard matrix antifouling

PHYSICAL PROPERTIES

	Drying Times (touch dry)	For 100 wet microns: 30 minutes: at 23°C
	Minimum Overcoating Times (with itself)	For 100 wet microns: 6 hours: at 23°C 14 hours: at 15°C 16 hours: at 10°C
	Theoretical spreading rate	By roller/brush: 10m ² /L per coat for 100 wet microns. By airless spray gun: 5m ² /L per coat for 200 wet microns.
	Volatile Organic Compounds	VOC (As Supplied) 424 g/L average VOC (EU Solvent) 265 g/Kg average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
	Colours	Black Navy Grey

GENERAL INFORMATION

	Storage	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 and Zinc-sprayed surfaces. Can be applied direct over most types of antifouling, provided they are in sound condition, with the exception of PTFE antifouling.
	Shelf Life	2 years
	Safety Precautions	Contains biocides. Antifouling should only be wet sanded. Never dry sand or burn off old antifouling. 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. 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.