

ROPON HIGH SOLIDS PRIMER

729381 Tan Color No. 20260
Similar to Federal Specifications 595

PRODUCT DESCRIPTION

A HIGH BUILD POLYAMIDE-CURED EPOXY RUST INHIBITIVE PRIMER.

VOC Compliant

Basic Use A high build polyamide-cured epoxy rust inhibitive primer. For use on properly prepared steel surfaces. High build formulation offers fast dry and ease of application.

Excellent primer for epoxy and polyurethane topcoats for use in steel mills, sewage plants, pulp and paper mills, petroleum refineries, marine facilities and similar severe chemical environments. Note.-Lead and Chromate free.

Packaging: 1: 1 Mix
1 gallon kit = 2 gallons
5 gallon kit = 10 gallons

Finish: A flat primer finish.

Thinning: No thinning is recommended for high build use. For low build application thin 10% with No. 799398x Ropon Thinner.

Spreading Rate: Coverage: applied at 380 square feet per gallon, will achieve a dry film thickness of 2 dry mils.

Coverage: Applied at 120 square feet per gallon will achieve a dry film thickness of 6 dry mils.

Note Allow for a 20% loss on smooth surfaces. Actual coverage depends on porosity and profile of the surface.

Light Reflectance: 44% LRV

Viscosity Range:
70-80 Krebs Units at 77* Fahrenheit (Blended).

Odor. Industrial paint thinner odor.

Toxic Properties: Non-toxic as a dry film

Resistance to Moisture: Excellent

Weight: 11.27 lbs. per mixed catalyzed

Solids Weight: 11.31% ± 2%(blended)

Solids Volume: 71.2% ± 2% (blended)

Theoretical VOC:
3.16 lbs. per gallon (blended). 378 grams per liter (blended)

SURFACE PREPARATION

Metal:

Galvanized: Clean thoroughly. Prime with No. 709700x Vinyl Wash Primer.

Ferrous Metal: Can be applied directly to ferrous metal.

On rusted surface apply Corro Seal® Rust Converting Primer, then apply Ropon Hi Solids Primer as intermediate coat.

APPLICATION

Surfaces to be coated must be dry and maintained at 50' Fahrenheit minimum temperature during curing of film. Do not apply to surfaces that are less than 5' Fahrenheit above the dew point.

Method: Brush, roll, airless or conventional spray. For conventional spray use 15-20 pounds fluid pressure and 50-60 pounds air pressure.

Brush: A top quality natural bristle brush is recommended.

Roller: A top quality polyester cover is recommended.

Airless Spray: Use equipment capable of constant 1850 psi at the tip. Use a .013" to .019" tip orifice.

Conventional Spray: DeVilbiss JGA Gun or equivalent. Fluid pressure 20 psi; atomizing pressure 35 to 40 psi.

HVLP: .055 -.70 nozzle, 8 -10 psi air cap atomizing air.

DRY TIME

At 77' Fahrenheit & 50% Relative Humidity:

To Touch: 2 hours

Recoat: 16 hours

Dry Hard: 4 days

CLEAN UP

Clean Up: Rodda No. 799243x Ropon 11 Thinner.

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