



## **PRODUCT DATA SHEET**

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DESCRIPTION	HIGH BUILD WATERBORNE TRAFFIC PAINT
PRODUCT NUMBER	52DW-40-M-1 & 52DY-40-M-1
SPECIFICATIONS	MEETS TT-P-1952D TYPE II
COVERAGE	Approximately 180 lin. feet of 4 inch line when applied at 24-28 mils.
DRY TIME:	NO PICKUP, 1-2 min at 30 mils; DRY THROUGH 30 min. MAX

### **GENERAL INFORMATION**

The following information is being provided as a general guideline for the use and disposal of traffic marking paints as manufactured by Ennis Paint Inc. The end user should be aware of weather conditions, surface preparations and condition of equipment prior to application of any type traffic paint. This is the most durable and reflective waterborne system available today. It utilizes the newest 3<sup>rd</sup> generation acrylic emulsions, designed for application at a rate of up to 30 mils wet. This thicker application rates enable the use of larger beads which normally improve the retroreflectivity, enhances the no track time to virtually the same of a regular 15 mil wet line, and provides superior durability over standard 15 mil lines.

### **EQUIPMENT**

These paints, when applied in the 20-30 mils wet range, are designed to hold large glass beads, size of 0.8-1.3 mm, dual coated, applied at a rate of 8-12 lbs/gallon. Proper embedment is critical to this systems performance and should never be less than 50 %. Either air atomized or airless spray equipment can be used. Tip selection, pressure, paint viscosity and paint temperature are critical to the application of the paint and achieving enhanced durability and retroreflectivity. Proper consideration of these areas should insure a consistent and excellent appearance of the applied paint.

### **SURFACE PREPARATION**

Surface should be clean and free of loose material, as dust and dirt particles will effect the bonding of the paint to the surface. All surfaces should be dry and free of any moisture. When applying over existing lines or markings care should be taken to remove all loose or peeling paint. EXTRA CARE SHOULD BE EXERCISED WHEN SURFACE CONDITIONS HAVE

LARGE AMOUNTS OF MOTOR OIL OR EXISTING EPOXY COATINGS. New asphalt and concrete should be allowed to cure for a minimum of 30 days before the application of paint. Any curing compounds used on new concrete must be mechanically abraded off prior to striping. When striping on freshly sealed surfaces use caution as some sealers can effect the curing and adhesion of traffic paint.

**WEATHER CONDITIONS**

Surface temperature, air temperature and humidity during and after application are determining factors in the successful application and longevity of traffic marking paint. Waterborne traffic marking paints should not be applied at temperatures below 50 F or within 8 hours of any anticipated precipitation. Any application during periods of high humidity or low temperatures will greatly increase the amount of drying time required for the traffic marking paint.

**TYPICAL PROPERTIES**

Viscosity KU – 85-95  
Percent Solids – 77.5 % Minimum  
Percent Pigment – 60.0 % minimum  
Density, Lbs/gallon – 13.5 minimum  
Volatile Organic Content – Less than 100 g/l

**PAINT STORAGE**

All waterborne paints should be protected from freezing. Whenever possible, store material inside. Avoid prolonged outside storage of all waterborne paints. Paint should be thoroughly mixed before using by mechanical agitator. When storing partially used containers a small amount of water should be added to the paint and allowed to stand on top to prevent “skinning.” Containers should be tightly sealed during storage and/or transportation.

**WASTE DISPOSAL**

IMPROPER DISPOSAL OF PAINT AND ITS RELATED MATERIALS IS ILLEGAL AND MAY RESULT IN LARGE FINES AND/OR IMPRISONMENT. User must comply with all state, federal and local regulations when handling, storing and/or disposing of any hazardous materials.

CLEAN UP: Warm water and mild household detergent soap.

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