



**Supermarine**  
**Marine Paint**

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## SM-1184 Zinc-Chromate Primer

SM-1184

### Zinc-Chromate Primer

**Supermarine Zinc Chromate Primer (SM-1184)** is a premium-grade, high solid marine primer that not only acts as an effective rust preventative on steel and iron substrates but should be viewed as an integral component of a corrosion resistant coating system on metal in a marine environment. It is a rust-inhibiting Red Oxide Primer that is easy to spray and fast-setting.

Zinc Chromate Primer is based on a zinc chromate-ferric oxide anti-corrosion marine coating system. This highly effective zinc primer binds rust to metal sealing out rust causing air and moisture. It is intended for use as a protective metal primer for new or rusted surfaces. It is zinc rich and contains a balanced composition of special pigments and phenolic modified resin providing good rust-inhibitive properties and blister resistance for better adhesion and metal protection.

Designed primarily as a corrosion-inhibiting zinc primer for use on steel and aluminum vessels, equipment, machinery, ferrous and nonferrous metal surfaces before a top coating system is applied. Supplied at a spray viscosity designed for airless use. Satisfactory for application in a wide range of temperatures or humidity conditions.

Designed for spray application over surface-treated metal or pretreatment marine primer (See SM-117 Pre-Treatment Wash Primer). Color: Red Oxide. Available in quarts and one gallon cans.

#### Product Features

- Hard to find government spec formula
- Zinc chromate ferric oxide anti-corrosion formula
- Binds rust to metal sealing out air and moisture
- Promotes adhesion on hard to coat surfaces
- Creates a firm base for virtually any top coating system

# PERFORMANCE DATA

## SM-1184 Zinc-Plate Primer

**COLOR(S):** Red.

**PRODUCT TYPE:** Rust-inhibiting Red Oxide Primer.

**DESCRIPTION:** A fast-setting rust-inhibiting primer. It is based on a zinc chromate-ferric oxide anti-corrosion system. This primer binds rust to the metal and seals out rust-causing air and water.

**Intended Use:** To prime new or rusted metal.

### PHYSICAL CHARACTERISTICS

**VISCOSITY:** 70-75 k.u.

**DRY TO TOUCH:** 30 minutes

**TACK FREE:** Approx. 2 hours

**WEIGHT SOLIDS:** 62-64%

**VOLUME SOLIDS:** 41-43%

**TIME TO RECOAT:** 2 hours

**DRY HARD:** 4 hours

**V.O.C.:** 449 grams per liter

**FLASH POINT:** 25° F.

**COLOR RANGE:** Red.

**WEIGHT PER GALLON:** 10.40 lbs. per gal.

**PACKAGING:** 1 or 5 gallon containers.

**PRACTICAL COVERAGE:** 300-350 square feet per gallon @ approximately 2.0 mils dry.

**SURFACE PREPARATION:** Remove loose rust with SM-695 Etching Cleaner and wire brush. Surface should be free of all contaminants.

**APPLICATION:** Stir thoroughly before use. Brush, roller, or spray. It should not be thinned unless absolutely necessary.

**THINNING:** Thin if necessary with SM-605 Synthetic Thinner.

**CLEAN-UP:** Equipment and tools may be cleaned with SM-605 Synthetic Thinner or SM-615 Wash Thinner.