PETTIT PAINT®

PROP COAT BARNACLE BARRIER

- Provides superior underwater metal corrosion protection
- Excellent adhesion to clean metals
- Dried paint film contains highest amount of pure Zinc
- Fast dry formula

PROTECTS ALL UNDERWATER METAL SURFACES

Prop Coat Barnacle Barrier 1792 provides protection for all bare metals including aluminum, steel, stainless steel, cast iron, copper, bronze, galvanized steel, and lead. It forms an excellent bond to underwater metals and running gear, inhibiting corrosion, and providing a layer of protection to these surfaces. Prop Coat Barnacle Barrier's smooth, hard surface will self-clean in service, and can be used above or below the waterline. The dried film of Prop Coat Barnacle Barrier contains the highest amount of pure Zinc available. Proper application and use of aerosol will not inhibit operation of folding propellers.

Gray

Note: Color differences may occur between actual color chips shown.

TECHNICAL INFORMATION

VEHICLE TYPE: Modified Epoxy
FINISH: Flat
COMPONENTS: 1
CURING MECHANISM: Solvent Release
SOLIDS BY WEIGHT: 55%
COVERAGE: 10 ft_2 16 oz. Aerosol
70 ft_2 Liquid Quart
VOC: 487 grams/liter Liquid Quart
60% max Aerosol
APPLICATION METHOD: Brush, Roller or Spray
NUMBER OF COATS: 1 – 2 Liquid
2 – 3 Aerosol
DRY FILM THICKNESS PER COAT:
2 mils Liquid
1.5 mils Aerosol

APPLICATION TEMP: 50°F Min / 90°F Max
THINNER/ CLEANUP: 120 Brushing Thinner
DRY TIME: Minimum time in hours **(LIQUID)**

	TO RECOAT	TO LAUNCH
90°F	1/2	1
70°F	1	2
50°F	2	4

DRY TIME: Minimum time in hours **(AEROSOL)**

	TO RECOAT	TO LAUNCH
90°F	1/2	16
70°F	1	24
50°F	2	48

The above dry times are minimums. Prop Coat Barnacle Barrier may be recoated after the minimum time shown. There is no maximum dry time before launching.

AEROSOL: Shake the can of paint for at least two minutes after the mixing ball begins to rattle. When done spraying, clean valve by spraying upside down for 2-3 seconds until no more paint comes out. If valve clogs, carefully remove spray tip and clean in thinner. Do not stick pins or sharp objects into can or valve.

LIQUID: Prop Coat Barnacle Barrier is loaded with Zinc. As a result of this there is a tendency for settling to occur, especially if the paint has been on the shelf for several months. It is necessary to thoroughly mix the paint before using. If possible, shake the can of paint on a mechanical paint shaker. Before using check the sides and bottom of the can to make sure all the pigment has been mixed in. If mixing is going to be done with a wooden paddle or an electric drill mixer, pour off half of the liquid from the top of the can into another can and then properly mix in any settled pigment; then remix the two parts together thoroughly.

COATING PERFORMANCE, IN GENERAL, IS PROPORTIONAL TO THE DEGREE OF SURFACE PREPARATION. FOLLOW ALL RECOMMENDATIONS VERY CAREFULLY, AVOIDING ANY SHORTCUTS.

SURFACE PREPARATION: All metal surfaces must be free of all old coatings, dirt, rust, oil, grease, wax, soap and any other foreign matter. Clean metals by sandblasting, sanding or wire brushing. Ensure a 2 to 4 mil etch profile in the surface is achieved. Blow off all sanding residue with clean air or vacuum all residue off the surface, wipe clean with Pettit 120 Brushing Thinner and immediately apply a coat of Prop Coat Barnacle Barrier. Apply additional coats per instructions on overcoat times.

LIQUID APPLICATION INFORMATION: Prop Coat Barnacle Barrier may be applied by brush, roller, conventional or airless spray. For brush or roller application apply without thinning, although in hot weather 5 -10% Pettit 120 Brushing Thinner may be added to maintain a wet edge. For best results on large smooth surfaces roll out using a short nap or foam roller followed immediately by leveling off with the tip of a brush. For conventional air spray application, thin 5-10% with Pettit 121 Spraying Thinner to ensure a smooth finish with minimal orange peel. For airless spray application, thin up to 5% with Pettit 121 Spraying Thinner. Utilize a .017-.019-inch diameter tip for application. Do not apply when rain is threatening or in the late afternoon when working outdoors as the wet film may be adversely affected by dew.

AEROSOL APPLICATION INFORMATION: Shake can vigorously for at least two minutes after mixing balls begin to rattle. Shake often during use. Hold can upright 8 - 12 inches from the surface and spray in a steady back-and-forth motion, slightly overlapping each stroke. Keep the can the same distance from the surface and in motion while spraying. Apply in thin coats. Allow no more than 5 minutes between two or three thin coats, otherwise allow to dry one hour before applying additional coats. When finished spraying, clear spray valve by turning can upside down and spraying until no more paint comes out. If valve clogs, twist and pull off spray tip and rinse it in a solvent such as mineral spirits. Do not stick a pin or other object in the stem.

Topcoat Application: To extend the service life of Prop Coat Barnacle Barrier in order to achieve multi-season performance, Prop Coat Barnacle Barrier may be top coated with any Pettit Antifouling Paint. When top-coating Prop Coat Barnacle Barrier which has been applied to aluminum surfaces, always use a non-cuprous oxide antifouling paint such as Vivid, Black Widow, ECO HRT, or Hydrocoat ECO to prevent the possibility of galvanic corrosion from occurring. Follow the Topcoat times shown in the table above.

NOT FOR USE ON FIBERGLASS OR WOOD.

MAINTENANCE: No paint can be effective under all conditions of exposure. Man-made pollution and natural occurrences can adversely affect paint performance. Extreme hot and cold-water temperatures; silt, dirt, oil, brackish water and even electrolysis can ruin a paint. Therefore, we strongly suggest that the bottom of the boat be checked regularly to make sure it is clean and that no growth is occurring. Lightly clean the bottom with a sponge or cloth to remove anything from the paint surface. Cleaning is particularly important with boats that are idle for extended period of time.