

BLUE WATER MARINE PAINT

Bottom Protect 70™ TECHNICAL DATA SHEET

Revision date:
May 2020



BOTTOM PROTECT 70™ is a two component epoxy primer (4:1 mix ratio) with excellent adhesive properties on sanded fiberglass and as an anti-corrosive primer on properly prepared metal substrates such as aluminum, steel and lead. Can be applied by spray or roller for large surfaces and by brush for small areas and touch up. Generally used as part of a system for below the waterline but can be used as a primer in topsides applications as well. Ideal for application to sanded fiberglass for osmosis prevention and as an anti-osmosis treatment. Provides a seamless high build epoxy coating that renders a water barrier that eliminates any direct path for water migration.

Suggested Uses: Barrier Coat on Fiberglass and for Metal Priming

Colors: White and Medium Gray

Finish: Matte

Vehicle Type: Modified Epoxy

Solids By Volume: 70% +/- 1.0%

VOC Content: 191 grams/liter

Weight per Gallon: 11.0 +/- 0.2 pounds

Recommended Dry Film Thickness: 10 mils

Coverage: Approximately 112 square feet per gallon at 10 mils DFT

Pot life: 4 - 6 hours

Shelf Life: 24 months minimum

Average Dry Time: Dries to touch in 4 - 6 hours at 75 degrees. Can be overcoated with itself or other epoxy primers and most antifouling paints.

Recommended Reducer: For spray application use Thinner 975 For roller or brush applications use Thinner 974 or 976

Clean Up: Use Thinner 975 or 976

Recommended Finish: Various depending on service intended.

Surface Preparation: Surface must always be clean, dry and properly prepared prior to painting. Failure to do so will lead to eventually blistering and/or peeling. High pressure fresh water clean and allow to thoroughly dry prior to painting.

General Application: Primarily for use as a high build barrier coat primer on sanded fiberglass but can also be used as a general purpose primer on metal surfaces. Apply by spray, roller or brush. If reduction is desired, see above. Add up to 10-15% by volume for spray, 5-7% for roller or brush. Apply additional coats if needed to meet dry film thickness requirements.

Allow 20-30 minutes induction time after the Converter is added and before adding any thinner.

Mixing and Thinning: Shake or mix each component thoroughly. Add the Converter Component to the Base Component and stir thoroughly. Continue to stir while using.

Induction Time: 20-30 Minutes at 70-75 deg. F, longer at lower temperatures

Existing Painted Surfaces: First ensure the existing surface is compatible with a two component epoxy and if acceptable, thoroughly roughen the surface with 80-120 grit sandpaper to provide sufficient tooth for maximum adhesion. Wipe off sanding dust with Thinner 974 or 975, allow to dry and apply the first coat of Bottom Protect EHB.

Bare Fiberglass: Thoroughly remove any surface contaminants or mold release agents using Dewaxer 973. Read and follow instructions carefully. Sand surface to a matte finish using 80 grit sandpaper. Remove sanding dust with any of



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the following thinners, 973,974 or 975, allow to dry and apply the first coat of Bottom Protect EHB.

Bare Metal Surfaces: Steel - Sand blast with standard angular grit media to a blast profile of 1.5-2.0 mils. Remove blasting dust and apply two or three coats of Bottom Protect EHB. Allow to properly cure and apply antifouling paint or top side finish.

Bare Aluminum: Sand blast with a non-metallic media to a blast profile of 1.5-2.0 mils and proceed as above. If blasting is not practical, grind surface with disc sander and a 36-60 grit wheel. Remove grinding dust and apply one or two coats of Blue Water Strontium Chromate Epoxy Primer followed by two coats of Bottom Protect EHB and then the appropriate antifouling paint or top side finish.