



## Colortox Bottom Paint Antifouling B-44 Black

**DANGER!** KEEP OUT OF REACH OF CHILDREN. MAY BE FATAL IF SWALLOWED.  
**FLAMMABLE.** MAY CAUSE SKIN IRRITATION OR EYE DAMAGE. See precautions on back of label.

**NET 1 QUART**

**.95 Liters**

ACTIVE INGREDIENT:  
 Tributyltin Fluoride 13.3%  
 INERT INGREDIENTS: 86.7%  
 EPA REG. NO. 61 157AA

**COLORTOX ANTIFOULING PAINT:** A highly effective hard vinyl-type antifouling bottom paint. Protects against attachment of barnacles, hydroids, bryozoa, algae and other marine growths. Protects wood boats against borers. Does not cause galvanic action (electrolysis) and is available in bright, clean colors.

**DIRECTIONS FOR USE:**

**General:** Be sure surface is clean and dry before painting. When sanding is necessary on surfaces, remove sanding dust by clean air blast, clean soft brushes, or wiping with clean rags, then follow by tack-rag wipe to insure complete removal of sanding dust. Stir paint well before and during use. Apply generously with brush or roller at package consistency. Do not spray as inhalation of spray mist is hazardous. Allow at least 3 hours between coats. Do Not Apply To Any Surface Other Than Boat Bottoms.

**OLD BOTTOM PAINTS:** If a vinyl type paint in good condition, apply 2 coats of Colortox paint after cleaning and removing any loose paint. If not a vinyl, remove before using Colortox paint. Always spot test a small area with Colortox paint to see if old paint will lift or "crinkle-up" — if it does, remove the coating. When sanding any bottom paint, always "wet sand" and avoid contact with or breathing of the material. When bare surfaces are exposed, priming is required.

**FOR RECOATS OVER VINYL PAINTS:** When hauling, allow enough time for the hull to become free of absorbed moisture in the paint film prior to repainting. When repainting over old vinyl paints, the launching time must be lengthened to 36 or more hours to allow complete solvent release. Since preceding coats of vinyl bottom paints compete with the atmosphere for the solvents, solvents will require more time to escape the thicker film encountered on recoats.

**WOOD BOTTOMS:** Sand the surface with 80-100 grit wet or dry sandpaper. Apply 3 coats of Colortox paint. Thin first coat 10% with VT-20 Vinyl Thinner or T6394 Vinyl Thinner. The next 2 coats should be applied without thinning.

**FIBER GLASS BOTTOMS:** Clean hull thoroughly with T-1132 Fiber Glass Prep Solution. Then sand with 220 grit sandpaper to dull and roughen the surface. Apply 1 coat of P-619 Primer. The primer must dry 3 hours (4 hours when humidity is above 65%) and not more than 8 hours before 2 coats of unthinned Colortox paint is applied.

**STEEL BOTTOMS:** Sandblast to white metal. Apply P-646 Epoxy Primer to a minimum of 6 mils. Then apply P-646, apply a tie coat of P-619 Primer followed by 2 coats of Colortox. Follow all label instructions.

**ALUMINUM BOTTOMS:**

**System #1: (Small Boats)** Wipe thoroughly with a clean cloth, then sand the surface with 180 grit sandpaper and remove dust. Apply 1 coat of Prime-All Primer by brush or spray. Then brush or roll on 2 coats of Colortox. Allow 18 hours between coats and a min. of 18 hours after final coat.

**System #2: (Large Boats)** A. Degrease with Spar T-8 or T-10 Thinners. Sand to dull with 180 grit sandpaper or whip brush sand. B. Follow with a de-oxidizer, or acid etch solution such as Alodine 624, or equals. Apply acid etch solution with a chbrite pad doing a 4' x 8' area at a time. Allow 5 minutes and remove with a soft brush. C. Rinse with pressurized water and a clean brush. Any remaining acid must be removed by sufficient cleaning. Re-do as required.

(NOTE: Alodine 1200 or equal may be applied after original equipment operations. This is a conversion treatment check the manufacturer's instructions and acid etch and conversion treatment check the manufacturer's instructions.)  
 C. Apply 4 medium wet passes of Z-Spar Epoxy Primer, approximately 15 to 20 mils thick horizontally and vertically. Total film thickness (6 to 8 wet).

D. Recoat times are critical for chemical conversion. Apply Primer and 619 Tiecoat. The 527 Primer and Colortox paint only between the time of the tiecoat enough to nail imprint (12 hours max. at 70° temperatures; 50% relative humidity). If conditions are not followed, P-619 Primer must be re-applied.

Koppers Company, Inc.

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**COLORTOX ANTIFOULING PAINT:** A highly effective hard vinyl-type antifouling bottom paint. Protects against attachment of barnacles, hydroids, bryozoa, algae and other marine growths. Protects wood boats against borers. Does not cause galvanic action (electrolysis) and is available in bright, clean colors.

**DIRECTIONS FOR USE:**

**General:** Be sure surface is clean and dry before painting. When sanding is necessary on surfaces, remove sanding dust by clean air blast, clean soft brushes, or wiping with clean rags, then follow by tack-rag wipe to insure complete removal of sanding dust. Stir paint well before and during use. Apply generously with brush or roller at package consistency. Do not spray as inhalation of spray mist is hazardous. Allow at least 3 hours between coats. Do Not Apply To Any Surface Other Than Boat Bottoms.

**OLD BOTTOM PAINTS:** If a vinyl type paint in good condition, apply 2 coats of Colortox paint after cleaning and removing any loose paint. If not a vinyl, remove before using Colortox paint. Always spot test a small area with Colortox paint to see if old paint will lift or "crinkle-up" — if it does, remove the coating. When sanding any bottom paint, always "wet sand" and avoid contact with or breathing of the material. When bare surfaces are exposed, priming is required.

