




# 5371 WHITE ACRYLIC LOW VOC TRAFFIC MARKING PAINT

Low VOC - Brilliant White

Product Description				Recommended Uses																																																			
<p><b>5371 WHITE ACRYLIC TRAFFIC MARKING PAINT</b> is an acetone based, heavy duty marking paint formulated for excellent film build and better resistance to traffic wear and weather. <i>GEMSEAL's line of Low VOC Acrylic Marking Paints are designed for use over freshly applied asphalt sealcoat.</i></p> <ul style="list-style-type: none"> <li>• Meets Federal Specification <a href="#">A-A-2886(B) Type II</a></li> <li>• Formulated for Brush, Spray, or Roller</li> <li>• Ready to Spray - No Reduction Needed</li> </ul> <p><i>Note: The United States Environmental Protection Agency (EPA) has determined that ACETONE does not contribute, in any significance, to ozone formation or green house emissions - and has thus made it exempt from VOC regulatory requirements and the federal Clean Air Act.</i></p>				<p>This product has been designed for painting centerlines, edgelines, curbs, highways, airport runways, medians, parking lots, crosswalks, traffic aisles, storage zones, stop zones, auxiliary markings, etc.</p> <p>Use on concrete, asphalt, and brick. Exterior and Interior. Can be used with glass beads for added reflectance. Available in Yellow, White, Blue, Red, and Black.</p>																																																			
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<p><b>MEETS FEDERAL SPECIFICATION A-A-2886(B) TYPE II</b></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>Color (white)</td> <td>Fed. Std. 595 #37925</td> <td>6 CIE Lab</td> <td>Pass</td> </tr> <tr> <td>Reflectance</td> <td>ASTM E97</td> <td>85% minimum</td> <td>Pass</td> </tr> <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>Flexibility</td> <td>ASTM D522</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Consistency</td> <td>ASTM D562</td> <td>70 - 85 Ku</td> <td>Pass</td> </tr> <tr> <td>Accelerated Package Stability</td> <td>ASTM D1849</td> <td>&lt;5 Ku change</td> <td>Pass</td> </tr> <tr> <td>Water Resistance</td> <td>ASTM D1306</td> <td>Pass</td> <td>Pass</td> </tr> <tr> <td>Bleeding Ratio</td> <td>ASTM D969</td> <td>0.90 min</td> <td>Pass</td> </tr> <tr> <td>Dry Opacity</td> <td>Fed-Std-141</td> <td>0.92 min</td> <td>Pass</td> </tr> <tr> <td>Accelerated Weathering</td> <td>ASTM G53</td> <td>Pass</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	Color (white)	Fed. Std. 595 #37925	6 CIE Lab	Pass	Reflectance	ASTM E97	85% minimum	Pass	Fineness of Grind	ASTM D1210	3 Hegman min.	Pass	Dry Time No-Pick-Up	ASTM D711	10 minutes max.	Pass	Flexibility	ASTM D522	Pass	Pass	Consistency	ASTM D562	70 - 85 Ku	Pass	Accelerated Package Stability	ASTM D1849	<5 Ku change	Pass	Water Resistance	ASTM D1306	Pass	Pass	Bleeding Ratio	ASTM D969	0.90 min	Pass	Dry Opacity	Fed-Std-141	0.92 min	Pass	Accelerated Weathering	ASTM G53	Pass	Pass	<p>Vehicle Type: Acrylic</p> <p>Viscosity: 78 to 82 Ku</p> <p>Weight Solids: 68.00% minimum</p> <p>Volume Solids: 43.00% minimum</p> <p>Density (Weight per Gallon): 13.55 ± 0.20 lbs/gal</p> <p>VOC (minus exempts): 89 g/L</p> <p>Dry time: No-Pick-Up: &lt;10 minutes Dry Through: &lt;15 minutes</p> <p><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><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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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 previous paint(s).</p>	<p>Mix paint thoroughly before using. Surfaces should be clean and free from dirt and debris. New sealed or asphalt 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>Application Rates: Apply at 12-15 mils. wet , 7.5 mils dry Coverage: Approx. 400 linear ft./gal. with a 4" stripe Approx. 90 ft<sup>2</sup>/gallon (20 gal. = 1 mile @ 4")</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>
Thinning	
<p>Thinning is not required, and is not recommended. Dilution can adversely affect film build, appearance and adhesion. DO NOT add gasoline, oil or any other petroleum-based products.</p>	
Drying Times	Application Conditions
<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), 40 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>Recommended application conditions: Apply between 40°F minimum and 90 °F and at least 5 °F above dew point with a relative humidity below 85%. Best if applied at surface and ambient temperatures of 50°F and above.</p>
Safety Precautions	Application Equipment
<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> <div data-bbox="110 1461 488 1629" style="border: 1px solid black; padding: 5px;"> <p><b>PERSONAL PROTECTIVE EQUIPMENT</b></p>  <p>Splash Goggles + Gloves + Synthetic Apron + Dust and Vapor Respirator</p> </div> <div data-bbox="505 1472 792 1612" style="display: inline-block; margin-left: 20px;">   </div>	<p><b>Spray Equipment:</b> Always purge spray equipment of cleaning solvent before using this product. Recommended cleaning solvent: Toluene or Acetone</p> <p><b>Airless Sprayers:</b> Use pressure between 1500-2000 psi - with recommended tip size of .019" (or between .017" - .021"). Use the lowest pressure necessary to achieve a flat edge-line.</p> <p><i>Note: It is recommended to keep separate sprayers for latex and solvent based paints. If the same spray machine is used for both types of paint, extra care must be taken to avoid cross-contamination. Latex and solvent based paints are NOT COMPATIBLE.</i></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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