



Product Data Sheet

Quick Dry Gray Primer – 0472

Product Description

This product is a fast dry, phenolic modified alkyd, sandable primer.

Where to Use

Typical uses include shop application of structural steel, storage tanks, steel fences, machinery and equipment. This coating can also be used as a barrier coat over alkyds to permit vinyls, epoxies or other coatings containing strong solvents to be applied.

Product Characteristics

Color Gray

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.	20 Minutes	30 Minutes

(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 SSPC-SP2 or SP-3.

Finish Coats Typical topcoats include alkyds, lacquer, urethanes, or epoxies. Each service environment may require a specific coating system or combination of Anchor products. 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 Only thin if permitted by federal, state and local regulations; use Anchor #J1131 synthetic thinner.

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 723 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	4.0	402
<u>Minimum</u>	1.6	3.6	452
<u>Maximum</u>	2.0	4.4	361

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
			Tip
	<u>Conventional Spray</u>	Air Pressure	60-80 psi
		Fluid Pressure	10-20 psi

Application Considerations 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.

Technical Information

<u>Solids by Volume</u>	45.07%		
<u>Coating VOC</u>	3.89 lb/gal (466 g/l)		
<u>Density</u>	11.36 lb/gal (1361 g/l)		
<u>Packaging</u>	Tote Tanks, 55 Gallon drums, 5 Gallon pails, and 1 Gallon cans		
<u>Physical Properties</u>	<u>Alkalis:</u>	Poor	<u>Acids:</u> Good <u>Water:</u> Very Good
<u>Performance Data</u>			

Test	Test Data
Salt Fog B117	250 hours on S-36 Standard Q-Panels
Pencil Hardness	HB Pencil ASTM 3363
Direct Impact	Pass 20 in/lb ASTM 2794
Reverse Impact	Fail 10 in/lb ASTM 2794
Crosshatch Adhesion	4B ASTM 3359
Conical Mandrel Bend	Pass ½ inch ASTM D522 A
Pull off Adhesion	250 in/lb ASTM D4541
Dry Temperature Resistance	Dry Temperature Resistance <ul style="list-style-type: none"> • 200F Continuous • 250F Non-Continuous. Discoloration and loss of gloss is observed above 250F.

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

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. CONTAINS: XYLENE AND PETROLEUM DISTILLATES. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. May be harmful if absorbed through skin. **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.

Vapors may ignite explosively. Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources or ignition during use and until all vapors are gone. 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. Do not get in eyes, on 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.

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.