



Product Data Sheet

W/B Acrylic Concrete Stain Base – CC2690

Product Description

A durable 100% acrylic water based stain specifically designed for structural concrete.

Where to Use

This is a quality maintenance coating for commercial traffic on bridges and other concrete applications.

Product Characteristics

Color White tinted to custom colors

Gloss Semi-Transparent Stain

Architectural and Industrial Maintenance Category Stains, Clear and Semi-Transparent

<u>Drying Time</u>	<u>Temperature</u>	<u>To Touch</u>	<u>To Recoat</u>
	45°F / 55% R.H.	2.5 Hours	5 Hours
	75°F / 55% R.H.	1 Hour	2 Hours
	100°F / 55% R.H.	20 Minutes	40 Minutes

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation The surface must be completely dry and free of all contaminants including wax, dirt, oil, grease and loose or failing paint. Test concrete moisture content by taping a sheet of plastic to surface overnight. If moisture is present the next morning, do not paint. New concrete must be completely cured for 28 days before painting. If water beads rather than soaks into the surface, all smooth unpainted concrete should be washed with a non-soapy detergent such as tri-sodium phosphate (T.S.P.) and thoroughly rinsed. Test with litmus paper or a pH pencil to assure a pH of 7-9. If pH is not in range, the surface must be rinsed until a neutral pH is attained.

Primer Coat Use the appropriate bonding agent as required, otherwise it is self-priming. 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 up to one pint per gallon

Surface Temperature Minimum 40°F, Maximum 110°F - The surface should be dry and the relative humidity should be less than 85%.

Recommended Thickness 1.6-2.0 mils dry per coat, two coats recommended for uniform appearance

Theoretical Coverage 681 ft²/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>#</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft²/gal</u>
<u>Suggested</u>		1.8	4.2	378
<u>Minimum</u>		1.6	3.8	426
<u>Maximum</u>		2.0	4.7	340

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1800-2400 psi
		Tip	0.015"-0.017"
	<u>Conventional Spray</u>	Air Pressure	40-70 psi
		Fluid Pressure	10-20 psi
	<u>Roller</u>	Use 1/4"-1 1/4" nap synthetic covers, depending on surface texture.	
	<u>Brush</u>	Use high quality synthetic or nylon bristle brushes.	

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Mixing & Application Continued

Application Considerations Brush, spray or roll. Strain material before spraying. Back roll after spraying. Check color prior to applying as Anchor cannot be responsible for color dissatisfaction after application. Always apply into rather than away from wet edge, overlapping each pass 50%. Avoid touching up, rolling or brushing back into paint more than ten minutes after applying. Touch up when paint is completely dry. Allow to cure ten days before cleaning newly painted surfaces.

State Lab Evaluation Anchor Paint Structural Concrete Stain Series has been evaluated by the chemical unit of the Central Materials Laboratory of the State of Colorado Department of Highways. Our coatings were found to be acceptable for projects using the concrete coatings specified in Section 601 & 708 of the Colorado Department of Highways Structural Concrete Coating Standard.

Technical Information

Solids by Volume 35.62% – Before Tint Color

AIM Category VOC Limit 4.6 lb/gal (550 g/l)

Coating VOC 0.71 lb/gal (85 g/l) – Minus Water and Exempt Materials – Before Tint Color

Material VOC 0.27 lb/gal (32 g/l) – Before Tint Color

Density 11.19 lb/gal (1340 g/l)

Packaging 55 Gallon Drums, 5 Gallon pails, 1 Gallon cans

Physical Properties Flexibility: Excellent Weather: Excellent Abrasion: Good

Heat Resistance 120-150°F Continuous

Clean-up & Storage

Cleanup Use soap and water

Storage Temperature Minimum 35°F Maximum 110°F

Shelf Life Under Normal Conditions (Unopened) – Two Years

Safety & Important Information

WARNING! OVEREXPOSURE MAY CAUSE KIDNEY DAMAGE. CONTAINS: ETHYLENE GLYCOL. Causes eye irritation.

Use only with adequate ventilation. Avoid breathing 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. 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.