8512 BLACK FAST DRY LATEX TRAFFIC MARKING PAINT

Blackout / Blockout

Product Description

8512 FAST DRY BLACK LATEX TRAFFIC MARKING PAINT is 100% latex acrylic (waterborne), designed for fast drying and quick turn around time. This is the best product to use for blackout, blockout, or alongside line marking.

- Meets Federal Specification TT-P-1952E type II
- Formulated for Brush, Spray, or Roller
- Fastest Dry Time for Quick Turn Around.

Recommended Uses

This product has been designed for painting centerlines, edgelines, curbs, and auxiliary markings of highways, runways, running tracks, medians, parking lots, traffic aisles, etc.

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. It is not recommended for restriping of previously striped lines. Available in Yellow, White, Blue, Red, and Black.

Performance Characteristics

Meets TT-P-1952E type II Federal Specification

<table>
<thead>
<tr>
<th>Test Description</th>
<th>Test Method</th>
<th>Requirements</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color (black)</td>
<td>Fed. Std. 595 #37038</td>
<td>6 CIE Lab</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>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>1.00 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>

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.

Vehicle Type: Acrylic Latex Polymer

Viscosity: 80 to 90 Ku

Weight Solids: 58.00% minimum

Volume Solids: 60.00% to 62.00%

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

VOC (minus exempts): 101 g/L

VOC (with exempts): 69 g/L

Dry time: No-Pick-Up: 5 – 10 minutes

Dry Through: 10 – 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.

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

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### Preparation

The surface to be painted must be dry, free of grease and oil and brushed free of loose dirt. Stripping paints will not adhere to unclean surfaces. Application equipment must be clean from all products to waterborne paints.

### Thinning

Thinning is normally not required, but a small amount of water may be added if needed. **Add water sparingly!** Diluting with water can reduce paint viscosity rapidly. DO NOT add gasoline, oil or any other petroleum-based products to waterborne paints.

### Drying Times

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:

- 10 min. (walk on) - 20 min. (drive on)

*Note: changes in weather conditions (ie. temp. dropping after application, cold surface temp.) can delay above cure times drastically.*

### Application

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.

**Application Rates:** Apply at 15 mils wet, 7.5 mils dry

**Coverage:** Approx. 16 gallons will stripe a 4-inch line one mile.

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.

### Application Conditions

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.

### Application Equipment

**Spray Equipment:** 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.

**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)

**Brush:** Use Nylon/Polyester Natural Bristle

**Roller:** Use 3/8” Shed-resistant cover with phenolic core

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**Safety Precautions**

Always refer to the **MSDS** for Handling and Hazard conditions. 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.

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**Health FLAMMABILITY PHYSICAL HAZARD PERSONAL PROTECTION**

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