



TOTALBOAT TOTALBILGE

- Protective, durable epoxy finish
- Repels oil & grease, easy to clean
- Great for bilges, bulkheads & lockers
- Available in White or Gray colors

TotalBoat TotalBilge is a one-component, extremely durable epoxy coating that protects your bilge against moisture penetration, and helps prevent the absorption of oil, fuel, solvents, and sludge into wood and fiberglass. Its fast-drying formula is easy to apply, provides excellent coverage, and dries to a high-gloss finish that makes grimy bilges look like new. Also great for bulkheads and locker areas.

CLEANER/SURFACE PREPARATION SOLVENTS:

- TotalBoat Dewaxer & Surface Prep
- TotalBoat Special Brushing Thinner 100
- TotalBoat Spray Thinner 101
- Denatured alcohol (bare substrates only)
- Acetone (bare substrates only, but specifically recommended for use on oily hardwoods or bare white oak)

CLEANUP SOLVENTS:

- TotalBoat Dewaxer & Surface Prep
- TotalBoat Special Brushing Thinner 100
- TotalBoat Spray Thinner 101

THINNER/REDUCER SOLVENTS:

- TotalBoat Special Brushing Thinner 100, for brushing and rolling applications
- TotalBoat Spray Thinner 101, for spraying and cool weather brushing/rolling applications

PRIMER/PRECOAT: TotalBoat TotalProtect – required for metals, not required (but can be used) on any other compatible substrates

PAINT STRAINER: Coarse or medium paint strainer

ACCEPTABLE SUBSTRATES: Fiberglass, wood, previously painted surfaces, epoxy, properly prepared metal substrates

AVAILABLE COLORS: White, Gray

SURFACE PREPARATION

IMPORTANT! TotalBoat TotalBilge is commonly applied in places that tend to have grime, grease, oil, fuel, dirt, dust, or other potential contaminants. Take extreme care when cleaning and performing surface preparation to ensure the best results and adhesion to the substrate.

FIBERGLASS:

- All bare fiberglass substrates need to be fully cured for at least 5-7 days prior to any surface preparation or before applying TotalBilge.
- Do not sand the surface until all surface contamination has been removed completely.
- The surface must be properly dewaxed, or amine blush must be removed prior to any further surface preparation.
- Wash the surface with warm water and a mild soap. Dry the surface completely.
- Dewax the surface very thoroughly using TotalBoat Dewaxer & Surface Prep and clean, cotton rags. Change out rags, as needed, to ensure that all possible wax has been removed from the substrate. This must be done thoroughly before sanding the surface, or it will grind the contaminant into the surface, spreading it, leading to fisheyes and potential delamination.
- Allow the surface to dry completely.
- Sand the surface with 220-grit or 320-grit sandpaper.
- Remove any sanding residue by wiping the surface clean with a clean, lint-free cotton rag wetted with one of the specified cleaner/surface preparation solvents.
- Allow the surface to dry completely before applying TotalBilge.

BARE WOOD:

- Wood substrates should be in good condition, dry, and free of any fuels, grease, oils, tar, dust,



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wax, or other potential contaminants, prior to sanding.

- The ideal wood moisture content to apply paint is 6-8%, but being less than 10% usually yields good results. Painting wood with a higher moisture content is not recommended, as it can delaminate more easily.
- Sand the wood smooth, in the direction of the grain, with 220-grit sandpaper, until it is even and smooth.
- Vacuum away any sanding dust.
- Follow with a clean, lint-free cotton rag wetted with one of the specified cleaner/surface preparation solvents.
- Allow any surface preparation solvents to completely evaporate before applying TotalBilge. Failure to apply TotalBilge to a completely dry surface will lead to bubbles and inevitably delamination.
- Apply TotalBilge, as directed

PREVIOUSLY PAINTED SURFACES:

