



**Traffic
&
Zone
Products**

10.02
SETFAST® LATEX
TRAFFIC MARKING PAINTS
TM2132 RED
TM2133 BLUE
TM2135 BLACK

PRODUCT INFORMATION

Revised 8/05

PRODUCT DESCRIPTION	RECOMMENDED USES																																	
<p>SETFAST LATEX TRAFFIC PAINTS are conventional dry (non-heated application) water based paints intended for use in marking parking lots, airports, and roads.</p> <ul style="list-style-type: none"> Fast drying High visibility Glass beads can be added for making reflective markings Abrasion resistant Low VOC Water cleanup 	<p>For marking airfields, highways, or parking lots, when colors other than standard white and yellow are needed, and water based or low VOC coatings are required.</p> <p>Red: No parking zones or fire lanes Blue: Handicap parking spaces Black: Painting out existing markings</p> <ul style="list-style-type: none"> Air fields State DOTs Shopping centers Streets and highways Municipalities Striping contractors Plant maintenance 																																	
PRODUCT CHARACTERISTICS	PERFORMANCE CHARACTERISTICS																																	
<p>Finish: Flat</p> <p>Color: Red, Blue, Black</p> <p>Volume Solids: 52% minimum</p> <p>Weight Solids: 68% minimum</p> <p>VOC (EPA Method 24): <100 g/L; 0.83 lb/gal</p> <p>Recommended Spreading Rate per coat: Approximately 320 lineal feet of standard 4" stripe per gallon Wet mils: 15.0 Dry mils: 8.3 Coverage: 110 sq ft/gal approximate</p> <p>NOTE: Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p>Drying Schedule @ 15.0 mils wet @ 50% RH: @ 77°F</p> <p>To touch: 45 minutes No traffic pickup after 45 minutes</p> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p>Shelf Life: 36 months, unopened Store indoors at 40°F to 100°F.</p> <p>Flash Point: 145°F, PMCC</p> <p>Reducer/Clean Up: Water</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="text-align: center;">TEST</th> <th style="text-align: center;">METHOD</th> <th style="text-align: center;">RESULT</th> </tr> </thead> <tbody> <tr> <td>Abrasion Resistance</td> <td>Taber/ASTM D4060</td> <td>220 min wear index</td> </tr> <tr> <td>Scrub Resistance</td> <td>ASTM D2486</td> <td>400 cycles minimum</td> </tr> <tr> <td>Flexibility</td> <td>TT-P-1952B</td> <td>Pass</td> </tr> <tr> <td>Fineness of Grind</td> <td>ASTM D1210</td> <td>3 Hegman minimum</td> </tr> <tr> <td>Viscosity</td> <td>ASTM D562</td> <td>80 to 90 KU</td> </tr> <tr> <td>Dry Opacity (Contrast Ratio)</td> <td>Fed. Mtd. 141C</td> <td>0.95 @ 5.0 mils</td> </tr> <tr> <td>Freeze-Thaw Stability</td> <td>ASTM D2243</td> <td>5 cycles minimum</td> </tr> <tr> <td>Color</td> <td>Fed. Std. 595b ASTM D2244 <6.0 CIELAB</td> <td>Red #31136 Blue #35180 Black #37038</td> </tr> <tr> <td>Bleeding Ratio</td> <td>ASTM D969</td> <td>0.95 minimum</td> </tr> <tr> <td>Dry No Pickup</td> <td>ASTM D711</td> <td>45 minutes maximum</td> </tr> </tbody> </table>	TEST	METHOD	RESULT	Abrasion Resistance	Taber/ASTM D4060	220 min wear index	Scrub Resistance	ASTM D2486	400 cycles minimum	Flexibility	TT-P-1952B	Pass	Fineness of Grind	ASTM D1210	3 Hegman minimum	Viscosity	ASTM D562	80 to 90 KU	Dry Opacity (Contrast Ratio)	Fed. Mtd. 141C	0.95 @ 5.0 mils	Freeze-Thaw Stability	ASTM D2243	5 cycles minimum	Color	Fed. Std. 595b ASTM D2244 <6.0 CIELAB	Red #31136 Blue #35180 Black #37038	Bleeding Ratio	ASTM D969	0.95 minimum	Dry No Pickup	ASTM D711	45 minutes maximum
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<p>Total Solids: 52% minimum by volume 68% minimum by weight</p> <p>Pigment Weight Percent: 48% minimum</p> <p>Non-Volatile Vehicle: 38% minimum</p> <p>Contains no lead or chromium</p>																																		



