



**Supermarine**  
Marine Paint

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## SM-3000 Aqueous Epoxy

TS-3000

### The Future of Epoxy is Here Now!

**Aqueous Epoxy** is the future of epoxy itself. It's the first brushable mono-epoxy marine paint utilizing water-based technology. Aqueous Epoxy brushes then levels beautifully to a smooth finish. The low odor low VOC formula is environmentally friendly produces a amazingly smooth high gloss finish. The single stage formula requires no mixing making it easy and forgiving to brush, roll or spray. Aqueous Epoxy is easier to use and produces superior results than old school catalyst cured two-component epoxies.

This advanced formula features specifically formulated components that protect, prevent rust, resist cracking, peeling, chipping and chalking making it excellent for use on virtually all marine surfaces including hulls, decks, in the cabin, trim, galley's, heads, engine rooms, bilge areas—almost anywhere!

Aqueous Epoxy is acceptable for use on a wide variety of substrates including wood, fiberglass, concrete, ferrous and non-ferrous metals. It provides a high level of corrosion, chemical and impact resistance unequalled by typical water-based paint. Acceptable for use on interior and exterior floor areas, steps and railings. The finish is fast drying, low odor, and produces a rock hard film. Practical coverage is 300 square feet per gallon. Thins and washes up easily with water. Available gloss and satin.

#### Product Features:

- Brushes exceptionally well.
- Advanced single stage formula.
- Produces a rock hard water resistant finish.
- Excellent impact and abrasion resistance.
- Provides superior adhesion.
- Self leveling formula brushes out beautifully.
- Allows low temperature applications down to 40F.
- Water-based lead free low odor formula.

# PERFORMANCE DATA SHEET

## SM-3000 Aqueous Epoxy

**COLOR(S):** White and Tints.

**PRODUCT TYPE:** Aqueous Epoxy.

**DESCRIPTION:** A water-based epoxy utilized extensively for exterior and interior applications on a variety of substrates including fiberglass, aluminum, steel, concrete, masonry, wood and previously-painted marine surfaces and infrastructure. A semi-gloss finish coat for primed surfaces.

**Intended Use:** For use as a marine top coating system.

### PHYSICAL CHARACTERISTICS

**VISCOSITY:** 70-72 k.u.

**DRY TO TOUCH:** 1 hour

**WEIGHT SOLIDS:** 58-61%

**TACK FREE:** 2 hours

**VOLUME SOLIDS:** 44-48%

**TIME TO RECOAT:** 4 hours

**DRY HARD:** 4 hours

**V.O.C.:** 98 grams per liter

**COLOR RANGE:** White and Tints

**FLASH POINT:** N/A

**WEIGHT PER GALLON:** 11.18 lbs. per gal.

**PACKAGING:** Quart, 1 or 5 gallon containers      **PRACTICAL COVERAGE:** 300 sq. ft. per gallon

**SURFACE PREPARATION:** Recommend SM-695 Etching Cleaner on steel, fiberglass, aluminum, concrete and plastic. Previously painted surfaces must be thoroughly cleaned and free of residues, oily film, and loose paint chips. Always wire brush, blast, sand or grind before priming or painting. Areas where all of the old coating has been removed must be spot primed before applying finish coat.

**NEW SURFACES:** Use only recommended primers: SM-7390 Formula 150 Polyamide Epoxy Primer, SM-787 Mono-Epoxy Primer or SM-664D Etching Primer. Ferrous metals, (steel, iron, etc.): Clean thoroughly, sandblast, grind or wire brush. Recommend SM-695 Etching Cleaner. Where rust is evident use SM-5679 Rust Converting Cleaner. Aluminum: Must be thoroughly cleaned with SM-695 Etching Cleaner, primed with SM-117 Pre-Wash Primer, use SM-664D Etching Primer as intermediate primer. Galvanized & Stainless Steel: Must be thoroughly cleaned, etched, primed with SM-117 Pre-Wash Primer in combination with SM-664D Primer or SM-787 Mono-Epoxy Primer. Fiberglass: Bare fiberglass should be cleaned then sanded. Prime with SM-664D Etching Primer, SM 787 or SM-7390 Epoxy Primers. Wood: Finish sand wood with 180-220 grit. Recommend SM-664D Etching Primer or SM-787 or SM 7390 Epoxy Primers. Apply multiple coats as desired. Apply two or more coats over sealed surface. For Fine Finishing: Remove all surface scratches. Begin with 100 or 220 grit sandpaper and finish off with 300 or 400 wet/dry paper. Remove all surface contaminants with Denatured Alcohol on a clean, lint-free cloth. **DO NOT USE TACK CLOTHS CONTAINING OILS, WAXES OR SILICONES.** If Oil Stain is Used to Color the Wood: Make sure that the stain has dried a minimum of eight hours before applying successive finishes. Lightly sand or buff between coats with a good 220 grit sandpaper.

**APPLICATION:** Recommended WFT is 4 MILS. Recommended DFT is 6.0 MILS. May be brushed rolled or sprayed. Apply multiple coats as needed to achieve desired film build. Subsequent coats may be applied within twelve hours. For best results wait 12-24 hours between coats. Recoat within 48 hours or (lightly sand between coats).

**THINNING:** Thin if necessary with regular clean tap water.

**CLEAN-UP:** Tools and equipment may be cleaned with regular clean tap water.