



Supermarine
Marine Paint

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SM-7390 Formula 150 Epoxy Primer

SM-7390

Formula 150 Polyamide Epoxy Primer

Formula 150 Polyamide Epoxy Primer (SM-7390) is a highly versatile two-component multi-purpose fast-drying epoxy primer formulated to provide outstanding adhesion, extra durability and resistance to strong chemicals, spilled fuel, acids, alkalis, solvents, salt spray and corrosion over a variety of marine substrates. Meets government specification number MIL-P-24441 Formula 150 (depending on color) so you know you are getting the best!

Formula 150 creates an impervious barrier to water and water vapors. It provides superior adhesion and durability over a wide variety of marine substrates. Specifically formulated to out perform one-part marine primers on wood, fiberglass and metal substrates. Use it to create a sound base for paint above or below the waterline or in high traffic, high abuse applications or in harsh weather environments.

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 in a marine environment. Recommended for use on ferrous and non-ferrous metals, aluminum, fiberglass and wood. Suitable for use on all interior and exterior surfaces.

A two gallon epoxy primer kit that consists of A & B components. Covers 300-350 square feet per gallon depending on surface and specific application requirements. Multiple coats are recommended for constant submersion duty. Dries to the touch in 30 minutes, tack free in 1 hour, recoatable in 4 hours, dries hard in 8 hours. Apply by brush, roller or spray. Coverage is approximately 250-300 square feet per gallon @ 2 mils dry film thickness. Available in one gallon and two gallon kits.

Product Features

- Produces an effective barrier to moisture and vapors
- Hard to find government spec formula
- Binds rust to metal sealing out air and moisture
- Promotes adhesion on hard to coat surfaces
- Creates a firm base for a wide variety of top coating systems
- Provides superior adhesion and hardness
- Offers superior chemical resistance and durability.

PERFORMANCE DATA

SM-7390 Formula 150 Polyamide Epoxy Primer

(MIL-P-24441 Polyamide Green Primer (Formula 150))

COLOR(S): Green, Gray.

PRODUCT TYPE: 2-Component Epoxy-Polyamide.

DESCRIPTION: A two-component epoxy-polyamide with good resistance to solvents (except alcohols), salt spray, marine exposure and ordinary air pollutants. This product is approved for immersion service according to AAWA Inside System No. 1. The two components of this product must be mixed thoroughly one hour before using. It has self-priming qualities. Two or more coats are recommended.

Intended Use: As a primer where excellent adhesion is needed on solvent-cleaned steel. Acceptable for use on fiberglass and wood or for a protective base coat on infrastructure in a marine environment.

PHYSICAL CHARACTERISTICS

VISCOSITY: 77-87 k.u. (mixed)

DRY TO TOUCH: 2 hours

WEIGHT SOLIDS: 69-71% (mixed)

TACK FREE: 3 hours

VOLUME SOLIDS: 52-54% (mixed)

WEIGHT PER GALLON: 10.5 lbs. per gal. (mixed)

DRY HARD: 6 hours, recoat in 24 hours.

V.O.C.: 337 grams per liter (mixed)

FLASH POINT: 100° F. (mixed)

PACKAGING: 1 or 5 gallon containers

PRACTICAL COVERAGE: 250 square feet per gallon @ 3 mils dry film thickness.

SURFACE PREPARATION: When applied over primer, the primer should be clean, free from dirt and oil. New steel should be sand blasted to remove all mill scale. Solvent or power tool cleaning are satisfactory for atmospheric exposures and sandblasting is necessary if submerged service is desired.

APPLICATION: Airless or conventional spray. Roll or brush application are limited. A two-component system that is mixed just before using 1 Volume Component A to 1 Volume Component B. Induction time of one hour should be allowed before application.

THINNING: Not usually required but thin if necessary with industrial Methyl Ethyl Ketone. Max thinning is 10%.

CLEAN-UP: Tools and equipment may be cleaned with industrial Methyl Ethyl Ketone