

# Ultra Tred Waterborne Epoxy High-Gloss Finish #5800 Series



100% Waterborne Epoxy that matches the heavy duty performance of conventional solvent base epoxies. This low odor, non-flammable, super hard, tile-like, high gloss finish is highly resistant to graffiti and common stains such as coffee, ketchup, fruit juice, crayon, lipstick, ink, etc. Its chemical, solvent and water resistance properties are far superior to that of typical water base acrylic epoxies. It has excellent abrasion resistance and can be used on concrete floors. It may be applied over conventional finishes without lifting or wrinkling.



- Interior 2 Component Waterborne Gloss Finish
- Available in White/Bases & Silver Gray
- Each kit contains Component A and Component B to be mixed together
- Super Durable - Abrasion & Chemical Resistant
- Great for Garage Floors, Walls and Basements

The Muralo Company, Inc.

148 East 5th Street • Bayonne, NJ 07002 • Phone: (800) 631-3440 • Fax: (800) 364-8969 • [www.muralo.com](http://www.muralo.com)

<b>Colors:</b>	White, Silver Gray, Almond and Bases. Can be tinted to any color using universal colorants.			
<b>Uses:</b>	Recommended for use on new or previously painted concrete floors. <b>DO NOT USE ON WOOD FLOORS OR ANY TYPE OF EXTERIOR WOOD SURFACES. NOTE: All true epoxy coatings exhibit chalking and lose gloss and color on exterior (ultra-violet) exposures and have a tendency to yellow inside, however, this does not detract from its other properties.</b>			
<b>Physical Properties:</b>	<b>Product Type</b> <b>Weight/Gal. (Catalyzed):</b> <b>Activated Viscosity</b> <b>60 Degree Gloss</b> <b>85 Degree Gloss</b> <b>Dry to Touch</b> <b>Tack Free</b> <b>Dry Hard</b> <b>Full Cure</b> <b>To put in service</b>	Epoxy/Aliphatic Amine Adduct 9.6 - 10.9 Lbs./Gal. 90 - 100 KU 90+ 80+ 4-6 Hrs. (@ 77 F & 50% RH) 8-10 Hrs. (@ 77 F & 50% RH) Overnight  Allow 7 days before returning your finished floor to normal usage. Protect areas under automotive tires with cardboard for 2 weeks to allow paint to cure completely. Floor may be slippery when wet. Please take adequate precaution and dry the floor as soon as possible.	<b>Recoat</b>  <b>Mix Ratio</b> <b>Induction Time</b> <b>Pot Life (Catalyzed)</b> <b>VOC</b> <b>Spread Rate</b>	Within 8 hrs. and 2 days after application without sanding. Must be sanded lightly if allowed to dry longer between coats. 3 to 1 (Parts A:B) by Volume 30 Minutes after mixing 4 Hrs. (@ 77 F & 50% RH) 250 gms./ltr. or 2.10 lbs./gal. 300-350 sq. ft./gal. over smooth sealed surfaces
<b>Performance Properties:</b>	<b>Flow &amp; Leveling</b> <b>Sag Resistance</b> <b>Defoaming (Brush/Roll)</b>	Excellent 8-9 Excellent, no air entrapment.	<b>Color Acceptance</b> <b>Freeze Thaw (ASTM D2243)</b>	Excellent, no rub up. Part-A, Passes 3 Cycles Part-B, Passes 3 Cycles.
<b>Surface Preparation:</b>	Thoroughly clean new and Previously painted surfaces to remove oil, grease, wax, loose paint, rust, efflorescence, chalk and other contaminants that could interfere with adhesion. Clean areas where the current finish is failing by hand or using a power tool (SSPC-SP-2 or SP-3) and spot prime. Glossy enamels must be dulled by sanding before top coating with Ultra Tred. A small test area is recommended to ensure good adhesion. Primer is not required over new or previously painted concrete or masonry surfaces. Smooth and non-porous unpainted concrete surfaces should be etched with muriatic acid, and thoroughly washed with clean water and allowed to dry before painting. Use protective clothing, gloves and safety glasses while handling muriatic acid. Follow manufacturer's instructions on muriatic acid. Follow detailed instructions accompanying the kit. Bare concrete: Allow new poured concrete floor to cure for a minimum of 60 days. All poured or precast concrete surfaces must be acid etched prior to painting. Wear protective clothing, gloves and goggles during etching process. Follow the label directions on the container. Rinse the surface thoroughly and let it dry for minimum 48 hours depending on temperature and humidity. Sweep the floor using a stiff bristle broom or a vacuum cleaner to remove remaining residue. For maximum resistance to hot tire pick-up, repeat the etching process again over the areas where tires come to rest on the floor. A properly etched surface should look and feel like fine sandpaper. If the surface does not have a proper texture, repeat the etching process.			
