



# 4836 RED FAST DRY LATEX TRAFFIC MARKING PAINT

Bright Red for Hospital and Fire Zones


Product Description				Recommended Uses																																																			
<p><b>4836 FAST DRY RED LATEX TRAFFIC MARKING PAINT</b> is 100% latex acrylic (waterborne), designed for fast drying and quick turn around time. This is the best product to use for night striping and under adverse conditions.</p> <ul style="list-style-type: none"> <li>• Meets Federal Specification <b>TT-P-1952E type II</b></li> <li>• Formulated for Brush, Spray, or Roller</li> <li>• Fastest Dry Time for Quick Turn Around.</li> </ul>				<p>This product has been designed for painting handicaps, edgelines, curbs, and auxiliary markings of highways, runways, running tracks, medians, parking lots, traffic aisles, etc.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. This latex marking paint is considered to be the best product for use over freshly applied sealcoat or asphalt. <i>It is not recommended for restriping of previously striped lines.</i> Available in Yellow, White, Blue, Red, and Black.</p>																																																			
Performance Characteristics				Product Characteristics																																																			
<p><u>Meets TT-P-1952E type II Federal Specification</u></p> <table border="1"> <thead> <tr> <th>Test Description</th> <th>Test Method</th> <th>Requirements</th> <th>Results</th> </tr> </thead> <tbody> <tr> <td>Fineness of Grind</td> <td>ASTM D1210</td> <td>3 Hegman min.</td> <td>Pass</td> </tr> <tr> <td>Dry Time No-Pick-Up</td> <td>ASTM D711</td> <td>10 minutes max.</td> <td>Pass</td> </tr> <tr> <td>Dry Through Early Washout</td> <td>ASTM D1640</td> <td>&lt;120 minutes</td> <td>Pass</td> </tr> <tr> <td>Flexibility</td> <td>TT-P-1952E</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Freeze-Thaw Resistance</td> <td>TT-P-1952E</td> <td>3 cycles</td> <td>Pass</td> </tr> <tr> <td>Accelerated Package Stability</td> <td>TT-P-1952E</td> <td>&lt;5 Ku change</td> <td>Pass</td> </tr> <tr> <td>Water Resistance</td> <td>TT-P-1952E</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Bleeding Ratio</td> <td>ASTM D969</td> <td>0.95 minimum</td> <td>Pass</td> </tr> <tr> <td>Dry Opacity</td> <td>ASTM D2805</td> <td>0.92 minimum</td> <td>Pass</td> </tr> <tr> <td>Abrasion Resistance</td> <td>ASTM D968</td> <td>150 liters min.</td> <td>Pass</td> </tr> <tr> <td>Scrub Resistance</td> <td>ASTM D 2486</td> <td>500 cycles</td> <td>Pass</td> </tr> </tbody> </table> <p><i>Note: These results in Performance &amp; Product Characteristics 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.</i></p>				Test Description	Test Method	Requirements	Results	Fineness of Grind	ASTM D1210	3 Hegman min.	Pass	Dry Time No-Pick-Up	ASTM D711	10 minutes max.	Pass	Dry Through Early Washout	ASTM D1640	<120 minutes	Pass	Flexibility	TT-P-1952E	Pass	Pass	Freeze-Thaw Resistance	TT-P-1952E	3 cycles	Pass	Accelerated Package Stability	TT-P-1952E	<5 Ku change	Pass	Water Resistance	TT-P-1952E	Pass	Pass	Bleeding Ratio	ASTM D969	0.95 minimum	Pass	Dry Opacity	ASTM D2805	0.92 minimum	Pass	Abrasion Resistance	ASTM D968	150 liters min.	Pass	Scrub Resistance	ASTM D 2486	500 cycles	Pass	<p><b>Vehicle Type:</b> Acrylic Latex Polymer</p> <p><b>Viscosity:</b> 80 to 85 Ku</p> <p><b>Weight Solids:</b> 58.00% minimum</p> <p><b>Volume Solids:</b> 60.00% - 62.00%</p> <p><b>Density (Weight per Gallon):</b> 13.552 ± 0.20 lbs/gal</p> <p><b>VOC (minus exempts):</b> 92 g/L</p> <p><b>VOC (with exempts):</b> 63 g/L</p> <p><b>Dry time: No-Pick-Up:</b> 5 – 10 minutes <b>Dry Through:</b> 10 – 15 minutes <i>(Note: Applied film thickness, relative humidity and temperature will affect dry time)</i></p> <p><b>Shelf Life:</b> 12 months if unopened and stored in a cool area.</p> <p><i>This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.</i></p>			
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**CAUTION: DANGER! FLAMMABLE! VAPORS MAY CAUSE FLASH FIRE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED. INJURIOUS TO EYES. KEEP OUT OF THE REACH OF CHILDREN!** BEFORE using this product it is essential that the "[Material Safety Data Sheet](#)" describing the product as well as the "Product Label" be reviewed. If your company does not have such information or has any questions, contact **RAE Products at 1-708-396-1984 or refer to data at [www.raepaint.com](http://www.raepaint.com)**