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SETFAST[®] LATEX TRAFFIC MARKING PAINTS

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RECOMMENDED SYSTEMS	SURFACE PREPARATION										
<p>Cured Asphalt, Concrete, Brick, and other Surfaced Highways:</p> <p>1 ct. Setfast Latex Traffic Marking Paint @ 15 mils wet, 8.3 mils dft, approximately 320 lineal feet of standard 4" stripe per gallon</p>	<p>Surface must be clean, dry, and in sound condition. Remove all oil, dust, grease, dirt, and other foreign material to ensure adequate adhesion.</p> <p>Refer to product Application Bulletin for detailed surface preparation information.</p> <p>Minimum recommended surface preparation:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Concrete:</td> <td>Cured, clean, dry, sound</td> </tr> <tr> <td>Asphalt:</td> <td>Cured, clean, dry, sound</td> </tr> <tr> <td>Brick:</td> <td>Cured, clean, dry, sound</td> </tr> </table>	Concrete:	Cured, clean, dry, sound	Asphalt:	Cured, clean, dry, sound	Brick:	Cured, clean, dry, sound				
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<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>											
DISCLAIMER	WARRANTY										
<p>The systems listed above are representative of the product's use. Other systems may be appropriate.</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.</p>	<p>The Sherwin-Williams Company warrants our products to be free of manufacturing defects in accord with applicable Sherwin-Williams quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by Sherwin-Williams. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY SHERWIN-WILLIAMS, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.</p>										



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APPLICATION BULLETIN

APPLICATION PROCEDURES	PERFORMANCE TIPS										
<p>Surface preparation must be completed as indicated.</p> <p>Mixing Instructions: Mix paint thoroughly by boxing, stirring or power agitation before use.</p> <p>Apply paint at the recommended film thickness and spreading rate as indicated below:</p> <p>Recommended Spreading Rate per coat: Approximately 320 lineal feet of standard 4" stripe per gallon</p> <table border="0"> <tr> <td>Wet mils:</td> <td>15.0</td> </tr> <tr> <td>Dry mils:</td> <td>8.3</td> </tr> <tr> <td>Coverage:</td> <td>110 sq ft/gal approximate</td> </tr> </table> <p>NOTE: Brush or roll application for small areas only. If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p>Drying Schedule @ 15.0 mils wet @ 50% RH: @ 77°F</p> <table border="0"> <tr> <td>To touch:</td> <td>45 minutes</td> </tr> <tr> <td>No traffic pickup after</td> <td>45 minutes</td> </tr> </table> <p>Drying time is temperature, humidity, and film thickness dependent.</p> <p>Application of coating above maximum or below minimum recommended spreading rate may adversely affect coating performance.</p>	Wet mils:	15.0	Dry mils:	8.3	Coverage:	110 sq ft/gal approximate	To touch:	45 minutes	No traffic pickup after	45 minutes	<p>Spreading rates are calculated on volume solids and do not include an application loss factor due to surface profile, roughness or porosity of the surface, skill and technique of the applicator, method of application, various surface irregularities, material lost during mixing, spillage, overthinning, climatic conditions, and excessive film build.</p> <p>Excessive reduction of material can affect film build, appearance, and adhesion.</p> <p>In order to avoid blockage of spray equipment, clean equipment before use or before periods of extended downtime with water.</p> <p>Asphalt surfaces generally require aging prior to painting.</p> <p>If the asphalt is insufficiently cured, applying a thin coat (approximately 1/2 the recommended dft) generally reduces the extent of lifting and cracking.</p> <p>Check adhesion by applying a test strip to determine the readiness for painting.</p> <p>The coating may be made into reflective paint by dropping on glass beads while the paint is still wet.</p> <p>Painted surfaces can become slippery when wet. Traffic paints are not intended for use as floor paints, and should not be used to paint large areas subject to pedestrian traffic.</p> <p>Do not paint on wet surfaces.</p> <p>Do not paint when the relative humidity is above 85%.</p> <p>Do not paint when the temperature is below 50°F.</p> <p>Cool, damp conditions will prolong the drying time.</p> <p>Refer to Product Information sheet for additional performance characteristics and properties.</p>
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CLEAN UP INSTRUCTIONS	SAFETY PRECAUTIONS										
<p>Clean spills and spatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using mineral spirits.</p>	<p>Refer to the MSDS sheet before use.</p> <p>Published technical data and instructions are subject to change without notice. Contact your Sherwin-Williams representative for additional technical data and instructions.</p>										
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