



# No.10 Antifouling Hard Cleanable Anti-Fouling EvoCore~1™ Technology

## FEATURES

### Contains No Organotin Compounds

- Proprietary EvoCore~1™ technology increases efficiency and reduces environmentally damaging copper leaching by 30%
- Proprietary leaching matrix binder provides
- Semi-ablative mechanism inhibits the attachment of fouling organisms
- Available in five clean colours
- Minimal colour wash-out when being cleaned
- Suitable for high speed craft and underwater surfaces subject to high turbulence
- Very good static performance
- Very good long term performance

### Approvals:

- HSNO (New Zealand) - Hazardous Substance Approval Code HSR000040
- IMO Tin-Free Certified – 20613/A0 BV

### Limitations of Use:

Some colour variation between batches may occur, also colours may change during storage. If material from different batches is used, carry out thorough “boxing” to ensure a consistent colour is achieved. Depending on conditions full colour may be developed over the first weeks of immersion.

**Do NOT apply to aluminium alloy surfaces.**

## RECOMMENDED USES

### No.10 Antifouling is recommended:

- Where hard wearing season to season effective fouling protection is needed
- On racing yachts that are regularly cleaned
- On power boats, trailer yachts, dinghies etc.
- As a durable boottop for hulls protected with No.5 Ablative Antifouling

### No.10 Antifouling is:

- Compatible over other copper based anti-foulings, where recommended preparation is achieved
- Not suitable for use on aluminium craft, outboard motors, sail drives or stern legs
- Suitable and recommended for use on primed GRP, steel, timber and ferro-cement craft



Data Sheet

## SPECIFICATION DATA

<b>Generic Type:</b>	Tin-Free Proprietary Matrix
<b>Colour:</b>	White, Red, Medium Blue, Dark Blue and Storm Black
<b>Packaging:</b>	4 litre Single component
<b>Flash Point:</b>	44°C
<b>Thinner:</b>	121 Thinner
<b>Storage:</b>	12 months when stored under cool, dry conditions
<b>Density:</b>	1.9 kg per litre (varies with colour)
<b>Volume Solids:</b>	46% ± 0.5%

### Theoretical Coverage Rate:

9.2 sq metres per litre at 50 microns dry

### Recommended Film Thickness Per Coat:

109 microns wet to obtain 50 microns dry  
Two to three coats recommended

163 microns wet to obtain 75 microns dry  
Single coat for 12 months service

**Application:** Spray, brush or roller

### Dry Times (75 µm DFT / 25°C / 50% RH):

To Recoat	Minimum - 4 hours, overnight at 10°C or less
	Maximum - Not critical
To Launch	Minimum - 8 hours, overnight for films in excess of 150 microns dry thickness
	Maximum Not critical

## SURFACE PREPARATION

All surfaces must be sound and free of oil, grease, dirt, loose and flaking paint, moisture and other foreign substances prior to application of No.10 Antifouling.

No.10 Antifouling is designed to be applied over epoxy and single component bottom systems. It is also compatible with a wide range of anti-corrosive and anti-fouling coatings.

No.10 Antifouling must be applied over the epoxy bottom coatings before they have cured hard. Apply No.10 Antifouling when the epoxy is tack free but still soft to finger pressure. If the epoxy has cured too hard, apply another thin coat of epoxy before applying No.10 Antifouling.

No.10 Antifouling can also be applied over a wide range of existing anti-fouling coatings, including most cuprous

oxide containing, copolymer types. Existing anti-fouling must be secure and intact, and must be water blasted clean before applying No.10 Antifouling.

Consult your Altex Yacht & Boat Paint Representative for specific recommendations regarding compatibility with existing anti-fouling systems. When recoating No.10 with itself, light but thorough sanding is recommended.

NOTE: Water blasters should be capable of 3000 psi minimum for effective pre-cleaning

P40 Prepainting Cleaner can be used, diluted 1 : 3 with water, to facilitate bottom cleaning. When using P40 Prepainting Cleaner it is essential that the surface is not allowed to dry until all traces of the cleaner are thoroughly flushed off with large volumes of low pressure water.

## DIRECTIONS FOR USE

### **Mixing:**

No.10 Antifouling is a single component product that requires only thorough mixing before use.

### **Thinning:**

No.10 Antifouling does not normally require any thinning, except possibly in hot windy conditions. No.10 Antifouling is thinned using 121 Thinner, additional coats may be required to attain the correct film thickness.

### **Application:**

No.10 Antifouling can be applied by spray, brush or roller. However, it is strongly recommended that heavy duty airless spray equipment be used to ensure the specified film thickness per coat is applied. Film thickness control is critical to the performance of the coating, as service life is a direct function of film thickness. Additional coats may be required to attain the correct film thickness if the coating is applied by brush or roller.

Suggested spray equipment is:

Air Spray: *Graco* - Delta Air Spray; 1.8 - 2.2mm Fluid Nozzle  
*DeVilbiss* - JGA Gun, D Fluid Nozzle, 64 Air Nozzle

Airless Spray: *Graco* - 30:1 King Pump; 0.015" to 0.021" Tip

(Note : Other equipment equivalent to the above may be used.)

### **Important:**

Film thickness control is **critical**.

Service life is a direct function of film thickness

### **Clean-up:**

Use 121 Thinner

## PRECAUTIONS

See the Altex Coatings Limited General Safety Data Sheet, product label and Material Safety Data Sheet (MSDS) for health and safety information prior to use.

**No.10 Antifouling** is flammable. Keep away from heat, sparks and open flame. Use with adequate ventilation. May cause eye and skin irritation. Do not breathe vapour or spray. Wear suitable protective clothing such as gloves and eye and face protection.

Refer also to the Hazardous Substances & New Organisms (HSNO) information in the Altex Yacht & Boat "General Safety Information" leaflet.

## ALTEX COATINGS LIMITED

Head Office New Zealand	Head Office Australia	DISCLAIMER
91 - 111 Oropi Road Greerton, Tauranga PO Box 142 Tauranga Mail Centre  Phone: +64 7 5411 221 Fax: +64 7 5411 310 <a href="http://www.altexcoatings.co.nz">www.altexcoatings.co.nz</a>	7 Production Avenue Ernest Junction Queensland 4214 Australia  Phone: +61 7 5594 9522 Fax: +61 7 5594 9093 <a href="http://www.altexcoatings.com.au">www.altexcoatings.com.au</a>	This is not a specification and all of the information is given in good faith. Since conditions of use are beyond the control of the manufacturer, information contained herein is without warranty, implied or otherwise., and final determination of the suitability of any information or material for the use contemplated, the manner of use and whether there is any infringement of patents is the sole responsibility of the user. The manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. For application in special conditions, consult the manufacturer for detailed recommendations.