



## Product Data Sheet

### PRODUCT DESCRIPTION

Diamond Vogel's TM-Series is a Low VOC Acrylic, fast dry, solvent reducible striping paint. TM-1740 and TM-3783 meet Iowa and Minnesota specifications.

### TYPICAL USES

The TM-Series Marking Paint is recommended for marking and striping streets, highways or other traffic surfaces including driveways, parking lots, sidewalks, curbs or airport runways. It may be applied to either concrete or asphalt surfaces by a variety of methods.

### COLORS AVAILABLE

TM-1740 White  
TM-3783 Yellow

### PHYSICAL PROPERTIES (TM-1740)

Resin Type	Acrylic
Clean-up Solvent	Toluol or Acetone
Finish	Flat
Solids by Weight	71 %
Solids by Volume	49 %

Recommended Dry Film Thickness per Coat	7.8 mils
---	----------

Wet Film to Achieve DFT	16 mils
-------------------------	---------

Theoretical Coverage @ 1 mil	785 ft <sup>2</sup> /gallon
------------------------------	-----------------------------

Practical Coverage at Recommended DFT <sup>1</sup>	100 ft <sup>2</sup> /gallon
4" Line @ 16 mils WFT	300 ft/gallon

Dry Times <sup>2</sup> @ 70° F (21° C) and 50% R.H.	Tack Free 5 – 10 min.
---	-----------------------

VOC's	124 grams/liter
-------	-----------------

1 Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

2 Dry times may vary depending upon temperature, humidity and degree of air movement.

### SPECIFICATIONS

**Concrete**  
Self Priming

**Asphalt**  
Self Priming

**Cinders**  
Self Priming

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

**SURFACE PREPARATION**

The surface to be coated must be free of any contaminant that will prevent the paint from adhering to the surface. Oil, grease, loose paint chips, gravel, salt films and curing membranes may all interfere with the adhesion of the coating. The surface should be swept clean of all loose contaminants. Visible stains of oils or dirt should be washed from the surface prior to coating. Slick or glossy surfaces, such as hard steel troweled concrete should be abraded to provide surface profile for the coating to adhere to.

**APPLICATION**

- Stir material prior to application.
- Equipment must be clean prior to start. Flush airless lines with Toluol or Acetone.
- Apply with conventional or airless spray equipment.
- Small areas may be brushed or rolled.
- Material may be thinned with Acetone to a maximum of 1 pint per gallon as required for application, although this may slow dry time.
- Apply 1 coat 16 mils wet film thickness.
- Allow to dry 5 minutes before allowing traffic to drive over this coating.
- This coating has been successfully applied through a heated system up to temperatures of 140° F. Heating the coating will decrease the dry time.

**ENVIRONMENTAL VARIABLES**

Apply when air and surface temperatures are above 32° F. The coating should not be applied to a slightly damp surface. Puddle water should not be present when applying the coating. Lower surface and air temperatures will slow the speed of dry. Surface temperatures below 70° F and/or relative humidity greater than 80% may require longer curing times prior to bearing traffic.

**CLEAN-UP**

Clean up spills immediately with Toluol. Clean hands and tools immediately after use with Toluol. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

**CAUTIONS**

Do not apply below 32° F.

Do not take internally

Use with adequate ventilation

**KEEP OUT OF REACH OF CHILDREN**

**\*WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the national Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**Limited Warranty**

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.