



291 RUST INHIBITING PRIMER

TECHNICAL DATA SHEET



DESCRIPTION:

APOC® 291 Rust Inhibiting Primer is a high performance, acrylic primer designed to stop corrosion damage of ferrous metals. APOC Rust Inhibiting Primer stops rust, adheres to difficult substrates and gives a corrosion resistant seal to protect against future damage. APOC 291 dries to a red finish and is an ideal base coat for any APOC coating. APOC 291 is great for use over metal roofing, window frames, sidewalls, rail cars, pipes and equipment, tanks exteriors and structural steel. Existing rust is permanently sealed to prevent moisture infiltration and weathering from sun, water, salt and additional oxidation. Apply topcoat directly to primed surface.

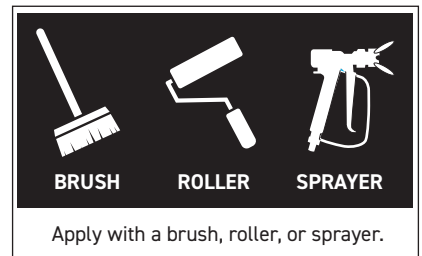
PREPARATION:

All surfaces must be completely clean, dry, have proper drainage and be free of surface rust, dust and any other foreign matter or debris. Sand surfaces to remove/ scrape away as much existing rust as possible. Surfaces with mildew or stains must be cleaned with APOC 801 Heavy Duty Roof Cleaner or comparable cleaner prior to applying this product. Rinse thoroughly and allow to dry 24 hours. Repair all leaks and cracks BEFORE applying any primer. Make repairs with polyester reinforcing fabric and APOC 264 Elastomeric Roof Patch or use APOC Incredible® Fleece-Top Tape as an alternate repair. Allow repair to cure according to product directions before application of roof primer. Do not heat or thin. DO NOT APPLY WHEN RAIN OR HEAVY DEW IS EXPECTED WITHIN 24 HOURS OF APPLICATION COMPLETION.

APPLICATION:

For exterior use only. Protective clothing, gloves, and eyewear should be used during application of this product. Always apply on a clear, warm sunny day, Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be between 55°F (13°C) and 100°F (38°C) for 24 hours. Apply with brush, 3/4" nap exterior paint roller or professional airless sprayer. Apply a smooth and continuous coat over all areas containing rust, extending primer a minimum of 2" past rust in all directions. Apply topcoat directly to primed surface. Dries for recoat in 4 hours and fully cures in 24 - 36 hours at 70°F (21°C) & 50% relative humidity.

NOTE: If roof becomes hot (over 100°F/38°C) during application, lightly mist roof surface with water spray to prevent coating from drying too fast. Remove any excess or puddling water prior to coating.



COVERAGE RATE:

(May vary depending on texture of surface)
Approximately .5 -1 gal. per 100 sq. ft.

CLEAN-UP:

Soap and water

STORAGE & HANDLING PRECAUTIONS:

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety Data Sheets are available on the APOC website at www.apoc.com. You can also obtain a copy from your local APOC Distributor or APOC sales representative.

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	10.52 lb.
Solids by Weight (ASTM D1644)	53.0%
Solids by Volume (ASTM D2697)	40.0%
Gloss Reading at 60 °	N/A
Viscosity (ASTM D2697)	75.0 KU
Film Dry Thickness	1.8 mil
Combustible Solvents	Glycol Ether
Consistency	Brush, spray or roller
Cure Time (50% Relative Humidity, 70 °F)	30 min.
Full Cure (50% Relative Humidity, 70 °F)	1 hour.
Application Temperatures	50 °F - 110 °F
Spray Info	2000 PSI .017-.030 Tip Size 1.0-3.0 GPM

Approx. Shipping Weights:

(Note: All approx. weights include container)

1 gallon (3.8L)	11 lb.
(4) 1 gallon containers/case	44 lbs.
5 gallons (18.9L)	55 lbs.
55 gallon drum (208.2L)	605 lbs.

VOC: <50 g/L max. (regulatory)



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PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE CLOTHING



GLOVES

WARRANTY & DISCLAIMER:

Register your warranty for extended warranty terms within 60 days of the completion of the project at www.apoc.com/pages/warranty. APOC Roofing Systems, LLC hereby warrants to the original purchaser, contingent upon original proof of purchase, that this product will be free from any defects that may materially and adversely affect the product's performance for a period of one year from the date of original purchase.