<b>Recommended Primers:</b>	NEW CONCRETE - Self Priming or Block Filler; PREVIOUSLY PAINTED CONCRETE - Does not require a primer if in sound condition; DRYWALL - Muralo 563, Latex Enamel Undercoat or MX205, Universal Primer; WOOD - Muralo MX205, Universal Primer. New staining woods such as redwood and cedar should be primed with Solvent Base Stain Killing Primer; RUSTABLE METAL - Muralo 1877 or 1878, Anti-Rust Alkyd Primer; GALVANIZED STEEL AND ALUMINUM - Self Priming; PLEXIGLAS, FIBERGLASS AND NON-RUSTING METAL - Muralo X-200, Oil Base Primer; PREVIOUSLY PAINTED SURFACES - Self Priming.			
<b>Mixing</b>	Ultra Tred consists of 2 parts, Part B is a partially filled quart which is to be mixed with a gallon of Part A, yielding a mix ratio of 4:1 volume. Thoroughly stir each part, using separate clean paddles. Pour entire contents of Part B into Part A container. Be certain to scrape the container and transfer as much of Part B as possible into Part A. STIR MIXTURE OF PART A AND PART B THOROUGHLY AND WAIT FOR 30 MINUTES FOR THE TWO PARTS TO CATALYZE PROPERLY. Pot life is 4 hours, after that viscosity will rapidly increase, therefore, do not mix more material than what can be used in 4 hours. DO NOT SHAKE. IF NECESSARY, USE MECHANICAL HAND MIXER.			
<b>Application:</b>	<b>Brush, Roller or Spray.</b> <b>Conventional Spray:</b> Gun  Fluid Nozzle Air Cap  Airless Spray Pump High Pressure Filter Fluid Hose Airless Gun Tips Minimum Pressure	<b>Binks®</b> #18 or #62  66 or 67 66PE or 67PB  23:1 Monarch or 30:1 Bulldog (Graco) 60 Mesh 1/4" x 50' or 3/8" x 100' 208-663 Graco .015 or .019 Reverse-a-Clean 2000 PSI	<b>Devilbiss®</b> JGA 502 or 800 or 900 MBC- 510 E or D 704, 765 or 78	<b>Graco®</b>  047 or 086 047 or 952
	<b>NOTE: KEEP FROM FREEZING.</b> Do not apply when air or surface temp. is below 50°F or above 100°F. Relative humidity should be below 90%			
<b>Clean-up:</b>	Soap and warm water. If necessary, use lacquer thinner or Hi-Flash Naphtha.			
<b>Fire Rating:</b>	Will pass " CLASS-A " Rating on non-combustible substrate such as glass-reinforced cement board when tested according to ASTM E84-90 which is similar to NFPA No. 255, UL No. 723 and UBC No. 42-1.			
<b>Packaging:</b>	Two component system available in gallon kits. Mix ratio is 4:1 (A:B). <b>Part -A:</b> Short-filled Gallon (96 Fl. Oz.) - <b>Part-B:</b> 24 Fl. Oz. - <b>Mixed Volume:</b> 120 Fl. Oz.			
<b>Disposal:</b>	Save for local community waste paint collection. Follow local community waste disposal guidelines. Empty containers may be recycled by your local community recycling program.			
<b>Caution:</b>	Contains Petroleum Distillate Combustible. Contains glycol ether and petroleum distillates. Avoid prolonged breathing of vapors or spray mist. Wear gloves, safety goggles and respiratory protection (NIOSH/MSHA TC23C or equivalent). Avoid contact with eyes and skin. Wash hands after using. Close container after each use. <b>FIRST AID:</b> If swallowed, do not induce vomiting, call Physician, Hospital Emergency Room or Poison Control Center. Use only with adequate ventilation. DO NOT TAKE INTERNALLY. <b>KEEP OUT OF REACH OF CHILDREN.</b>			
<b>Architects Specifications:</b>	Surfaces noted in the accompanying schedule, after receiving the proper prepainting treatment described, shall be finished with one or two coats of (specify number of coats and colors) Muralo Waterborne Epoxy. It shall be delivered in the original unopened cans and applied in accordance with directions furnished by the Muralo Company, Inc., manufacturers of this product whose directions are made a part of these specifications.			
<b>Disclaimer:</b>	The information contained herein is presented in good faith. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must take independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.			
<b>Notice:</b>	Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead information Hotline at 1-800-LEAD-FYI. <b>Please see label for additional information.</b>			