



PROP DEFENDER

PROPELLER FOULING PROTECTION

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Application Instructions

Thoroughly review product label, application instructions and Material Safety Data Sheet (MSDS) for safety and cautions prior to using this product.

Glass reinforced Foul Release System for Propellers and Running Gear.

Designed to create a long lasting 'non-stick' coating on the propellers and shafts of a vessel, to keep surfaces free of marine fouling.

Suitable for use on stainless steel, bronze, nibral or aluminium.

The finished coating is completely free of solvents, toxins and biocides and will not affect the water or the marine environment. No primer coat required and therefore may be applied with confidence by owners and professional applicators.

The coating will give lasting protection and will eliminate prop drag and improve fuel efficiency.

CONTENTS – APPLICATION KIT

- Preparation Paste – 100ml
- Final Detergent Solution – 100ml
- Foul Release Top Coat – 2 x 100ml
- Paint Stirrers x 2
- P180 Foam Backed Glass Paper x 2
- Protective Gloves
- Foam Paint Brush x 2
- Comprehensive application instructions

DIRECTIONS

Surface Preparation – bare metal

It is essential that good surface preparation is carried out. Ensure surface is free of all forms of fouling such as coral worm or barnacles, if necessary acid wash. Remove anodes or protect them by applying masking tape.

Use 4" stripper disk in angle grinder or an electric drill and thoroughly abrade surface to remove all surface contamination. Take care, do not change the propeller profile.

Disclaimer

Whilst every precaution is taken to ensure that all information supplied in this method statement is accurate and as useful as possible, Marlowe von Groote cannot assume responsibility nor incur any obligation resulting from the use of any materials, coatings, or methods specified. The user of this method statement, as well as the user of all products or practices described, is responsible for instituting appropriate health and safety practices and for ensuring compliance with all governmental regulations.

Degreasing & Surface Preparation

Wear protective gloves and eye protection. Product and ambient temperature should be minimum 5°C, maximum 35°C. Apply small amount of degreasing/preparation paste to the P180 Glass Paper and thoroughly scrub metal surface with the paste and the glass paper. The paste penetrates the pores of the metal. Scrub until all ingrained black marks are removed. Prepare detergent solution by adding concentrate detergent solution into pail containing 500ml of water. Thoroughly scrub all the surfaces to remove all traces of paste. Rinse surfaces with fresh water. Leave to dry. It is essential that metal surfaces are clean and grease free and once cleaned are not touched by fingers, hand or bare skin as the natural oils will contaminate the surface – wear rubber protective gloves.

TOP Coat Application

Prepare

Open tin of Top Coat and stir well with paint stirrer.

Application

All surfaces should be clean and dry and check that condensation or rain will not occur during application or drying. Using the paint brush apply one even thin coat of Top Coat. Do not apply too much coating as it may run, at 100 micron it will form a good even cover. When applying the coating use a horizontal followed by a vertical action to 'lay off' the coating, this will give a smooth finish.

After application the brush cannot be used again. The second coat should be applied after approximately 3 hours (temperature dependant) using the second brush when the Top Coat has become touch dry. The second coat is applied using the same technique. Wait for 24 hours before vessel is returned to water. Full cure 3 days – do NOT use propellers during this 3 day period.