

# FLEXDEL

## AQUAGARD®

### Bottom Gard Technical Data Sheet

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Bottom Gard is an ablative, antifouling bottom paint for fiberglass and wooden boats. It features a solvent-based ablative technology that repels barnacles and other marine growth. At an extremely economical price, Bottom Gard is an exceptional value with outstanding performance. Easy to apply and evenly coat. Bottom Gard can be applied over existing bottom paints that are clean, free of any debris and dry.

**SUGGESTED USES:** Antifouling

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

**COLORS:** Black, Red, Blue

**FINISH:** Flat

**VEHICLE TYPE:** Styrene-acrylate copolymer

**SOLVENT TYPE:** Aromatic 100

**VOC:** 395 grams/liter

**SOLIDS BY VOLUME:** 53%

**WEIGHT PER GALLON:** 12.74 - 13.14 lbs.

**RECOMMENDED DRY FILM THICKNESS:** 2.5 mil Dry Film Thickness (4.72 mil Wet Film Thickness)

#### **SURFACE PREPARATION:**

**1A) Surface preparation: New / Bare Fiberglass Hulls:** Wipe down surface with Aquagard 180 Wash & Dewaxer. Change rags frequently to assure complete removal of wax and mold release agent & contaminants. Sand surface thoroughly with 80 or 100 grit sand paper. Wipe down surface again with Aquagard 180 Wash & Dewaxer to remove sanding residue and immediately apply one (1) coat of Aquagard 181 Primer with a roller or brush. Allow Primer to dry for minimum of two (2) hours.

**1B) Surface preparation: For previously painted surface:** To prepare the surface for coating, remove all loose coating and fouling residue by either washing with high pressure water, scraping or by sanding. Apply a small patch of Bottom Gard to test compatibility with the old paint. If Bottom Gard cracks or lifts, all the old paint will have to be removed. Then follow the "Bare Fiberglass Hulls" system specified above. If nothing appears to happen when this product is applied, let the test patch dry for several hours and then scrape this product to see if it is adhering to the old paint satisfactorily. If the adhesion looks good, sand the entire surface thoroughly with 80 grit sandpaper.



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Previously painted surfaces in poor condition (such as chipping, peeling or flaking) should be stripped to bare fiberglass. Then proceed with the "Bare Fiberglass Hulls" preparation.

**General Application:** A clean dry surface (free of scale, corrosion, dirt, grease, oil, marine fouling, or other foreign matter) will provide the optimum performance of this coating, when used for either complete coating or touch-up. Wipe down surface with Aquagard 180 Wash & Dewaxer. Inadequate surface preparation will result in unsatisfactory performance. Mix the coating thoroughly for a minimum of five (5) minutes to insure complete pigment reincorporation. Apply by either brush roller or spray. Bottom Gard should be applied at or above 50°F. Apply two (2) coats of Bottom Gard. Allow four (4) hours drying time between coats. Let final coat dry eight - twelve (8-12) hours before launching the boat. The theoretical coverage of this product is approximately 400 square feet per gallon. Clean up with paint thinner or white spirits when finished.

Do not apply this product in a way that will contact adults, children or pets either directly or through drift.

**Spray Drift Management:** A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

**Mixing and Thinning:** Shake or mix thoroughly and stir continuously while using. Thin when necessary with mineral spirits

**Theoretical Coverage:** 340 sq. ft./gallon at 2.5 mil Dry Film Thickness

**Clean Up:** mineral spirits for cleaning equipment and paint brushes.

**Estimated Dry Times:** Recoat: 4 hours. Launch: 8 - 12 hours.

**Yearly Repainting:** Scrub bottom clean at haul-out. Repaint only if old paint is sound and intact; if not, remove it by sanding or with paint remover. If old paint is rough, sand it with 100-150 grit sandpaper. Prepare seams, nicks and chips. Spot coat any bare areas with Bottom Gard antifouling. Apply 2 full coats of Bottom Gard antifoulant.