



**Supermarine**  
*Marine Paint*

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SM-787

## SM-787 Mono-Epoxy Primer

### Single Stage Epoxy Primer

**Mono-Epoxy Primer** is a new generation single stage epoxy primer that is oxygen cured eliminating the need for mixing multiple components together and the hassle and complications of limited pot life that go along with it. Ease of use makes it a compelling choice when compared to two-component epoxy primers.

Mono-Epoxy Primer is all about getting the job done quickly, easily and effectively. Even better; it produces a nontoxic film making it friendly to you and the environment. It is a true barrier to water, vapors and gasses. Corrosion control and weather-ability are excellent. It builds well without sagging or running. It self levels to a smooth finish without leaving behind dimples, orange peel or bubbles. It is submersible long term which says a lot about versatility and quality.

Adhesion, film build, hide, coverage, hardness, scuff and impact resistance are all excellent. It resists the damaging effects saltwater, harsh chemicals, spilled fuel, antifreeze, brake fluid, transmission fluid and staining agents. Corrosion control and weather-ability are superior to most alkyd primers. It is compatible with a wide variety of top coating systems.

**Stats:** Covers 250-300 square feet per gallon on porous surfaces. Dry to the touch in 2-4 hours. Pot life: Not applicable. High in solid content so it will require dilution in most spray applications. Recommended thinner; SM-605 Synthetic Thinner; or SM-101 Thinner, do not substitute. Available in quart, one gallon and five gallon containers. Finish is low sheen. Not lacquer-proof. Not recommended for use with hot-solvent top coating systems. Adhere to Application Instructions Sheet included with order, label directions and standard industry application practices.

#### Product Features:

- Eliminates the need for mixing multiple components.
- Provides a sound base for the application of top coatings.
- Available in White & Clear, may be tinted.
- A fully submersible barrier to water, vapors and gasses.
- Acceptable for interior and exterior applications.
- Self leveling formula reduces brush and roller marks.
- Allows for low temperature applications down to 40F.
- Lead free nontoxic safe to use formula.
- Provides good resistance to chemicals.

# **PERFORMANCE DATA SHEET**

## **SM-787 Mono-Epoxy Primer**

**COLOR(S):** White plus clear. It is tint-able.

**PRODUCT TYPE:** Epoxy-Ester Primer.

**DESCRIPTION:** A single component epoxy primer recommended for use on a wide variety of marine surfaces including structural steel, fiberglass, aluminum and wood. Acceptable for use as a corrosion control primer and base coat. It provides good adhesion, film build, hardness and cover-ability over a variety of surfaces. It offers excellent abrasion, scuff and mar resistance as well as a long lasting barrier to water, water vapor and gasses. Withstands long term immersion and extremes in weather conditions.

**Intended Use:** For use as an epoxy base coat in marine applications.

### **PHYSICAL CHARACTERISTICS**

**VISCOSITY:** 55-60 k.u.

**DRY TO TOUCH:** 1-2 hours

**TACK FREE:** 6-8 hours

**TIME TO RECOAT:** 24 hours

**DRY HARD:** 8 hours

**WEIGHT SOLIDS:** 34-36%

**VOLUME SOLIDS:** 29-31%

**WEIGHT PER GALLON:** 7.20 lbs. per gal.

**V.O.C.:** 550 grams per liter

**FLASH POINT:** 105° F.

**PRACTICAL COVERAGE:** 250-300 square feet when applied at 4 mils wet film thickness per gallon depending upon surface to be coated.

**SURFACE PREPARATION:** Scuff, sand, grind or blast all surfaces as required. Surface to be primed must be free of all dirt, grease and foreign material and properly prepared. Fiberglass, aluminum, steel, concrete, tile and masonry: Should be etched with SM-695 Etching Cleaner. Where rust is evident use SM-5679 Rust Converting Cleaner. Wood: Must be thoroughly clean and dry. Scuff or sand all surfaces.

**APPLICATION:** Brush, roller, or spray.

**THINNING:** Thin when necessary with SM-605 Thinner or SM-101 Thinner. **CLEAN-UP:** Tools and equipment may be cleaned with SM-605 Thinner, SM-101 Thinner, mineral spirits or acetone.