



# No.5 Antifouling

## Copper Based Ablative Anti-Fouling

### FEATURES

#### Contains No Organotin Compounds

- Contains high levels of cuprous oxide
- Self polishing/ablative mechanism inhibits the attachment of fouling organisms
- Available in four clean colours
- Organo-tin free
- Suitable for high speed craft - however, ablation rate will increase when subjected to sustained high speed
- Excellent static performance
- Excellent long term performance

#### Approvals:

NZ HSNO - Approval HSR000035

#### 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. Full colour is developed over the first weeks of immersion.

Do NOT apply to aluminium alloy surfaces.

### RECOMMENDED USES

#### No.5 Antifouling is recommended:

- Where multi-season effective fouling protection is needed
- Where regulations ban or restrict the use of organotin compounds
- On yachts, tenders, dinghies, trailer yachts and power boats

#### No.5 Antifouling is:

- Compatible over other copper based anti-fouling, 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 Ablative Matrix
<b>Colour:</b>	Aurora Red, Seaport Blue, Classic Black and Sea Green
<b>Packaging:</b>	1 and 4 litre Single component
<b>Flash Point:</b>	27°C Setaflash
<b>Thinner:</b>	<b>Do Not Thin</b> Clean up with E10 Thinner
<b>Storage:</b>	12 months when stored under cool, dry conditions

<b>Density:</b>	1.94 kg per litre
<b>Volume Solids:</b>	50%
<b>Theoretical Coverage Rate:</b>	6.7 sq metres per litre at 75 microns dry
<b>Recommended Film Thickness Per Coat:</b>	150 microns wet to obtain 75 microns dry Two coats recommended
<b>Application:</b>	Spray, brush or roller
<b>Dry Times (75 µm DFT / 25°C / 50% RH):</b>	
To Recoat	- Minimum 4 hours
	- Maximum Not critical
To Launch	- Minimum 8 hours
	- 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.5 Antifouling.

No.5 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.5 Antifouling must be applied over the epoxy bottom coatings before they have cured hard. Apply No.5 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.5 Antifouling.

No.5 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.5 Antifouling.

Consult your Altex Yacht & Boat Paint Representative for specific recommendations regarding compatibility with existing anti-fouling systems. Refer also to the No.5 Antifouling Preparation and Recoat decision maker flowchart sheet.

NOTE: Water blasters should be capable of 3000 psi minimum for effective 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.5 Antifouling is a single component product that requires only thorough mixing before use.

### Thinning:

No.5 Antifouling does not normally require any thinning, except possibly in hot windy conditions. No.5 Antifouling is thinned using E10 Thinner, additional coats may be required to attain the correct film thickness.

### Application:

No.5 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 E10 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.5 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

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