- Only apply TotalBilge to previously painted substrates that are fully compatible with a solvent-based paint.
- Previously painted surfaces in poor condition should be stripped back to the bare substrates. Only apply TotalBilge to previously painted substrates in good, sound condition that do not show signs of delamination, cracking, or peeling.
- Wash the surface with a mild soap and water, and rinse thoroughly.
- Once dry, wipe the surface with one of the specified cleaner/surface preparation solvents using a clean, lint-free cotton rag.
- Allow any solvents to evaporate.
- Sand the surface with 220-grit or 320-grit sandpaper, until it is smooth.
- Remove any sanding residue by wiping the surface clean with a clean, lint-free cotton rag wetted with one of the specified cleaner/surface preparation solvents.
- Allow the surface to dry completely before applying TotalBilge.

EPOXY SURFACES:

- Epoxy substrates need to be fully cured for at least 5-7 days prior to any surface preparation or before applying TotalBilge.
- Once cured, the epoxy must be washed with a mild soap and warm water, then rinsed well to remove any possible amine blush, whether noticeable or not. This must be performed, even if the epoxy is considered non-blushing, or does not appear to have an amine blush on the surface.
- Dry the surface completely.
- Sand the surface with 220-grit or 320-grit sandpaper.
- Remove any sanding residue by wiping the surface clean with a clean, lint-free cotton rag wetted with one of the specified cleaner/surface preparation solvents.
- Allow the surface to dry completely before applying TotalBilge, as directed.

METALS:

- TotalBoat TotalBilge cannot be applied directly to bare metals. Metals must be properly prepared and primed with TotalBoat TotalProtect, as directed.
- Allow the epoxy primer to cure completely for 5-7 days under normal curing conditions.
- Sand the Primer with 220- or 320-grit sandpaper.
- Remove any sanding residue by wiping the surface clean with a clean, lint-free cotton rag wetted with one of the specified cleaner/surface preparation solvents.
- Allow the surface to dry completely before applying TotalBilge.

APPLICATION

VERY IMPORTANT – READ BEFORE PAINTING!

- Only apply TotalBoat TotalBilge when environmental conditions allow (see below).



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- Stir or shake TotalBilge very thoroughly before use. This is extremely important to promote the most consistent finish and predictable dry times.
- TotalBoat TotalBilge has limited UV resistance; it is not recommended for applications with UV exposure.
- Applying TotalBilge thicker than 3 mils wet film thickness will extend dry times dramatically, and could trap solvents, making the paint squishy and soft, even if the surface has become tack-free.
- Applying the TotalBilge too thin may require more coats to achieve a desired color/finish, and the coating may not offer sufficient protection.
- TotalBilge's dry time to touch is roughly 1.5 hours @ 90°F, 3 hours @ 70°F, and 6 hours @ 50°F (when applied under the proper relative humidity, and at the specified wet mil thickness).
- TotalBilge should be sanded between coats with 220-320 grit sandpaper. Do not sand TotalBilge until it has cured to a hard enough film to sand easily to a very fine powder. If it is gripping or rolling the paint, it may not be ready to sand yet.
- Remove any sanding residue.
- The absolute minimum recoat window for TotalBilge is 8 hours @ 90°F, 12 hours @ 70°F, and 16 hours @ 50°F.
- A minimum of 1-2 coats of TotalBilge are recommended to achieve the best color and protection. More coats will produce a richer color, and greater protection.
- To achieve a wide variety of custom colors, 10-15% of any TotalBoat Wet Edge topside paint colors can be added. Adding more Wet Edge than this may impact the chemical resilience of the cured coating.

APPLICATION CONDITIONS:

- Best results are achieved when the substrate, air, and paint temperatures are between 50-95°F, and the relative humidity is less than 90%.
- Do not attempt to apply TotalBilge paint when the air, substrate, or paint are outside of this range, if at all possible. Cure rates and wet-edge times may

be extremely long, or extremely short, making it difficult to achieve satisfactory results.

