

# BIO-BLUE

## Hull Surface Prep 92

- De-waxes, etches, cleans, degreases and prepares bare fiberglass for painting
- Works on fiberglass and aluminium surfaces
- Biodegradable with no VOC content
- Easy to use formula
- Part of an easy 1-2-3 system of bottom painting



Bio-Blue® Hull Surface Prep 92 is a powerful blend of cleaning agents and silica grit that de-waxes, etches, cleans and prepares bare fiberglass for painting. Regardless of the boat's age, the initial surface preparation is imperative. Residual parting agents utilised by the boat manufacturer to "pop" the boat from the mould may still be present, although not visibly apparent. This solvent-free product is designed to provide an easy and trouble-free method of removing unwanted contaminants, grease, wax, dirt and mould release agents from fiberglass surfaces prior to painting. When used in conjunction with Pettit Protect® High Build Epoxy Primer and antifouling paint, it is part of an easy 1-2-3 system of bottom painting.

TECHNICAL INFORMATION	
<b>VEHICLE</b>	Blue Viscous Liquid
<b>COMPONENTS</b>	One
<b>COVERAGE</b>	15m <sup>2</sup> /litre
<b>VOC</b>	0 grams/litre (max)
<b>pH</b>	8.0 to 9.0
<b>FLASH POINT</b>	None
<b>APPLICATION METHOD</b>	Short nap 10mm roller
<b>NUMBER OF APPLICATIONS</b>	1
<b>APPLICATION TEMPERATURE</b>	3°C Min / 32°C Max
<b>DRY TIME PRIOR TO PAINTING</b>	1 Hour min.
<b>PACKAGING</b>	1 Quart Container (0.95 litres)
<b>SHELF LIFE</b>	24 Months from date of manufacture

**ASSOCIATED PRODUCTS:** EZ Prime, Pettit EZ Bilge, Pettit EZ Poxy, Pettit Protect High Build Epoxy Primer, Hydrocoat® Antifouling Paints

Bio-Blue is loaded with abrasives. 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.

Adhere to all application instructions, precautions, conditions and limitations to obtain optimum performance. Refer to individual labels and tech sheets for detailed instructions when using associated products, etc.

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



**DIRECTIONS FOR USE:** Pour out some of the Bio-Blue into a roller pan, then using a short nap roller (10mm maximum), apply the Bio-Blue Hull Surface Prep to an area of approximately 1.5m x 1.5m. Once the area has been covered with the Bio-Blue, scrub the surface using a fine to medium Scotch-Brite® pad. The scrubbing should be done by hand in a circular motion. Be sure to wear splash goggles and rubber gloves and do not let Bio-Blue come in contact with your skin. Be sure that all areas coated with the 92 Bio-Blue have been scrubbed with the Scotch-Brite® pad. Stay within 1.5m x 1.5m area and do not attempt to scrub beyond this area once the Bio-Blue has been rolled on. After the section has been scrubbed, wipe the area with a wet sponge until all of the Bio-Blue and scrubbing residue has been completely removed from the surface. Rinse sponge and change rinse water often. Where feasible, hose off the surface residue and residual Bio-Blue with fresh water. Continue prepping the hull in this manner until the entire surface to be painted has been thoroughly cleaned. The gel coat should have a frosty look when the surface has been properly prepared.

**2 STEP METHOD (GOOD SYSTEM):** Thoroughly clean and prep hull using Bio-Blue and a Scotch-Brite® pad as described above. Make sure that the entire surface has a dull, frosty finish. Wipe surface to remove any excess moisture and apply two coats of any Hydrocoat Antifouling Paint.

**3 STEP METHOD (BETTER SYSTEM):** Thoroughly clean, de-wax, and etch the surface with Bio-Blue Hull Surface Prep using a medium Scotch-Brite® pad. Thoroughly rinse all residue from the surface and let dry. Then apply one coat of Pettit Protect High Build Epoxy Primer. Consult the primer label for complete application and antifouling topcoating instructions. Apply two coats of Pettit antifouling paint. See Pettit Protect User Manual for complete detailed instructions.

**CLEAN-UP:** Remove excess uncured sealant from surfaces and tools with 120 Brushing Thinner. Excess cured sealant must be cut or scraped away. Do not use 120 Brushing Thinner to clean hands or skin. Wash hands or skin with soap and water.

**STORAGE:** Store chemicals indoors, away from direct sunlight, sources of heat and egress pathways. Hazardous chemicals must be stored below eye level. Do not store chemicals on the floor, window ledges, or balconies. Keep containers closed unless you are dispensing a chemical or adding to the container. Label containers and be sure container is compatible with the chemicals. Keep out of reach of children.

**BARRIER COAT (BEST SYSTEM):** After the surface has been de-waxed, sand thoroughly with 80-grit production paper to a dull, frosty finish and re-wash the sanded surface with 120 Brushing Thinner to remove sanding residue. Fiberglass bottoms potentially can form osmotic blisters within the gelcoat and into the laminate. To render the bottom as water impermeable as possible, prepare the fiberglass surface as mentioned, then apply two or three coats of Pettit Protect High Build Epoxy Primer per label directions. Apply two coats of Pettit antifouling paint. See Pettit Protect User Manual for complete detailed instructions.

**TOPSIDE PAINT:** The entire surface to be painted, regardless of age, must be thoroughly scrubbed with Bio-Blue to remove all traces of mould release agents and wax. Sand the gel coat with 120 grit sandpaper to a dull, frosty appearance, solvent clean with 120 Brushing Thinner to remove residue. If the surface is in excellent condition, proceed with the first finish coat of Pettit topside paint. If the surface is rough or imperfections exist, it will have to be repaired. Fill all nicks and gouges with EZ Fair Epoxy Fairing Compound, sand flush when hard, then solvent clean. Follow with a coat of EZ Prime to smooth the surface and provide a uniform base; sand well and solvent clean. Proceed with the first finish coat of Pettit topside paint.