



Prop Coat Barnacle Barrier

Protects Underwater Metals

- Provides superior underwater metal corrosion protection
- Excellent adhesion to clean metals
- Dried paint film contains the highest amount of pure Zinc available
- Fast dry formula in an easy to use aerosol spray can or quart for large applications

Technical Bulletin 1792 - 1/18

Technical Information



Part Number: 1792
Vehicle: Modified Epoxy
Finish: Flat
Color: Gray
Components: 1
Solids (theoretical): 55% by weight
Coverage: 70 ft²/qt liquid
10 ft²/16 oz. aerosol
VOC: 487 g/l gal liquid
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 Temperatures: 50°F - 90°F

Dry Time (Hours) Liquid	To Recoat		To Launch
90°F	1/2		1
70°F	1		2
50°F	2		4

Dry Time (Hours) Aerosol	To Recoat		To Launch
90°F	1/2		16
70°F	1		24
50°F	2		48

Thinner: Pettit 120 Brushing Thinner
Cleanup: Pettit 120 Brushing Thinner



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.

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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.

Application Information



Aerosol Application Information: Shake can vigorously for at least two minutes after mixing balls begin to rattle. Shake often during use. Hold can upright 12 to 16 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.

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. 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.

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, Ultima ECO 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