- Do not apply during times of high humidity, when rain, dew, or fog may affect the drying or finish of the paint.

APPLICATION METHODS

BRUSHING/ROLLING INSTRUCTIONS:

- Thinning should not be required for most brushing and rolling applications, but 5-10% of the appropriate TotalBoat thinner can be added, as required, based upon the environmental conditions.
- TotalBoat Special Brushing Thinner 100 promotes the best flow, self-leveling, and working time for TotalBoat TotalBilge, under most application conditions.
- Below 60°F, TotalBoat Spray Thinner 101 can also be used as a thinner for brushing applications, to help promote a quicker tack-free time, without compromising proper flow or working time.
- Do not over-thin TotalBilge, as it will extend dry times, reduce the overall gloss level of the finish, and lead to more dripping and sags.
- Only use high-quality, natural bristle, solvent-safe paint brushes and roller covers with TotalBilge.
- Foam brushes can be used, but lack the control and even paint film left from a bristle brush.
- 1/8" foam or mohair roller covers can be used, but nap or other hair rollers may leave hair or fine particles behind. Some of these roller covers may also specify that they are for glossy finishes; they will generally promote the best finish.

SPRAYING INSTRUCTIONS:

- For most spray applications, reduce TotalBilge 10-20% with TotalBoat Spray Thinner 101.
- Always use the minimum amount of spray thinner possible to achieve the highest gloss finish and promote the fastest dry times.



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- The actual percentage of spray thinner will depend on the spray equipment being used, and the environmental conditions.
- **Airless Spray:** The pressure should be roughly 170 bar/2500 psi, with a .33-.41 mm (11-16 thousandths) tip size.
- **Pressure Pot:** The pressure should be 3.44-4.47 bar/50-65 psi (gun pressure), and 8-10 psi (pot pressure), while the tip size should be .89-1.4 mm (35-50 thousandths).
- **Siphon Cup:** The pressure should be roughly 3.44-4.47 bar/50-65 psi (gun pressure), with a 1.5-1.8 mm (60-70 thousandths) tip size.

YEARLY MAINTENANCE

- TotalBoat TotalBilge can be cleaned with an all-purpose boat soap such as TotalBoat Boat Soap, bilge cleaners, or mild degreasers.
- Bleach, heavy-duty degreasers, and other abrasive cleaners should be heavily diluted and completely rinsed away immediately after use, or avoided altogether.
- Maintenance coats of TotalBilge are not required; however, a maintenance coat may be desirable after a few years if there are scratches, any staining, or excessive signs of wear.

WARNING!

RAGS, STEEL WOOL, OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH FIRE IF DISCARDED IMPROPERLY. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.

PERSONAL SAFETY:

Always use proper Personal Protective Equipment when handling this product. Refer to the TotalBoat TotalBilge Safety Data Sheet for more info. Each color has a different composition and a different SDS, so make certain to reference the appropriate one. Only apply TotalBilge paint with good ventilation.

APPLICATION DATA:	
Application Method:	Brush, Roll, Spray
Number of Coats:	1-2
Film Thickness (per Coat):	1-2 mils dry (3 mils wet)
Application Temperature:	50-95°F
Application Humidity:	0-90%
Dry Time to Touch:	1½ hours @ 90°F 3 hours @ 70°F 6 hours @ 50°F
Dry Time to Overcoat:	8 hours @ 90°F 12 hours @ 70°F 16 hours @ 50°F

PHYSICAL DATA:	
Vehicle Type:	High-Solids Epoxy Ester
Finish Sheen/Gloss:	High Gloss (85-90°)
Components:	One
Coverage (sq ft/gal):	250-300
Solids (% by Weight):	59-61%
Solids (% by Volume):	46-48%
VOC (g/L):	< 458
Flash Point:	59°F
Units of Measure:	Quart, Gallon
Colors Available:	White, Gray