



TOTALBOAT TOTALGOLD

- Decorative gold paint
- Excellent for boat lettering & cove stripes
- Brilliant metallic finish
- Safe for interior and exterior use

TotalBoat TotalGold is a one-part, oil alkyd-based paint that produces a brilliant metallic finish similar to gold leaf gilding. Superior tarnishing and UV resistance make it ideal for lettering, signage, cove stripes, and decorative detail work. TotalGold may be brushed, rolled, or sprayed on brick, fiberglass, metal, wood, and previously painted surfaces.

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, TotalBoat Aluminum Boat Barrier Coat (aluminum substrates)

PAINT STRAINER: Medium or coarse paint strainer — fine paint strainers will likely filter out the metallic particles.

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

SURFACE PREPARATION

FIBERGLASS:

- All bare fiberglass substrates need to be fully cured for at least 5-7 days prior to any surface preparation or before applying TotalGold.
- Do not sand the surface until all surface contamination has been completely removed.
- 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 TotalGold.

BARE WOOD:

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



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- 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 TotalGold. Failure to apply TotalGold to a completely dry surface will lead to bubbles and, inevitably, delamination.
- Apply TotalGold, as directed.

PREVIOUSLY PAINTED SURFACES:

- Only apply TotalGold 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 TotalGold 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 TotalGold.

EPOXY SURFACES:

- Epoxy substrates need to be fully cured for at least 5-7 days prior to any surface preparation or before applying TotalGold.
- 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 TotalGold, as directed.

METALS:

- TotalBoat TotalGold 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 TotalGold.
- **ALUMINUM:** For applications to aluminum substrates, etch the metal and apply TotalBoat Aluminum Boat Barrier Coat, as specified, then follow the rest of the surface preparation for metals, above.

APPLICATION

VERY IMPORTANT – READ BEFORE PAINTING!

- Only apply TotalBoat TotalGold when environmental conditions allow (see below).
- Stir or shake TotalGold very thoroughly before use. This is extremely important to promote the most



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consistent finish and predictable dry times. The metallic particles in TotalGold start to settle to the bottom because they are more dense than the rest of the coating, so it's strongly recommended to stir the paint while applying it.

- 1-2 coats of TotalGold are recommended. Adding more coats will increase the gold color and depth of the metallic finish.
- Applying TotalGold 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 TotalGold too thin may require more coats to achieve the desired finish.
- TotalGold'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).
- TotalGold should be sanded between coats using 220-320-grit sandpaper. Do not sand TotalGold until it has cured to a hard enough film to sand easily to a very fine powder (even if the specified cure times state that the coating should be ready for sanding). If sanding the coating is gripping or rolling the paint, it may not be ready to sand yet.
- Remove any sanding residue.
- The absolute minimum recoat window for TotalGold is 8 hours @ 90°F, 12 hours @ 70°F, and 16 hours @ 50°F.
- If a high-gloss finish or increased UV resistance are desired, apply a 1-part varnish or clear coat after the final coat of TotalGold.

APPLICATION CONDITIONS:

- Best results are achieved when the substrate, air, and paint temperatures are between 50-90°F, and the relative humidity is less than 90%.
- Do not attempt to apply TotalGold 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 TotalGold, 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 TotalGold, as it will extend dry times and reduce the overall gloss level of the finish, while leading to more dripping and sags.
- Only use high-quality, natural bristle, solvent-safe paint brushes and roller covers with TotalGold.
- Foam brushes can be used, but lack the control and even paint film left by a natural 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 because they will generally promote the best finish.

SPRAYING INSTRUCTIONS:

- For most spray applications, reduce TotalGold 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.
- The actual percentage of spray thinner will depend on the spray equipment being used, and on the environmental conditions.



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- **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 TotalGold can be cleaned with an all-purpose boat soap such as TotalBoat Boat Soap or other mild cleaners.
- Maintenance coats of TotalGold are not required; however, a maintenance coat may be desirable if the coating is losing its brilliance or shows signs of wear.
- A one-part varnish or clear coat material can be applied to boost UV stability, or provide a high-gloss finish, if desired.

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 TotalGold Safety Data Sheet for more info. Only apply TotalGold paint with good ventilation.

APPLICATION DATA:	
Application Method:	Brush, Roll and Tip, Spray
Number of Coats:	1-2
Film Thickness (per Coat):	1-2 mils dry (3 mils wet)
Application Temperature:	50-90°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:	Medium-Oil Alkyd
Finish Sheen/Gloss:	Satin (35-40°)
Components:	One
Coverage (sq ft/gal):	250-300
Solids (% by Weight):	49.80%
Solids (% by Volume):	35%
VOC (g/L):	< 524
Flash Point:	104°F
Units of Measure:	Pint, Quart