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DURABLE PROTECTIVE COATINGS

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 via heating the substrate, the paint or by temperature and air movement after painting. Therefore the suggested recoat time can 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
For maximum performance, the recommended substrate should be blasted in accordance with SSPC-SP6. 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. Where weather steel is applicable and where substrate has reached rust grade, the 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 ft^2/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
Suggested	1.8	3.7	434
Minimum	1.6	3.3	489
Maximum	2.0	4.1	391

Application Equipment

Airless Spray	Pressure	1200-2200 psi
	Tip	0.015"-0.017"
Conventional Spray	Air Pressure	60-80 psi
	Fluid Pressure	10-20 psi
Brush	Use high quality natural china bristle brushes.	

Mixing & Application Continued

Application Considerations	Start with a 0.015" 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.