

Sea~Barrier 1000

Economical Ablative Antifouling

FEATURES

Advantages:

- TBT-free (Tri-Butyl Tin-free) antifouling
- Self polishing/ablative mechanism inhibits the attachment of fouling organisms
- Cost effective performance for commercial applications
- Controls common types of fouling for periods up to 12 months, depending on sailing pattern and applied system
- Compatible with most suitably prepared copper based anti-foulings

Limitations of Use:

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

Approvals

NZ HSNO Act - Approval HSR00035

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

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

RECOMMENDED USES

Sea~Barrier 1000 is a cost effective ablative antifouling coating, designed for commercial applications

It is recommended for use where:

- Regulations ban the use of organo-tin based products

Sea~Barrier 1000 is the ideal antifoul coating for:

- In-shore commercial vessels and barges subject to light to medium duty
- Marine farm equipment
- Use on bottom flats and as a boot-top in conjunction with Sea~Barrier 3000 on critical areas

Note

For 18 – 24 months service refer to Sea~Barrier 3000 ablative anti-fouling

SPECIFICATION DATA

Coating Type:	Tin Free Ablative Matrix
Colour:	Red, Black and Blue
Packaging:	10 litre Single component
Flash Point:	37°C Setflash
Thinner:Do NOT Thin	Clean up with Altex 1 / 2 Thinner
Shelf Life:	12 months when stored under cool, dry conditions

Density: 1.79 kg per litre

VOC: 414g per litre

Volume Solids: 52%

Theoretical Coverage Rate:
5.2 sq. metres per litre at 100 microns dry

Recommended Film Thickness Per Coat:
192 microns wet to obtain 100 microns dry

Application: Spray, Brush or Roller

Recommended Dry Times(100µm DFT / 25°C / 50% RH):

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 AF1000[®] Anti-Fouling.

Sea-Barrier 1000 Anti-Fouling is designed to be applied over Altex Coatings Chem-bar 3500[™] Primer or epoxy bottom systems. It is also compatible with a wide range of anti-corrosive and anti-fouling coatings.

Sea-Barrier 1000 anti-fouling must be applied over the epoxy bottom coatings before they have cured hard. Apply Sea-Barrier 1000 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 1000 Anti-Fouling.

Sea-Barrier 1000 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 1000 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 1000 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 1000 antifouling does not require any thinning, except possibly in hot windy conditions Sea-Barrier 1000 Anti-Fouling is thinned using Altex 1 / 2 Thinner, additional coats may be required to attain the correct film thickness.

Application:

Sea-Barrier 1000 antifouling 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 1000 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 1000 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

Head Office New Zealand

91-111 Oropi Road
Greerton, Tauranga
PO Box 142
Tauranga Mail Centre

Phone: +64 7 5411 221
Fax: +64 7 5411 310

www.altexcoatings.co.nz

Head Office Australia

7 Production Avenue
Ernest Junction
Queensland 4214
Australia

Phone: +61 7 5594 9522
Fax: +61 7 5594 9093

www.altexcoatings.com.au

DISCLAIMER

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.