



5371 WHITE ACRYLIC LOW VOC TRAFFIC MARKING PAINT

Low VOC - Brilliant White

Product Description	Recommended Uses
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5371 WHITE ACRYLIC TRAFFIC MARKING PAINT is an **acetone** based, heavy duty marking paint formulated for excellent film build and better resistance to traffic wear and weather. *RAE's line of Low VOC Acrylic Marking Paints are designed for use over freshly applied asphalt sealcoat.*

- Meets Federal Specification **A-A-2886(B) Type II**
- Formulated for Brush, Spray, or Roller
- Ready to Spray - No Reduction Needed

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.

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.

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.

Performance Characteristics

MEETS FEDERAL SPECIFICATION A-A-2886(B) TYPE II

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

Note: These results in Performance & 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.

Product Characteristics

Vehicle Type: Acrylic

Viscosity: 78 to 82 Ku

Weight Solids: 68.00% minimum

Volume Solids: 43.00% minimum

Density (Weight per Gallon): 13.55 ± 0.20 lbs/gal

VOC: 53 g/L

VOC (minus exempts): 89 g/L

Dry time: No-Pick-Up: <10 minutes
Dry Through: <15 minutes

(Note: Applied film thickness, relative humidity and temperature will affect dry time)

Shelf Life: 12 months if unopened and stored in a cool area.

This product does not contain mercury, lead, hexavalent chromium, toluene, chlorinated solvents, hydrolysable chlorine derivatives, or carcinogens as defined in 29 CFR 1910.1200.

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CAUTION: DANGER! EXTREMELY 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**

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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 ft²/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>	<th data-bbox="815 827 1531 875">Application Conditions</th>	Application Conditions
Drying Times	<th data-bbox="815 1047 1531 1096">Application Equipment</th>	Application Equipment
<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>Spray Equipment: Always purge spray equipment of cleaning solvent before using this product. Recommended cleaning solvent: Toluene or Acetone</p> <p>Airless Sprayers: 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><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>Brush: Use Nylon/Polyester Natural Bristle</p> <p>Roller: Use 3/8" Shed-resistant cover with phenolic core</p>	
Safety Precautions	<p>The following supersedes any provision contained in the forms, letters and papers of your company. This product is designed and intended for professional application only. All products should be thoroughly tested under application conditions prior to use. The information contained herein is believed to be reliable. HOWEVER, RAE PRODUCTS & CHEMICALS CORPORATION MAKES NO WARRANTY CONCERNING THIS PRODUCT, WHETHER EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL RAE PRODUCTS & CHEMICALS CORP. BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR ANY OTHER DAMAGES FROM ALLEGED NEGLIGENCE, BREACH OF WARRANTY, STRICT LIABILITY, OR ANY OTHER LEGAL THEORY, ARISING OUT OF THE USE OR HANDLING OF THIS PRODUCT. THE SOLE REMEDY OF THE BUYER AND THE SOLE LIABILITY OF RAE PRODUCTS & CHEMICALS CORP. FOR ANY CLAIMS SHALL BE LIMITED TO THE BUYER'S PURCHASE PRICE OF THE PRODUCT WHICH IS THE SUBJECT OF THE CLAIM OR THE AMOUNT ACTUALLY PAID FOR SUCH PRODUCT, WHICHEVER IS LESS. TECHNICAL ADVICE FURNISHED BY RAE PRODUCTS & CHEMICALS CORP. SHALL NOT CONSTITUTE AN EXPRESS WARRANTY, WHICH IS EXPRESSLY DISCLAIMED. ALL TECHNICAL ADVICE GIVEN IS ACCEPTED AT THE RISK OF THE BUYER.</p> <p>CAUTION: DANGER! EXTREMELY 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</p>	



PAINT 3 UN1263 PGII	
HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	<input checked="" type="checkbox"/>