



# No.5 Antifouling<sup>NZ</sup>

Copper Based Ablative Antifouling

## FEATURES

- Contains No Organotin Compounds (TBT-free)
- Contains high levels of cuprous oxide
- Self polishing/ablative mechanism inhibits the attachment of fouling organisms
- Available in 4 clean colours
- Organo-tin free
- Suitable for high-speed craft - however, ablation rate will increase when subjected to sustained high speed
- Excellent long-term performance

### Approvals:

Lloyds Register - Recognised TBT-Free Certificate No: LR22419655AF

NZ HSNO Act - Approval No. HSR101519

### 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

### Altex No.5 Antifouling is recommended:

- Where multi-season effective fouling protection is needed
- On yachts, tenders, dinghies, trailer yachts and power boats

### Altex No.5 Antifouling is:

- Compatible over other copper based antifouling, where suitable 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, gelcoat, steel, timber, and ferro-cement craft

Note: Because ablative antifouling works by slowly wearing away to expose fresh biocides, the amount of product applied has a direct bearing on system life.

One coat - per recommended spreading rate (see below) is designed to provide approximately 12 months protection in average conditions. Typically, two coats are applied.

## SPECIFICATION DATA

<b>Generic Type:</b>	Tin-Free Ablative Matrix
<b>Colours:</b>	Aurora Red, Seaport Blue, Classic Black, and Sea Green
<b>Volume Solids:</b>	52%
<b>Density:</b>	1.84 kg per litre
<b>Packaging:</b>	4, and 10 litres
<b>Flash Point:</b>	27°C Setaflash
<b>Thinner:</b>	Altex Thinning Solvent #130
<b>Clean up:</b>	Altex Thinning Solvent #130
<b>Storage:</b>	Store under cool, dry conditions
<b>Shelf Life:</b>	24 months at 24°C

When kept at recommended storage conditions and in original unopened containers. For products/components exceeding the stated shelf life, contact Technical Services for further advice.

<b>VOC:</b>	414g per litre
<b>Theoretical Coverage Rate:</b>	6.9 sq metres per litre at 75 microns dry
<b>Recommended Film Thickness Per Coat:</b>	145 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
May be applied over AY&B Epoxy Primer up to 48 hours after application	
NOTE: Minimum self-recoat should be extended to overnight when full coat/s of epoxy has been applied.	
<b>IMPORTANT:</b> Failure to adhere to recoat times and launch times will likely cause deformities in the film and impact the antifouling performance.	

## 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 both two component and single component Altex bottom systems. It is also compatible with a wide range of anti-corrosive and anti-fouling coatings, including most cuprous oxide containing, copolymer types.

Consult your AY&B Representative for specific recommendations regarding compatibility or repairs to existing coatings.

### Primers:

**Two Pack:** No.5 Antifouling is usually applied over **AY&B Epoxy Primer** or **AY&B Epoxy Barrier Undercoat**. Apply No.5 Antifouling when the Epoxy Barrier Undercoat 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 – Refer to AY&B Epoxy Primer data sheet for recoating times with No.5 Antifouling.

**Single Pack:** Use either **AY&B PrimaShield Antifouling Sealer**, (for sealing unknown antifouling / spot repairs) or **AY&B MultiPurpose Primer**.

**Repainting:** High pressure water clean (5,000 – 10,000 psi / 330 – 660 bar) to remove all marine growth, hydrolysed antifouling, salts, loose paint and any other foreign matter.

**OR:** Low pressure water clean (3,000 psi / 200 bar minimum) to remove all marine growth, hydrolysed antifouling, salts, loose paint, and any other foreign matter.

AND - Wet sand the surface with 80 grit sandpaper to ensure total removal of any remaining contaminants, including residual hydrolysed antifouling and slime. Rinse thoroughly.

The cleaned surface, once dry should be free of any powdered antifouling residues and should be inspected for defects in the film. Existing anti-fouling must be secure and intact, and not excessively overbuilt.

Repairs to the coating system should be completed before the application of any subsequent coat of antifouling. To ensure good adhesion, any exposed primers / undercoats should be thoroughly sanded (p80 grit), dedusted & coated with the appropriate primer before application of any antifouling.

Thorough wet sanding is recommended at the waterline, as the wet / dry cycle and UV exposure can cause premature failure if brittle or crazy cracked coatings remain.

## DIRECTIONS FOR USE

### Mixing:

This product contains a high level of cuprous oxide. As a result, there is a tendency for settling to occur. It is necessary to thoroughly power mix before using. Check the bottom and sides of the can to ensure all the pigment has been mixed in. Stir occasionally during use to re-distribute any settling that may occur during application.

### Thinning:

For spray application, No.5 Antifouling does not normally require any thinning, except possibly in hot windy conditions. Thin, if required with Altex Thinning Solvent #130. For brush/roller application, additional judicious thinning may be required.

### 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.

**Clean-up:** Use Altex Thinning Solvent #130

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; 0.019" to 0.023" Tip

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

Roller: Use a short nap (3/16" / 5mm) solvent proof roller. Additional coats will be required to attain the correct film thickness if the coating is applied by brush or roller. *(Typically two spray applied coats (at 75 microns each) requires three roller applied coats to achieve the same film thickness)*

### **Important:**

Film thickness control is **critical**. Service life is a direct function of film thickness

## PRECAUTIONS

For DIY & Professional Use: Read and follow all the caution statements on this Product Data Sheet, the product label, and the Safety Data Sheet (SDS) for health and safety information prior to use. Refer also to the Hazardous Substances & New Organisms (HSNO) information in the Altex Yacht & Boat "General Safety Information" leaflet.

**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.

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### **Important Information**

*No antifouling paint can be effective under all conditions of exposure, and the performance of this antifouling product depends on many factors beyond the control of the manufacturer, including but not limited to, variables during application and curing, climatic and environmental conditions both global and local during exposure, and acts of nature. Some fouling species may become resistant to the approved biocides used in this product. We cannot and do not warrant that this product will be suitable for your particular purpose or application and no liability whatsoever is accepted by us. Any information provided by us is provided as a guide only, based on our field experience and raft trials. It is provided without warranty, express or implied. It is your sole responsibility to determine the suitability of the antifouling product for the use contemplated. Ensure you have the latest product datasheet and material safety data sheet from the manufacturer or supplier. Check the data sheet issue date with the listings at [www.altexcoatings.com](http://www.altexcoatings.com). Altex Terms and Conditions of Trade, available at [www.altexcoatings.com](http://www.altexcoatings.com), apply in respect of all coating products and materials supplied, including samples.*

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