

PRODUCT DESCRIPTION				PRODUCT CHARACTERISTICS			
<p>A 100% acrylic latex regular drying marking paint for concrete, brick, and bituminous surfaces. This product has been designed for painting centerlines, edge lines and auxiliary markings of highways, runways, parking lots, traffic aisles, etc. This product is normally not recommended for restriping.</p>				<p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 80 to 90 KU</p> <p>Weight Solids: 59% minimum</p> <p>Volume Solids: 41% minimum</p> <p>Density (Weight per Gallon): 11.94 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 67 g/L</p> <p>VOC (with exempts): 30 g/L</p> <p>Dry time: No-Pick-Up: 35 – 45 minutes Dry Through: 75 – 85 minutes <i>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</i></p> <p>Shelf Life: 12 months if unopened and stored in a cool area.</p> <p><b>THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, TOLUENE, CHLORINATED SOLVENTS, HYDROLYSABLE CHLORINE DERIVATIVES OR CARCINOGENS AS DEFINED IN 29 CFR 1910.1200.</b></p> <p><b>Note:</b> These results represent actual control values when tested under laboratory conditions. To the best of our knowledge, the above technical data is true and accurate at the date of issuance but is subject to change without prior notice.</p>			
PERFORMANCE CHARACTERISTICS							
Meets Performance Requirements of TT-P-1952B							
Test Description	Test Method	Requirements	Results				
Fineness of Grind	ASTM D1210	3 Hegman min.	Pass				
Dry Time No-Pick-Up	ASTM D711	75 minutes max.	Pass				
Flexibility	ASTM D522	Pass	Pass				
Freeze-Thaw Resistance	ASTM D2243	5 cycles	Pass				
Accelerated Package Stability	ASTM D1849	<5 Ku change	Pass				
Water Resistance	TT-P-1952B	Pass	Pass				
Bleeding Ratio	ASTM D969	0.95 min	Pass				
Scrub Resistance	ASTM D2486	400 cycles	Pass				
Dry Opacity	ASTM D2805	0.95 minimum	Pass				
Abrasion Resistance	ASTM D968	65 liters minimum	Pass				

**READ AND FOLLOW ALL INSTRUCTIONS AND WARNINGS ON PRODUCT LABELS AND DATA SHEETS.**

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Davies Imperial Coatings, Inc.

**WATERBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS**
**SURFACE PREPARATION**

The surface to be painted must be dry and free of loose paint, grease, oil, and dirt. Striping paints will not adhere to unclean surfaces. New concrete must be allowed to fully cure before painting. Adhesion can be adversely affected by sealers and efflorescence on new concrete. These should be removed by etching, abrasive blasting, or allowing the surface to weather for an extended period of time. New concrete and/or asphalt should be allowed to age for several months before painting. Applying a test stripe to test for adequate cure of new asphalt is recommended.

**COVERAGE**

Coverage is dependent upon user and usage. Normally, approximately 90 square feet per gallon. In terms of striping, approximately 20 gallons will stripe a 4-inch line one mile using a mechanical striper. Using a truck mounted spraying system, approximately 16 gallons will stripe a 4-inch line one mile. Over applying paint may cause "mud cracking" and may affect adhesion and longevity. Under applying paint may cause premature wear off and/or premature fading of color.

**THINNING**

None is normally required, but a small amount of water may be added if needed. DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints. Adding any amount of thinner may adversely affect dry time.

**SPRAY EQUIPMENT**

Application equipment must be clean from all previous paint(s). The use of non-stainless steel spray equipment is strongly discouraged as an alkaline paint may "surface shock" when exposed to other mild metals. Only stainless steel or plastic spray equipment should be used.

**APPLICATION**

Stir all containers thoroughly before using. Paint only in dry weather. Straining the paint when using spray equipment is recommended. May be applied by a marking machine, roller, or brush. No surface priming is required. Apply to a wet film thickness of 14-16 mils to yield a dry film thickness of 8-10 mils. For best results apply at substrate temperatures of 50°F and rising. When using glass beads, 4 - 6 pounds of beads per gallon is recommended. If spraying, do not mix beads directly into paint. When striping in cold temperatures, the warmer the paint the easier it is to spray. Recommended application conditions: 50°F minimum and 90°F maximum. Apply at least 5 °F above dew point with a relative humidity below 85%.

**CLEAN UP**

Clean all brushes, rollers, tools, and paint lines immediately with warm water and a mild detergent to prevent drying. If drying does occur, a mild caustic solution should remove dried film.

**DRYING TIMES**

Dry times are dependent upon weather conditions both before and after application. See Product Characteristics for more information.

**HANDLING SAFETY**

Avoid prolonged or repeated contact with skin. Avoid breathing of vapors or spray mist. Do not take internally. Close container after each use. Wear respirator, eye protection and protective clothing when handling. See SDS for further information.

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