



Product Data Sheet

Fast Dry Primer Series – CC2733, CC2811 & CC2812

Product Description

Anchor's Fast Dry Primers are low HAPS, quick-drying modified-alkyd primers for protection of steel substrates. They can be top coated with most alkyds and urethanes without lifting.

Where to Use

The economical primer choice for original equipment, machinery and structural steel. Suitable for production-line and field-applied applications. For higher performance properties consider Anchor's CC0655 RTS Gray Primer.

Product Characteristics

Color #CC2733 – Gray, #CC2811 – White & #CC2812 – Red

Gloss Low Gloss

Architectural and Industrial Maintenance Category Quick Dry Primers

Drying Time

Temperature	To Touch	To Recoat
75°F / 55% R.H.	15 Minutes	40 Minutes

Dry Time Considerations

Faster dry times can be obtained by force-drying. This may be done by heating the substrate, the paint, or the environment. The suggested recoat time may be lessened based on the conditions at the time of application. This will be especially true in the winter when the temperature of the steel and the ambient temperature in the paint booth must be increased along with the temperature of the paint. (In-line heating of the paint also drying measures are taken, a wet coat must be attained on the substrate. After application of the primer, the coating must be given enough time for the majority of the solvent to evaporate or risk compromising initial adhesion, solvent-entrapment, gloss and durability, and potential premature failure. These guide lines in no way can completely cover all possible scenarios and variables and are only suggestions based on the methods and criteria as we know it.

Preparation & Priming

Surface Preparation The substrate should be cleaned in accordance with SSPC-SP1. For maximum performance, the substrate should be blasted in accordance with SSPC-SP6. All burrs should be removed and sharp edges or rough weld seams should be ground down. Where weathered steel is present, appropriate chemical cleaning or blasting will be necessary.

Finish Coats Typical topcoats include alkyds, acrylic-alkyds and urethanes.

Mixing & Application

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

Thinning This coating is VOC compliant; thin with mineral spirits (Anchor #J00014), a no-HAPS solvent, up to 15% when permitted by federal, state and local regulations

Surface Temperature Minimum 50°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 782 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.

Coverage Rates per Coat	#	Dry Mils	Wet Mils	Ft ² /gal
<u>Suggested</u>		1.8	3.7	434
<u>Minimum</u>		1.6	3.3	489
<u>Maximum</u>		2.0	4.1	391

<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 high quality natural china bristle brushes.	

Mixing & Application Continued

Application Considerations Start with a 0.011" tip orifice and pressures that allow for a wet coat without dusting or blow-out. Adjust tip and pressure settings as necessary. Where air quality regulations allow, thin only if necessary up to 15% or until material atomizes at the tip. Apply in wet coats to avoid dusting. When spraying, use a cross-hatch method, overlapping each pass 50%. Clean spray system thoroughly before and after each use. On a derusted surface, the application of a dry film of at least 1.6 mils is recommended.

Technical Information

Solids by Volume 48.74% – Varies by Color

AIM Category VOC Limit 3.8 lb/gal (450 g/l)

Actual VOC 3.38 lb/gal (405 g/l) – Varies by Color

Density 12.42 lb/gal (1488 g/l) – Varies by Color

Packaging 55 Gallon drums, 5 Gallon pails, and 1 Gallon cans

Heat Resistance Continuous: 150°F, Upper Limit/Temperature Spikes: 250°F

Salt Fog Resistance 100 Hours on S-36 Q-Panels

Clean-up & Storage

Cleanup Use Anchor #J0014 Mineral Spirits

Storage Temperature Minimum 20°F Maximum 110°F

Shelf Life 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 and 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.