

FORMINEX MARINE SYSTEMS TRADITIONAL ANTIFOULING

DESCRIPTION: **Marine Systems Traditional Antifouling** is a vinyl resin based antifouling that contains 985 g/litre of cuprous oxide pigment. It has a leaching mechanism that inhibits fouling growth. It is formulated for easy non-drip application by brush, roller or spray. Marine Systems Traditional Antifouling has properties that ensure easy inter-coat adhesion, as it actually chemically bonds onto the previous coat.

USES: Marine Systems Traditional Antifouling is suitable for use on wood, steel, ferro-cement and GRP (fibreglass) hulls, that travel at sustained cruising speeds below 28 knots.

NOTE: Because of its copper content, Marine Systems® Traditional Antifouling is not to be used on aluminum hulls, stern drives or sail drive installations, propellers, anodes, brass, bronze, or their alloys.

DIRECTIONS FOR USE: Can be applied by brush, roller or spray. NOTE: We do not recommend the use of foam rollers as they add air to the Antifouling and shorten its life.

APPLICATION: **New timber hulls** - Ensure the surface is clean and dry surface prior to sanding. Prime the surface using Forminex Timber Preservative (Refer data sheet). Apply 2 coats Forminex Epoxy Sanding Primer. Then apply 2 coats of Marine Systems Traditional Antifouling, with an extra coat on the waterline and leading edges of keels and rudders.

Steel hulls - Remove construction primer, contaminates or corrosion by abrasive blasting in accordance with A.S.1627 part 4, Class 3 minimum. (For small areas a coarse disk grind may be sufficient). Apply 50 microns (2 coats) of Forminex E2 Epoxy Primer, then 250 microns (2 coats) of Forminex Epoxy Sanding Primer (Undercoat). Apply 2 coats of Marine Systems Traditional Antifouling with an extra coat on the waterline and leading edges of keels and rudders.

New GRP hulls - Clean surface with Forminex Epoxy Thinners. Lightly wet sand with 150 - 180 waterproof paper using water mixed with a small quantity of industrial detergent. Ensure detergent is thoroughly rinsed off with fresh water and the surface is allowed to dry thoroughly. Apply 2 coats of Forminex-Marine systems LV Epoxy Sheating Resin (4:1). Then apply 2 coats of Forminex Epoxy Sanding Primer (Undercoat). Apply 2 coats of Marine Systems® Traditional Antifouling with an extra coat on the waterline and leading edges of keels and rudders.

Application over existing Antifouling - If the old antifouling coat is sound and well adhered to hull, fresh high water pressure wash to remove any remaining growth that has attached itself to the surface. Wet sand with 150-180 grit waterproof paper. Apply 2 coats of Marine Systems® Traditional Antifouling with an extra coat on the waterline and leading edges of keels and rudders.

Forminex Marine Systems Traditional Antifouling can be applied directly over most existing antifouling. If applying over ablative antifouling, application should be by spray only.

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Shipway Spescoat

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NOTE: High build-ups of existing antifouling will reduce the effectiveness of the new coating. Remove old antifouling using Forminex Antifouling stripper. This type of stripper will not damage fibreglass. Alternatively remove old coatings by thorough wet sanding. Apply one coat of Forminex Vinyl Primer. Apply 2 coats of Forminex Marine Systems Traditional Antifouling with an extra coat on the waterline and leading edges of keels and rudders.

MAINTENANCE: Fresh water pressure wash to remove any marine growth that has attached itself to damaged areas of hull. Touch up damaged areas with a minimum 3 coats of Forminex Vinyl Primer. Apply 2 coats of Marine Systems Traditional Antifouling with an extra coat on the waterline and leading edges of keels and rudders.

THINNING: Use only Forminex Vinyl Thinners

THINNING RATE: For Brushing or rolling thin 5 - 10% at 20°C and 10 - 15% at 30°C. For Spray application thin 15 - 30% depending on spray equipment being used.

TEMPERATURE/CONDITIONS: Do not apply if surface or air temperature is below 10°C or over 30°C or if relative humidity is above 80%. Avoid painting in direct sunlight.

DRYING TIMES: Touch dry 10 minutes at 20°C. Recoat: Minimum 3 hours at 20°C.

COVERAGE: 5 m² per litre per coat. Note: Whilst it is possible to apply the coating at higher coverage rates the anti-foul performance of the coating will be significantly decreased if this application rate is not followed.

LAUNCH TIME: Minimum 8 hours. Maximum 4 weeks at 20°C.

NOTE: Launching boat prior to minimum time may cause product failure. If left longer than 4 weeks lightly wet-sand using 150-180 grit wet & dry abrasive paper prior to launch.

CLEAN UP EQUIPMENT: Forminex Vinyl Thinners.

PRECAUTIONS:

Do not contaminate waterways with paint, dust and scrapings or used containers.

Do not dry sand Antifouling.

REGISTRATIONS & APPROVAL: This product is registered with the Australian Pesticides and Veterinary Medicine Authority. APVMA reg No. 48965. Registration is mandatory for antifouling coatings. Protect yourself and your environment by only using APVMA registered antifouling coatings.

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SAFETY INFORMATION SUMMARY:

The following information is a general guide only. Industrial users (ie where the product is being used in the workplace) are legally required to have available a Material Safety Data Sheet on this product. If you are unsure if you have an MSDS on this product please contact Shipway Spescoat and one will be provided. MSDS's are also readily available from our web site www.shipways.com.au.

Safety Directions: **KEEP OUT OF REACH OF CHILDREN – DO NOT SWALLOW.** Breathing the vapour is harmful and may cause lung irritation. Avoid contact with skin and eyes. Wear suitable, protective clothing, eye protection and impervious gloves when mixing and using. Handling and usage of this product must be carried out under well ventilation conditions that prevent inhalation of vapours, dust or mist. Use the appropriate breathing equipment (refer to Aust Stand. 1716) when ventilation is restricted. Keep containers closed when not in use. Eliminate any source of ignition (open fires, pilot lights, furnaces, spark producing switches etc.) as this product is flammable. **DO NOT SMOKE.** Take precautionary measures against static discharges. Used clean up rags may spontaneously ignite. To avoid ignition immerse in water or store in a sealable glass container.

First Aid Instructions: If affected by inhalation, remove to fresh air. If breathing difficulty persists or occurs later, consult a doctor. If swallowed, **DO NOT INDUCE VOMITING** drink plenty of water and seek medical advice. Contact a Doctor of Poisons Information Centre (Phone 131126). If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. If irritation occurs seek prompt medical advice. Immerse contaminated clothing in water for 24 hours and do not use until laundered. In case of eye contact, hold eyes open and flood with running water for at least 15 minutes seek medical advice.

Leaks, Spills and Disposal: To prevent ignition of fumes product shut off all ignition sources. Contain or shut off leak if safe to do so. For large leaks or spills of volatile, flammable product, use respiratory protection, protective apparel and footwear. Spills should be absorbed either with rags (small spill) or dry sand/earth (large spill). In the case of flammable product spillage, use spark free implements to place rags or absorbed material into a solvent resistant container. Cover with water for 24 hours before disposal. DO NOT pour left over product down the drain – retain it in marked sealed container for future use or disposal through chemical waste collection programs. Dried empty cans can be recycled and should be disposed of via council steel recycling facilities.

Fire: Use foam and breathing apparatus. Avoid breathing products of combustion

Manufactured by : **SHIPWAY SPESCOAT**
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