



# Fast Dry Traffic Marking Paint- White and Yellow

**DESCRIPTION:** Fast Dry Acrylic Waterborne Traffic Paint

**COLOR(S):** White & Yellow

**APPLICABLE SPECIFICATIONS:** Federal Specification TT-P-1952E, Type I

**TYPICAL USE:** Roadways, Airports, and Parking Lots

**DRY TIME:** 10 Minutes @ 77°F for 2 minutes when applied @ 140°F

**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 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. Newly sealed or asphalt surfaces should be allowed to cure prior to painting.

## 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. Glass beads can be mixed into the paint to improve reflectivity without sacrificing other properties. If spraying, do not mix beads directly into the paint. Protect fresh lines from traffic until thoroughly dry. These, as well as all water-based coatings, should not be applied to surfaces less than 50°F, when the relative humidity is greater than 80%, and/or less than 24 hours before any expected precipitation. At lower temperatures or higher humidity, a significant amount of extra time will be needed for the paint 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 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 to avoid "skinning." Always be sure the containers are sealed tightly during transportation or storing 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.:	13.06±0.2	13.00±0.2
Pigment, % by Weight:	60-62	60-62
Total Solids, % by Weight:	70.0 Min.	70.0 Min.
pH	9.6±0.4	9.6±0.4
Volume Solids, %:	60.0 Min.	60.0 Min.
Dry Opacity, 5-Mil Bird:	0.92 Min.	0.92 Min.
Directional Reflectance, %:	85 Min.	50 Min.
Drying Time @ 77°F, Minutes:	10 Max.	10 Max.
V.O.C. (Minus Water)	1.25 Gal Max (150g/Liter)	1.25 Gal Max (150g/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.

**MANUFACTURING & CUSTOMER SERVICE:**

**Call (866) 264-8273 to find the nearest GemSeal location to purchase Fast Dry Traffic Marking Paint.**

GemSeal Pavement Products  
Corporate Headquarters:  
3700 Arco Corporate Drive, Suite 425  
Charlotte, NC 28273

GemSeal Pavement Products warrants that for a period of one (1) year from date of purchase this product shall be free from manufacturing defects and shall meet or exceed performance standards listed in the technical data sheet for the product at the time of sale, if used as directed and within the stated shelf life. This Limited Warranty applies only if the product is stored, used, and applied over a properly prepared substrate in strict accordance with applicable specifications and instructions issued by GemSeal Pavement Products. The Limited Warranty will not apply if the product is altered, modified, or misused after it has left the control of GemSeal Pavement Products. GemSeal Pavement Products will not be responsible for defects caused by factors beyond its control, including but not limited to workmanship, application equipment, weather, acts of God, structural failure, condition or movement of substrate, improper additives, poor drainage, ponded water, improper maintenance, damage from snow removal equipment, and normal wear and tear. GemSeal Pavement Products does not warrant that the product or any method of use or application would be suitable for any particular site conditions.

All warranty claims must be submitted in writing, with proof of purchase, to the following address: 3700 Arco Corporate Drive, Suite 425, Charlotte, NC 28273. Unused portions of product must be returned upon request. Replacement of defective product or, at GemSeal Pavement Products’ option, refund of the purchase price of defective product shall be the buyer’s sole remedy under this Limited Warranty. In no event shall GemSeal Pavement Products be liable for any damages in excess of the purchase price of the defective product. This Limited Warranty does not cover labor costs for product application, replacement, or repair. GEMSEAL PAVEMENT PRODUCTS SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOST SALES OR PROFITS, BUSINESS INTERRUPTION, DELAYS, PHYSICAL DAMAGE TO OTHER MATERIALS OR PROPERTY, OR LOSS OF USE OF PROPERTY.

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