



Pretreatment Primer 100G2029

PRODUCT DESCRIPTION

Pretreatment Primer was developed for use on steel, aluminum and galvanized steel surfaces. Application calls for 0.3 maximum dry mils.

Pretreatment Primer insures good adhesion of the topcoat because it chemically bonds to the metal. **Pretreatment Primer** is to be used where superior adhesion is required. **Pretreatment Primer** accepts various topcoats including alkyds, epoxies and polyurethanes. **Pretreatment Primer** was formulated to be non-photo chemically reactive and to be HAPS and TAPS compliant. Additionally, it meets many military specifications by ingredient and performance ratings.

Pretreatment Primer is composed of two components, 100G2029 Base Component and 100X2030 Acid Component.

APPLICATION INFORMATION

SURFACE PREPARATION: Surface of substrate should be dry, clean, and in sound, paint worthy condition. The surface must be free of dirt, grease, oil, salts, loose rust, loose mill scale, and any other foreign materials or contaminants. This primer performs well over steel surfaces cleaned in accordance with SSPC-SP 7 Sweep Blasting. For aluminum and galvanized finishes, a minimum of SSPC-SP 1 Solvent Cleaning is recommended.

APPLICATION: Brush, conventional or airless spray.

MIXING & THINNING INSTRUCTIONS:

Stir 100G2029 Base Component thoroughly. Slowly add all of 100X2030 Acid Component and mix thoroughly using mechanical agitation. When mixing less than a full kit, mix four volumes of base and one volume of acid. Thin up to 20% by volume with 560X0980 Pretreatment Reducer.

This product is available in one-gallon kits and five-gallon kits.

Prices may be obtained from your Sumter Coatings Sales Representative, or by calling Sumter Coatings Customer Service at 1-888-471-3400.

TECHNICAL INFORMATION

Generic Type: Acid Wash Primer – Two Component

Gloss: 5 units maximum @ 60°

Use: Pretreatment of metal prior to topcoating.

Color: Yellowish Green

Recommended Film Thickness:

0.3 Mils Dry
3.0 Mils Wet

Spread Rate: Apply at approximately 530 sq ft/gal to obtain a dft of 0.30 mil (100% paint utilization).

Dry Time: @ 77°F (25°C) & 50% Relative Humidity

Set To Touch: 5 – 12 minutes
Set To Handle: 12 minutes
Dry To Recoat: 15 minutes

NOTE: Drying times are dependent upon film thickness, temperature and humidity.

Flash Point: 53°F (12°C)

Viscosity: 35” – 45” #2 Zahn (Activated)

VOC: 5.90 lbs/gal (708 g/l) (Activated)

#HAPS / Gal Solids: 0.87 (Activated)

Solids By Volume: 9.87 ± 2% (Activated)

Solids By Weight: 18.69 ± 2% (Activated)

Weight Per Gallon: 7.42 ± .2 lbs/gal (Base)
7.57 ± .2 lbs/gal (Acid)

Shelf Life: One year each component unopened.

Pot Life: 4 – 8 hours depending on temperature.

Clean Up: All equipment must be cleaned using 560X0980 Pretreatment Reducer as soon as painting is finished.

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The technical data furnished are true and accurate to the best of our knowledge at the date of issuance. It is subject to change without prior notice. It is suggested the user verify with Sumter Coatings, Inc. prior to specifying or ordering. Test results are believed to be reliable, however, no guarantee of accuracy is given or implied. We guarantee all products to conform to Sumter Coatings, Inc.'s quality control standards. Liability, if any, is limited to replacement of product. No other warranty or guarantee of any kind, expressed or implied, is made by Sumter Coatings, Inc., including fitness for a particular purpose.