



Latex Traffic Marking Paint- White and Yellow

DESCRIPTION: Regular dry acrylic latex traffic paint

COLOR(S): White and Yellow

APPLICABLE SPECIFICATIONS: Federal Specification TT-P-1952B

TYPICAL USE: Parking Lots, Airports, Safety Zones

DRY TIME: 30-45 Minutes@ 77°F (Spec. Req. 75 Mins. Max)

COVERAGE: Approximately 320 Linear Feet of 4" Line Applied @15 Mils

GENERAL INFORMATION:

The following information has been provided as a general guideline for the use and disposal of GemSeal traffic marking paints. It is also very beneficial to run a small test in a non-critical area in order to ensure the surface preparation: weather conditions, equipment and product are suitable and working properly.

SURFACE PREPARATION:

Care should be taken to ensure that the surface is clean, dry and free of loose material. A simple leaf blower is typically sufficient to remove gravel and dust in most instances. When applying over previously coated areas, however, take special care to remove any loose or peeling paint. Other surface conditions, such as areas with large amounts of engine oil buildup or existing epoxy coatings, may require a power-washing procedure or abrading the surface before application of the paint. New concrete and asphalt should be aged for a minimum of 30 days prior to painting. Use caution when striping over a freshly sealed surface. Sealers can affect the adhesion and cure of traffic marking paints. For more information on the surface, please consult with the supplier or applicator of the surface.

WEATHER CONDITIONS & APPLICATION:

Air temperature, surface temperature, humidity and the weather conditions following application are extremely important factors in the success of the products. GemSeal formulates these coatings to be applied without further reduction. The can be used in conjunction with the application of glass beads to improve reflectivity without sacrificing other properties. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces

less than 60°F, when the relative humidity is greater than 80% and/or less than 24 hours before any expected precipitation. Evening and night applications should be avoided whenever possible due to cooler temperatures. At lower temperatures or higher humidity, a significant amount of extra time will be needed for the paints to dry.

EQUIPMENT:

Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. When using a water-based product, the equipment must be made with stainless steel or some other material that will not react with the paint and cause application or storage problems. Typical tip sizes for "airless" machines use .019"-.021", while "air-atomized" machines use .086"-0.11" at 60 lbs. pressure. For more information, please consult with the equipment manufacturer.

PAINT SELECTION & SAFETY:

Protect these and all water-based coatings from freezing. use only paint recommended or specified for each application. Shelter the containers when possible and avoid prolonged outside storage. Agitation of the paints by stirring or shaking should be performed in order to ensure uniform consistency, application and performance. When storing partially filled containers, a small amount of water may be added and allowed to stand on top in order to avoid "skinning." Always be sure the containers are sealed tightly during transportation or storing in order to avoid spillage, risk of fire and solvent evaporation. Keep paints away from heat and flame. Consult the MSDS and/or labels for further safety, first aid, and spill or leak procedures.



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PHYSICAL PROPERTIES:

	<u>White</u>	<u>Yellow</u>
Viscosity @ 77°F, Kreb Units:	80-90	80-90
Weight Per Gallon @ 77°F, Lbs.:	11.8± .2	12.0± .2
Pigment, % by Weight:	40-44	40-44
Total Solids, % by Weight:	52.0 Min.	52.0 Min.
Volume Solids, %:	38.0 Min.	38.0 Min.
Dry Opacity, 5-Mil Bird:	0.92 Min.	0.95 Min.
Directional Reflectance, %:	92 Min.	50 Min.
Drying Time @ 77°F, Minutes:	30-45	30-45
V.O.C. (Minus Water)	1.2 Lb./Gal. (140g/Liter)	1.1 Lb./Gal. (140g/Liter)

CLEANUP SOLVENT:

Mixture of water and mild household detergent.

NOTE: These products are not recommended for crosswalks or other “high-traffic” auxiliary markings on public roadways.

WASTE DISPOSAL:

Comply with all regulations regarding handling, storage, and disposal of all hazardous materials and waste. Consult local agencies or disposal companies for individual instructions and requirements. **Improper disposal of paint and their related materials is illegal and may result in large fines.** Please comply with all regulations and minimize waste whenever possible.



Corporate Headquarters:
8201 Arrowridge Blvd. Charlotte, NC 28273

MANUFACTURING & CUSTOMER SERVICE

Atlanta, GA 404-696-7660 404-691-9049 - Fax	Boston, MA 508-791-6366 508-791-6339 - Fax	Dallas, TX 214-333-4343 214-333-4399 - Fax	Greensboro, NC 336-854-8200 336-854-8202 - Fax	Tampa, FL 813-630-1695 813-630-1660 - Fax
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LIMITED 1 YEAR PRODUCT WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. **BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES.**

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