

### FEATURES

**Advantages:**

- High performance TBT-free (Tri-Butyl Tin-free) antifouling – contains high levels of cuprous oxide
- Self polishing/ablative mechanism inhibits the attachment of fouling organisms
- Excellent static exposure performance
- Controls common types of fouling for periods up to 36 months, depending on sailing pattern and applied system
- Increased periods between dry dockings leading to a reduction in operating costs

**Limitations of Use:**

- Not suitable for aluminium vessels unless used as part of a full Altex Coatings ZECA system

**Approvals**

NZ HSNO Act – Approval HSR000035

Meets IMO 2003 Tin-Free Regulations; MEPC.102(48) – Independently tested and certified by PRA reference; 07/269/NP-C .

Bureau Veritas IMO Type Test Approval Certificate No. 20612/AO BV

### RECOMMENDED USES

**Sea~Barrier 3000 is a high performance, ablative antifouling coating**

**Sea~Barrier 3000 is recommended for use where:**

- Regulations ban the use of organo-tin based products

**Sea~Barrier 3000 is the ideal antifoul coating for:**

- Maintenance Docking
- New Building

### SPECIFICATION DATA

<b>Coating Type:</b>	Ablative Matrix
<b>Colour:</b>	Copper Black, Deep Red. Ocean Blue
<b>Packaging:</b>	4 and 10 litre Single component
<b>Flash Point:</b>	37°C Setaflash
<b>Thinner:Do NOT Thin</b>	Clean up with Altex 1 / 2 Thinner
<b>Shelf Life:</b>	12 months when stored under cool, dry conditions

<b>Density:</b>	1.84 kg per litre
<b>VOC:</b>	414g per litre
<b>Volume Solids:</b>	52%
<b>Theoretical Coverage Rate:</b>	5.2 sq. metres per litre at 100 microns dry 6.9 sq. metres per litre at 75 microns dry
<b>Recommended Film Thickness Per Coat:</b>	192 microns wet to obtain 100 microns dry 144 microns wet to obtain 75 microns dry
<b>Application:</b>	Spray, Brush or Roller
<b>Recommended Dry Times(100µm DFT / 25°C / 50% RH):</b>	
Dry to Recoat :	Minimum 6hours Maximum – not critical
To Launch:	Minimum 8 hours

## 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 Sea-Barrier 3000 Anti-Fouling.

Sea-Barrier 3000 Anti-Fouling is designed to be applied over Altex Coatings epoxy bottom systems. It is also compatible with a wide range of anti-corrosive and anti-fouling coatings.

Sea-Barrier 3000 anti-fouling must be applied over the epoxy bottom coatings before they have cured hard. Apply Sea-Barrier 3000 Anti-Fouling 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 Sea-Barrier 3000 Anti-Fouling.

If the epoxy has cured too hard, apply another thin coat of epoxy before applying Sea-Barrier 3000 Anti-Fouling.

Sea-Barrier 3000 Anti-Fouling 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 Sea-Barrier 3000 Anti-Fouling.

Consult your Altex Coatings Representative for specific recommendations regarding compatibility with existing anti-fouling systems.

## DIRECTIONS FOR USE

### Mixing:

Before use Sea-Barrier 3000 Anti-Fouling must be thoroughly stirred, preferably with an air-powered mixer, to ensure a homogenous condition without any settlement remaining on the bottom of the container.

### Thinning:

Sea-Barrier 3000 anti-fouling does not require any thinning, except possibly in hot windy conditions. Sea-Barrier 3000 Anti-Fouling is thinned using Altex 1 / 2 Thinner, additional coats may be required to attain the correct film thickness.

### Application:

Sea-Barrier 3000 Anti-Fouling can be applied by either conventional spray or airless spray equipment

Suggested spray equipment is:

Air Spray:                    *Graco Delta* – 2.8mm (0.110") setup  
                                      *DeVilbiss* – JGA Gun, D fluid nozzle, 64 Air Nozzle

Airless Spray:                    *Graco* - 35:1 pump, Silver Gun

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

### Important:

Whilst Sea-Barrier 3000 antifouling can be applied by spray, brush or roller, 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.

### Clean-up:

Use Altex 1/2 Thinner

## PRECAUTIONS

For industrial use only. 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.

**Sea-Barrier 3000** 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.

## ALTEX COATINGS LIMITED

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