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Preparation	Application								
<p>The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Striping paints will not adhere to unclean surfaces. Application equipment must be clean from all</p>	<p>Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. Newly sealed or asphalted surfaces should be allowed to cure before application. Paint only in dry weather with no forecast for rain. May be applied by a spray machine, roller or brush.</p>								
<p style="text-align: center;"><b>Thinning</b></p> <p>Thinning is normally not required, but a small amount of water may be added if needed. <i>Add water sparingly!</i> Diluting with water can reduce paint viscosity rapidly. DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints.</p>	<p>Application Rates: Apply at 15 mils. wet , 7.5 mils dry Coverage: Approx. 20 gallons will stripe a 4-inch line one mile.</p> <p>Glass beads can be broadcast or mixed into paint at a rate of 4 - 6 pounds of beads per gallon. If spraying, do not mix beads directly into paint.</p>								
<p style="text-align: center;"><b>Drying Times</b></p> <p>Dry times are dependent upon weather conditions. The warmer the temperature, the faster the paint will cure. Direct sunlight will speed up dry times. For this product, a basic drying schedule is:</p> <p style="text-align: center;">10 min. (walk on) - 20 min. (drive on)</p> <p><i>Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.</i></p>	<p style="text-align: center;"><b>Application Conditions</b></p> <p>Recommended application conditions: Apply between 50°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Temperatures should remain above 50°F for a 24 hour period.</p>								
<p style="text-align: center;"><b>Safety Precautions</b></p> <p><b>Always refer to the <a href="#">MSDS</a> for Handling and Hazard conditions.</b> Keep away from open flame. 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.</p>	<p style="text-align: center;"><b>Application Equipment</b></p>								
<div style="display: flex; justify-content: space-around; align-items: center;">  <table border="1" data-bbox="532 1472 740 1640"> <tr><td>HEALTH</td><td style="text-align: center;">1</td></tr> <tr><td>FLAMMABILITY</td><td style="text-align: center;">0</td></tr> <tr><td>PHYSICAL HAZARD</td><td style="text-align: center;">0</td></tr> <tr><td>PERSONAL PROTECTION</td><td style="text-align: center;">☒</td></tr> </table> </div>	HEALTH	1	FLAMMABILITY	0	PHYSICAL HAZARD	0	PERSONAL PROTECTION	☒	<p><b>Spray Equipment:</b> The use of stainless steel spray equipment is strongly encouraged, due to the fact that an alkaline paint will “surface shock” when exposed to mild metals. Only stainless steel or plastic spray equipment should be used. Straining the paint when using spray equipment is ALWAYS recommended.</p> <p><b>Airless Sprayers:</b> Use pressure between 1500-2000 psi - with tip size between .015” - 0.19” (note: use the lowest pressure necessary to achieve a flat edge-line)</p> <p><b>Brush:</b> Use Nylon/Polyester Natural Bristle</p> <p><b>Roller:</b> Use 3/8” Shed-resistant cover with phenolic core</p>
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FLAMMABILITY	0								
PHYSICAL HAZARD	0								
PERSONAL PROTECTION	☒								
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