



Product Data Sheet

Anco Rust Inhibitive Primers – 1703, 1711, 1722 & 1730

Product Description

A low VOC, penetrating oil/alkyd rust inhibitive primer.

Where to Use

Typical substrates include structural steel, storage tanks, steel fences, machinery and equipment.

Product Characteristics

Color #1703 Gray, #1711 Dark Gray, #1722 Red and #1730 White

Gloss Flat

Architectural and Industrial Maintenance Category Not Intended for Residential Use, Shop Use Only

<u>Drying Time</u>	Temperature	To Touch	To Recoat
	75°F / 55% R.H.	2 Hours	8 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation For maximum performance, the recommended substrate should be blasted in accordance with SSPC-SP7. If blast cleaning is not feasible, the substrate should be degreased in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams should be ground down. Full use should then be made of mechanical power tools, in conjunction with wire brushing and chipping to remove all loose rust and mill scale to a standard of cleanliness conforming to SP-2 or SP-3.

Finish Coats Suitable topcoats include alkyds, modified alkyds, and water-borne coatings. Do not apply epoxies, vinyls, or other coatings containing strong solvents such as aromatics or ketones. Consult your Anchor representative for specific job recommendations.

Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning If permitted by federal, state, and local regulations, thin only if necessary with Anchor #J1131 for spray applications or #J1112 for brush or roller.

Surface Temperature Minimum 40°F, Maximum 110°F - The surface should be dry and the relative humidity should be no greater than 85%.

Recommended Thickness 1.6-2.0 mils dry

Theoretical Coverage 797 ft²/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the color, application technique, porosity and design of the substrate.

<u>Coverage Rates per Coat</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft²/gal</u>
<u>Suggested</u>	1.8	3.6	443
<u>Minimum</u>	1.6	3.2	498
<u>Maximum</u>	2.0	4.0	399

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	0.011"-0.015"
	<u>Conventional Spray</u>	Air Pressure	60-80 psi
		Fluid Pressure	10-20 psi
	<u>Brush</u>	Use a high quality natural china bristle brush.	
	<u>Roller</u>	Use a 1/4" Synthetic nap roller cover.	

Application Considerations The recommended method of application is by airless spray. However, brush, roller or conventional spray may also be used. To avoid dusting, apply in wet coats. On a derusted surface, the application of a dry film thickness of at least 2 mils is recommended. With any oxidative coating, faster dry time may be obtained with increased air movement and/or higher substrate or material temperature.

Clean-up & Storage

<u>Cleanup</u>	Use Anchor #J1131 synthetic thinner	
<u>Storage Temperature</u>	Minimum 20°F	Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years	

Safety & Important Information

WARNING! COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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LIMITED WARRANTY: The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.



Technical Information Sheet

Anco Rust Inhibitive Primers – 1703, 1711, 1722 & 1730

Product Description

General Description A low VOC, penetrating oil/ alkyd rust inhibitive primer.

Common Usage Typical substrates include structural steel, storage tanks, steel fences, machinery and equipment.

Color #1703 Gray, #1711 Dark Gray, #1722 Red and #1730 White

Finish Flat

Technical Data

Solids by Volume 49.69% – Varies by Color

Recommended Thickness 1.6-2.0 mils dry per coat

Drying Time

Temperature	To Touch	To Recoat
75°F / 55% R.H.	2 Hours	8 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Architectural and Industrial Maintenance Category Not Intended for Residential Use, Shop Use Only

Actual VOC 3.30 lb/gal (395 g/l) – Varies by Color

Density 10.85 lb/gal (1300 g/l) – Varies by Color

Theoretical Coverage 797 ft²/gallon at 1 mil dry, assuming no application loss. Coverage will vary on color, surface texture and application technique.

Packaging 55 Gallon drums, 5 Gallon pails, 1 Gallon cans, and quart (1/4 gallon) cans

Storage Temperature Minimum 20°F Maximum 110°F

Chemical Resistance Alkalis: Poor Acids: Good Water: Excellent

Safety Information Refer to the Product Data Sheet or Material Safety Data Sheet for safety information.

Performance Data

Substrate S36 Q Panels

Test Name	Coating System	Test Method	Results
Salt Fog Resistance	1 Coat 1730	ASTM B117	250 Hours

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