



3905 BLUE ACRYLIC LATEX TRAFFIC MARKING PAINT

Low VOC - Handicap Blue

Product Description

3905 BLUE LATEX TRAFFIC MARKING PAINT

is 100% latex acrylic (waterborne), designed for excellent durability, build and hiding properties.

- Meets Federal Specification TT-P-1952B
- Formulated for Brush, Spray, or Roller
- Meets federal & state VOC regulations.

Performance Characteristics

Meets TT-P-1952B Federal Specification

Note: This product also meets the Requirements of Fed. Spec TT-P-1952D type I - with the exception of "Dry Time No-Pick-Up"

Test Description	Test Method	Requirements	Results
Color (blue)	Fed. Std. 595 #35180	6 CIE Lab	Pass
Fineness of Grind	ASTM D1210	3 Hegman min.	Pass
Dry Time No-Pick-Up	ASTM D711	75 minutes max.	Pass
Flexibility	ASTM D522	Pass	Pass
Freeze-Thaw Resistance	ASTM D2243	5 cycles	Pass
Accelerated Package Stability	ASTM D1849	<5 Ku change	Pass
Water Resistance	TT-P-1952B	Pass	Pass
Bleeding Ratio	ASTM D969	0.95 min	Pass
Scrub Resistance	ASTM D2486	400 cycles	Pass
Dry Opacity	ASTM D2805	0.95 minimum	Pass
Abrasion Resistance	ASTM D968	65 liters minimum	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.

Recommended Uses

This product has been designed for painting centerlines, handicap spaces, 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.

Product Characteristics

Vehicle Type: Acrylic Latex Polymer

Viscosity: 82 to 85 Ku

Weight Solids: 50.00% minimum

Volume Solids: 36.00% minimum

Density (Weight per Gallon): 11.50 + 0.20 lbs/gal

VOC (minus water): 84 g/L

VOC (with water): 36 g/L

Dry time: No-Pick-Up: 35 - 45 minutes 75 - 85 minutes Dry Through:

(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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REVISION DATE: 02/21/2014



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Preparation

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

Thinning

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

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 12-15 mils. wet, 7.5 mils dry Coverage: Approx. 400 linear ft./gal. with a 4" stripe

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.

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:

20 min. (walk on) - 40 min. (drive on)

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

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.





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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