



**Supermarine**  
Marine Paint

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SM-5000

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## SM-5000 Zinc-Plate

### Protect With Zinc

**Zinc-Plate** is absolutely loaded with Zinc! It has so much zinc in it you could open your own plating shop with this stuff! You simply aren't going to find more zinc anywhere. Meets government specification number A-9-73 so you know you are getting the best!

Use it as either a heavy zinc primer or as a rust preventative protective topcoating. It is a combination Organic-Inorganic Zinc Rich formulation supplied ready-mixed with Zinc Dust and Vehicle together to create a unique protective coating. Formulated with special components that provide a superior mechanical and chemical bond while providing outstanding resistance to rust, electrolysis, weathering and high heat. A high zinc content industrial marine coating intended for use on bare ferrous metals.

It is acceptable for use in marine environments, or where there is extreme weather or in industrial or manufacturing applications. Use it to protect weathered galvanized materials and raw steel surfaces. It holds up well under high heat, salt spray, harsh weather conditions or severe atmospheric exposure and may be top coated with most vinyl coatings. Covers 225-250 square feet per gallon. Dry to the touch in 30 minutes. Weight solids 81%. Tack free in one hour. Zinc gray in color. Available in quarts or one gallon containers.

#### Product Features:

- Protects metals from rust, electrolysis, weathering and high heat.
- Acceptable for use as either a primer or topcoating.
- May be applied directly to metal.
- Produces a hard scuff resistant finish.
- Resists cracking and peeling.
- Provides superior adhesion, hardness and durability.
- An excellent corrosion control coating.
- Withstands extremes in temperature.

# PERFORMANCE DATA

A-9-73 Zinc Dust Primer

(A-9-73/MIL-P-21035)

**COLOR(S):** Gray.

**PRODUCT TYPE:** Organic-Inorganic Zinc Rich Primer.

**DESCRIPTION:** A combination Organic-Inorganic Zinc Rich Primer supplied ready-mixed with Zinc Dust and Vehicle together. It is formulated with special components to provide better mechanical and chemical bond and offer resistance to rust, weathering or heat.

**Intended Use:** A primer for use on bare ferrous metals, general marine use, or severe atmospheric exposures when topcoated , for regalvanizing welds, bridges, steel pipes, chemical plants when properly topcoated or architectural equipment.

## PHYSICAL CHARACTERISTICS

**VISCOSITY:** 88-92 k.u.

**WEIGHT SOLIDS:** 81%

**TACK FREE:** 1 hour, **DRY TO TOUCH:** 30 minutes, **DRY HARD:** 2 hours

**VOLUME SOLIDS:** 42%

**TIME TO RECOAT:** 4 hours

**WEIGHT PER GALLON:** 20-23 lbs. per gal.

**V.O.C.:** 486 grams per liter

**COLOR RANGE:** Gray

**FLASH POINT:** 50° F.

**PRACTICAL COVERAGE:** 240 square feet per gallon @ 10% loss.

**SURFACE PREPARATION:** Good cohesion can be produced, if steel is cleaned properly and no rust exists. Sandblast according to SSPC Specifications.

**APPLICATION:** Airless or conventional spray is the recommended application method. Airless tips should be approximately .027 inch orifice. Number of Coats: One coat at 2.3 mils. DFT. May be topcoated with vinyl, chlorinated rubber, polyester or epoxy polyamide.

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

**CLEAN-UP:** Tools and equipment may be cleaned with SM-605 Synthetic Thinner.