



221 E. Carolina Avenue Memphis, TN 38126
(800) 424-9300 CHEMTREC
INFORMATION TELEPHONE NO.: (901) 526-2211
www.farrell-calhoun.com help@farrell-calhoun.com

PRODUCT DATA SHEET

2300 100% ACRYLIC ELASTOMERIC COATING

PRODUCT PROFILE

DESCRIPTION

2300 is a premium 100% Acrylic Elastomeric product that has excellent flexibility, high solids and good resistance to dirt pick-up. This Elastomeric coating is formulated with a resin system that has “snap-back” elasticity and elongation necessary to accommodate cracks caused by contraction and expansion. Normal latex paints will rupture or wrinkle when a masonry crack expands or contracts, but this top quality coating will either bridge an expanding crack or “snap-back” to a contracting crack. This permanent flexibility not only aids in hiding cracks, but also offers outstanding protection against water penetration. Due to the high solids, high film build of this product, 2300 easily repels wind driven rain and keeps the substrate dry. 2300 also prevents moisture from building up underneath the coating film. This latex coating does allow interior water vapor to escape easily, which helps both the masonry and the coating last longer.

TYPICAL USE

2300 is recommended to protect and beautify various architectural surfaces in commercial, residential and institutional applications. This product may be applied over previously painted surfaces that are in sound condition or properly primed exterior masonry surfaces. This product is recommended for painting over stucco, concrete, and cinder block substrates. 2300 may be used as a roof coating on pitched roofs. 2300 is not recommended for horizontal surfaces or where ponding water may occur.

PRIMERS

All bare spots should be primed with the appropriate primer. Prime smooth masonry surfaces with #697 100% Acrylic Bonding Primer, #1102 Acrylic-Epoxy Masonry Sealer or #1104 Epoxy Masonry Sealer. For CMU or split faced block, seal surface with #1102, #1104, or #1107 then, spray and back-roll first coat of #2300. Next, apply a second coat of #2300. Entire system must be 14-16 Mils Dry to prevent water passage.

SURFACE PREPARATION

The surface to be painted should be dry and free of any dirt, chalk, loose or peeling paint, grease, mildew, oil, rust, or other foreign contaminants. Repair/Caulk all cracks and fill all small holes or surface voids. Larger cracks and holes should be filled with an Elastomeric or urethane based sealant. Water blasting is highly recommended on all previously painted or old unpainted surfaces to remove dirt and chalk build up.

All new concrete surfaces must be properly cured before painting. Due to the nature of curing compounds, it is recommended that new concrete be allowed to cure at least thirty to sixty days. New tilt-up concrete panels must be cleaned and free of bond breakers, form-release agents, and/or curing compounds. Removal of these compounds may require hot water blasting or brush blasting with sand. The pH of the concrete needs to be below 10.0. If you have any questions about proper surface preparation,

	check your surface preparation guide or consult your Farrell-Calhoun representative.
COLOR	Available in white and can be tinted to any pastel color with universal colorants.
FINISH	Eggshell @ 60° 5 - 10
SOLIDS	59.6% by weight/47.0% by volume
ELONGATION	500% @ 77°F
THEORETICAL APPLICATION RATE	755 square feet per gallon at 1.0 mil dry film thickness. Coverage figures do not include loss of material while mixing, porosity or irregularity of the surface to be painted, or application methods.
RECOMMENDED SPREAD RATE	Apply at 100 – 125 square feet per gallon to achieve a WFT of 16 - 12 Mils and a DFT of 8 - 6 Mils per coat. <u>This product must be applied with two coats to meet a minimum 14 mils dry film thickness.</u>
VOC	15 grams per liter.
DRY TIME	At 77°F and 50% relative humidity: Thirty minutes to dust, dirt and bug free, one hour to tack free, and a minimum of four hours to recoat.
APPLICATION PRECAUTIONS	Do not paint if the atmospheric temperature or the substrate temperature is below 45°F or above 90°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening. <u>When painting large tilt-up buildings it is crucial to maintain a wet edge to avoid the appearance of lapping, especially in dark colors.</u>
APPLICATION EQUIPMENT	Conventional or airless spray, synthetic brush or roller cover. Airless is recommend due to the high film build that must be applied. Use a .021 to .031 reversible tip when spraying.
THINNING	Thinning is not recommended.
CLEAN-UP	Warm, soapy water.

SHIPPING & STORAGE

PACKAGING	5 Gallon Pails.
WEIGHT/GALLON	10.9 +/-0.1 Pounds
STORAGE TEMPERATURE	Minimum 35°F. Maximum 90°F.
SHELF LIFE	12 months at recommended storage temperature when stored in tightly sealed containers.
FLASH POINT	Water-based paint: Not applicable.

The technical data contained in this data sheet is accurate to the best of our knowledge. No warranty is expressed or implied since the method of application and its intended use is beyond our control.