



# Product Data Sheet

## Waterborne Acrylic Primers - 2700 Series

### Product Description

A 100% pure acrylic emulsion maintenance/shop primer that develops barrier corrosion resistance, normally associated only with solvent-borne primers.

### Where to Use

These primers offer excellent adhesion to various substrates such as structural steel, aluminum, galvanize, concrete, masonry, and wood.

### Product Characteristics

Color #2730 White, #2703 Gray, and #2722 Red

Gloss Low Sheen

Architectural and Industrial Maintenance Category Primers and Undercoaters

<u>Drying Time</u>	<u>Temperature</u>	<u>To Touch</u>	<u>To Recoat</u>
	75°F / 55% R.H.	30 Minutes	2 hours

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation Apply only over clean, dry and properly cured surfaces that are free of cutting solutions, form release agents, dirt, loose foreign matter and moisture. On structural steel, the substrate shall be thoroughly degreased in accordance with SSPC-SP1 standards. All burrs should be removed and sharp edges or rough weld seams should be ground down. All rust and mill scale should be removed as required by SSPC-SP6 surface preparation (minimum). For bridge construction, SSPC-SP5 is recommended.

Finish Coats Typical topcoats include waterborne enamels such as Anchor #3800 Series and many alkyd enamels. 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 Thin with water only if necessary

Surface Temperature Minimum 50°F, Maximum 90°F

Recommended Thickness 3 mils dry for maximum performance

Theoretical Coverage 613 ft<sup>2</sup>/gallon at 1 mil dry, assuming no application losses. Coverage will vary depending on color, the surface texture and application technique.

<u>Coverage Rates per Coat</u>	<u>Dry Mil</u>	<u>Wet Mil</u>	<u>Ft<sup>2</sup>/gal</u>
<u>Suggested</u>	3.0	7.8	204
<u>Minimum</u>	2.0	5.2	306
<u>Maximum</u>	4.0	10.5	153

<u>Application Equipment</u>	<u>Airless Spray</u>	
	Pressure	1800-2400 psi
	Tip	0.015"-0.019"
	<u>Conventional Spray</u>	
	Air Pressure	60-80 psi
	Fluid Pressure	10-20 psi

Application Considerations Spray recommended. Do not apply when overnight freeze, rain or dew is forecast. NOTE: During Conditions of high humidity or moist air, allow for a much longer cure time. Warm air, moving over the substrate, will promote drying and improve cure time when less than optimum application conditions exist. When applying this coating by roller application, extra attention to detail is necessary to avoid pinholes.

### Clean-up & Storage

Cleanup Use soap and water

Storage Temperature Minimum 35°F Maximum 110°F

**Clean-up & Storage Continued**Shelf Life

Under Normal Conditions (Unopened) – Two Years

**Safety & Important Information**

WARNING! VAPOR HARMFUL. CONTAINS: DIPROPYLENE GLYCOL MONOMETHYL ETHER. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye irritation. Harmful if swallowed. 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. 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](http://www.epa.gov/lead). WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

Version: 1/2012

**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.

