



TOP SECRET COATINGS

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SM-117 Pre-Treatment Wash Primer

SM-117

Pre-Treatment Wash Primer

Supermarine Pre-Treatment Wash Primer (SM-117) is a Chromate Polyvinyl Butyral Two-Component Etching Wash Primer that is widely used on aluminum boats, equipment and infrastructure in marine environments. It promotes adhesion on hard to paint substrates such as aluminum, stainless and galvanized steel prior to the application of a rust preventative primer.

Pre-Wash Primer is especially effective on hard-to-adhere to surfaces such as stainless, aluminum and galvanized steel. It is not intended as a permanent protective marine primer in itself although some protection is afforded for short periods of time. To ensure best results the pre-treatment should be coated with a marine primer and finish with a protective marine coating as soon as possible.

Meets Federal Specification number MIL-P-15328. Recommended application is by means of a light brush coat at a dry film thickness of .00076 cm. to .00127 cm. Although, for best adhesion results, the wash primer should be applied by spray to no more than a fog coat. It is not necessary to hide the substrate with the primer. The major purpose of this primer is to provide an adhesion surface for subsequent primers and protective marine paint.

Covers 400-500 square feet per gallon. Dry to the touch in 5-10 minutes, tack free in 10 minutes, time to recoat 15-30 minutes. Pot life: 2-3 hours. Catalyst Mixing Rate: 4: 1 Part A : B. Available in one gallon and five gallon kits. Supplied at a spray viscosity designed for airless use Color: Green.

Product Features

- Hard to find government spec formula
- Covers 400-500 square feet per gallon
- Formula contains protective zinc chromates
- Promotes adhesion on hard to coat surfaces
- Makes coating aluminum, stainless or galvanized surfaces possible

Performance Data

SM-117 Pre-Treatment Wash Primer

DOD-P-15328/MIL-P-15328 (A-5-61) (Navy Formula 117)

COLOR(S): Fed.-Std.-595 No. 34096 or No. 34098

PRODUCT TYPE: Chromate Polyvinyl Butyral Two-Component Etching Wash Primer.

DESCRIPTION: SM-117 Pre-Treatment Wash Primer is designed to meet the above referred to federal specification. It is intended for use on clean metal surfaces of all types as a treatment prior to the application of the primer and top-coating system. It is especially effective on hard-to-adhere to surfaces such as aluminum, stainless and galvanized steel. It is not intended as a permanent protective primer in itself although some protection is afforded for short periods of time. To ensure best results, the pre-treatment should be coated with primer and finish as soon as possible.

Intended Use: For treatment of hard-to-adhere to metal surfaces prior to application of primer.

PHYSICAL CHARACTERISTICS

VISCOSITY: 63-75 k.u.

WEIGHT SOLIDS: 18-20% **VOLUME SOLIDS:** 12-15%

DRY TO TOUCH: 5-10 minutes **TACK FREE:** 10 minutes **DRY HARD:** 1 hour

TIME TO RECOAT: 15-30 minutes

POT LIFE: 2-3 hours.

WEIGHT PER GALLON: 7.30-7.70 lbs. per gal.

V.O.C.: 650 grams per liter **FLASH POINT:** 150° F.

COLOR RANGE: Government spec. only

PACKAGING: 1 or 5 gallon containers

SURFACE PREPARATION: All surfaces to be coated must be clean and free of oil, loose foreign matter and surface contaminants.

APPLICATION: Government specification recommends application by means of a light brush coat at a dry film thickness of .00076 cm. to .00127 cm. Although, for best adhesion results, the wash primer should be applied by spray to no more than a fog coat. It is not necessary to hide the substrate with the primer. The major purpose of this primer is to provide an adhesion surface for subsequent primers and topcoat. Coverage N/A.

THINNING: Thin with Isopropyl Alcohol only to spray viscosity/20-25" Zahn #2 Flow Cup. Catalyst Mixing Rate: 4 : 1 Part A : B

CLEAN-UP: Tools and equipment may be cleaned with alcohol, SM-605 Synthetic Thinner or SM-610 Lacquer Thinner.