**FOR RECOATS OVER VINYL PAINTS:** When hauling, allow enough time for the hull to become free of absorbed moisture in the paint film prior to repainting. When repainting over old vinyl paints, the launching time must be lengthened to 36 or more hours to allow complete solvent release. Since preceding coats of vinyl bottom paints compete with the atmosphere for the solvents, solvents will require more time to escape the thicker film encountered on recoats.

**WOOD BOTTOMS:** Sand the surface with 80-100 grit wet or dry sandpaper. Apply 3 coats of Colortox paint. Thin first coat 10% with VT-20 Vinyl Thinner or T6394 Vinyl Thinner. The next 2 coats should be applied without thinning.

**FIBER GLASS BOTTOMS:** Clean hull thoroughly with T-1132 Fiber Glass Prep Solution. Then sand with 220 grit sandpaper to dull and roughen the surface. Apply 1 coat of P-619 Primer. The primer must dry 3 hours (4 hours when humidity is above 65%) and not more than 8 hours before 2 coats of unthinned Colortox paint is applied.

**STEEL BOTTOMS:** Sandblast to white metal surface and apply 2 coats of P-646 Epoxy Primer to a minimum of 6 mils dry. After the second coat of P-646, apply a tie coat of P-619 Primer followed by 2 coats of Colortox paint. Follow all label instructions.

**ALUMINUM BOTTOMS:**

**System #1: (Small Boats)** Wipe thoroughly with any Z-Spar Thinner and wipe dry with a clean cloth, then sand thoroughly with wet or dry 220 grit sandpaper and remove dust. Apply 1 semi-transparent coat of Z-Spar Prime-All Primer by brush or spray. Allow to dry 30-40 minutes and then brush or roll on 2 coats of Colortox paint. Allow a min. of 3 hours between coats and a min. of 18 hours after final coat before launching.

**System #2: (Large Boats)** A. Degrease bare aluminum by wiping with Z-Spar T-8 or T-10 Thinners. Sand to develop an adhesion profile with 180 grit sandpaper or whip brush sand blast.

B. Follow with a de-oxidizer, or acid etch with Turco WOI, Deoxidine 624, or equals. Apply acid etch solution by brush or preferably ScotchBrite pad doing a 4' x 8' area at a time. Allow the solution to sit for 4 to 5 minutes and remove with a soft brush. DO NOT allow more than 5 minutes reaction. When complete, clean entire hull thoroughly with pressurized water and a clean brush. Any beading of water indicates insufficient cleaning. Re-do as required.

(NOTE: Alodine 1200 or equal may be applied as a conversion coating in original equipment operations. This is a Chromic Acid conversion coat. Read the manufacturer's instructions and handling precautions on the acid etch and conversion treatment chemicals.)

C. Apply 4 medium wet passes of Z-Spar P-527 Strontium Chromate Epoxy Primer, approximately 15 to 30 minutes apart, lapping horizontally and vertically. Total film thickness should be 3 to 4 mils dry (6 to 8 wet).

D. Recoat times are critical for chemically cured coatings such as 527 Primer and 619 Tiecoat. The 527 Primer can be topcoated directly with Colortox paint only between the time it feels dry to touch but soft enough to nail imprint (12 hours max. cure time at 70°F, less at higher temperatures; 50% relative humidity). If the above recoat times cannot be followed, P-619 Primer must be used subject to the following conditions.

If P-527, has cured longer than 12 hours (at 70% and 50% RH) and shorter than 48 hours, P-619 Tiecoat is required. Allow the P-619 applied at .3 to .6 mils dry to cure 3 hr. min. to 8 hr. max. before topcoating with Colortox paint.

If the P-527, has cured longer than 48 hr., sanding or sandblasting is necessary to establish profile for max. mechanical adhesion. Then follow with another coat of 527 Primer. Then apply 2 coats of Colortox paint. Appropriate time must be given to allow the coatings to acquire proper cure. (Contact your local Z-Spar representative for detailed specifications.) Before any fairing is started, the P-527 Primer should be cured and scuff sanded with 180 grit sandpaper prior to fairing. Z-Spar #5 Polyester Putty can be used for fairing.

**LAUNCH TIME:** Under normal drying conditions a min. of 18 hours must be allowed before launching. If low temperatures and/or high humidity is encountered, longer drying times are required.

**COVERAGE:** 400 sq. ft./gal./coat (allows for an approximate loss of 20%).

**MINIMUM FILM THICKNESS PER COAT:** 1.25 mils dry

**THINNER:** Z-Spar VT-20 Vinyl Thinner or T6394 Vinyl Thinner

**CLEANER:** Z-Spar VT-20 Vinyl Thinner or T6394 Vinyl Thinner

**DANGER:**

May cause irritation to, or be absorbed through the skin. May cause eye damage. Do not get in eyes, on skin or on clothing. In case of contact wash skin immediately with soap and water. For eyes, flush with water and call physician immediately. Wash contaminated clothing before reuse. Do not breathe vapor. Do not take internally. Wear goggles or face shield when handling. Do not store near food or feed products. Keep out of the reach of children.

**WARNING—FLAMMABLE:** Keep away from heat, or open flame. Keep container closed when not in use. Contains XYLOL, METHYL ISOBUTYL KETONE AND METHYL ISOAMYL KETONE.

Do not store near food or feed products.

Do not reuse empty container—Destroy it by perforating or crushing. Bury or discard in a safe place.

Do not contaminate water by cleaning equipment or disposal of waste.

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