



**Product Data Sheet
White F/D Latex Traffic
Marking Paint
#11005W**

Davies Imperial Coatings, Inc.
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PRODUCT DESCRIPTION				PRODUCT CHARACTERISTICS			
<p>A 100% acrylic latex fast drying marking paint for concrete, brick and bituminous surfaces. This product has been designed for painting centerlines, edgelines and auxiliary markings of highways, runways, parking lots, traffic aisles, crosswalks, etc.</p>				<p>Vehicle Type: Acrylic Latex Polymer</p> <p>Viscosity: 83 to 98 Ku</p> <p>Weight Solids: 73.00% minimum</p> <p>Pigment Solids: 50.00% to 54.00%</p>			
PERFORMANCE CHARACTERISTICS				<p>Density (Weight per Gallon): 13.00 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 109 g/L</p> <p>VOC (with exempts): 72 g/L</p> <p>Dry time: No-Pick-Up: 5 – 10 minutes Dry Through: 10 – 15 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>			
Formulated to Meet IDOT 1095.02 Specification							
Test Description	Test Method	Requirements	Results	<p>THIS PRODUCT DOES NOT CONTAIN MERCURY, LEAD, HEXAVALENT CHROMIUM, TOLUENE, CHLORINATED SOLVENTS, HYDROLYSABLE CHLORINE DERIVATIVES OR CARCINOGENS AS DEFINED IN 29 CFR 1910.1200.</p> <p><i>Note:</i> 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>			
Color (white)	Fed. Std. 595 #37925	6 CIE Lab	Pass				
Reflectance	IDOT 1095.02	85% minimum	Pass				
Fineness of Grind	ASTM D1210	3 Hegman min.	Pass				
Dry Time No-Pick-Up	ASTM D711	10 minutes max.	Pass				
Dry Time Dry Through	ASTM D1640	15 minutes max.	Pass				
Flexibility	TT-P-1952D	Pass	Pass				
Freeze-Thaw Resistance	TT-P-1952D	3 cycles	Pass				
Accelerated Package Stability	TT-P-1952D	<10 Ku change	Pass				
Water Resistance	TT-P-1952D	Pass	Pass				
Storage Stability	IDOT 1095.02	<5 Ku change	Pass				
Dry Opacity	IDOT 1095.02	0.97 minimum	Pass				

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WATERBORNE TRAFFIC MARKING PAINT APPLICATION REQUIREMENTS

SURFACE PREPARATION		SPRAY EQUIPMENT	
The surface to be painted must be dry, free of grease and/or oil and brushed free of loose dirt. Striping paints will not adhere to unclean surfaces. 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.	
THINNING		CLEAN-UP	
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.		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.	
APPLICATION		COVERAGE	
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 12-15 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%.		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.	
DRYING TIMES		HANDLING SAFETY	
Dry times are dependent upon weather conditions both before and after application. See Product Information Sheet for more information.		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 MSDS for further information.	

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

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