

BLUE WATER MARINE PAINT

Barriershield Primer™ TECHNICAL DATA SHEET

Revision date:
December 2019



Perfect for sealing/priming sanded fiberglass, over incompatible or unknown antifoulings, sealing off TBT antifoulings and priming underwater metals. Barriershield is a high performance coating for marine and industrial environments.

SUGGESTED USES: Primer

LIMITATIONS: Do not apply if material, substrate or ambient temperature is below 50°F or above 95°F.

COLORS: Blue Gray

FINISH: Matte

VEHICLE TYPE: Hydrocarbon and Vinyl Resins

SOLVENT TYPE: High Flash Naphtha / Xylene

VOC: 3.76 lbs./gal (450 grams/liter)

SOLIDS BY VOLUME: 40%

WEIGHT PER GALLON: 8 lbs.

RECOMMENDED DRY FILM THICKNESS: 4 mils dry film thickness (10 mils wet film thickness)

Coverage: Theoretical coverage at two mils dry is 400 square feet per gallon, and recommended thickness of 4 mils dry would require 2 full coats. Material losses during mixing and application will vary and must be taken into consideration. Expect 50% less coverage on bare, rough or sandblasted surfaces.

Viscosity at 75°F (24°C): 70-80 KU

Average Dry Time 75°F: Dries to touch in 2 hours, overcoat in 5 hours. Lower temperatures & higher humidity will slow down dry times.

Recommended Reducer: 974 Reducer

Recommended Topcoat: Antifouling Bottom Paint - Epoxy Hard or Ablative - 5 hours at 75 degrees F.

On Sanded Aluminum: Apply one thin coat of Etch Primer before applying Barriershield.

Application: Brush, Spray or Roller

Roll: 3/8" - 1/2" nap mohair metal, lambskin, phenolic core roller. Keep roller wet. Roll in one direction, rewet, then cross roll. Product can be reduced as needed with Hi Flash Naphtha to allow proper flow out and performance.

Spray: Conventional Air Gravity Feed 59-70 psi, Tip Size .055 -.070, Airless 2200-2500 psi, Tip Size .013-.017. Product can be reduced with Xylene as needed for proper flow out and performance. For Air Spray reduce 25% with enamel reducer (Xylene.).

Surface Preparation: Water blast surface to remove all loose paint, dirt, oils and grease. Abrade with 240 grit dry sandpaper or equivalent. Solvent wipe down to remove all sanding residue.

Pot Life: Not Applicable

Shelf Life: Minimum 36 months

Mixing: Mix for 5 minutes, making sure that all solid material is mixed thoroughly.

Package: 1 Gallon cans, 5 gallon cans, quarts.

Cleanup: 974 Reducer



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