Diamond Vogel | TRAFFIC COATINGS

PRODUCT DATA SHEET

PRODUCT

State of Minnesota Specification Waterborne Traffic Marking Paint

DESCRIPTION

A high solids, fast drying striping paint suitable for application by airless or air atomized equipment. It meets or exceeds the Minnesota specification for traffic marking paint and is recommended for marking and striping streets and highways, as well as driveways, parking lots, sidewalks, curbs, or airport runways. It may be applied to either concrete or asphalt surfaces.

COLORS

White	UC-1515
Yellow	UC-3590

SURFACE PREPARATION

The surface must be free of contaminants that could prevent proper adhesion. 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. The presence of concrete sealers may interfere with adhesion and must be removed by abrasive blasting or equivalent.

APPLICATION

Stir material prior to application. Ensure equipment is clean before starting. Flush airless lines with water or N-7025. Apply with conventional or airless spray equipment. Small areas may be brushed or rolled. Apply 1 coat at a wet film thickness of 15 mils. 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 140ºF. Heating the coating will decrease dry time if surface temperatures, relative humidity, and air movement remain within the requirements for proper application. DO NOT THIN.

ENVIRONMENTAL VARIABLES

Apply when air and surface temperatures are above 50ºF. Lower surface and air temperatures will slow drying time. Surface temperatures below 70ºF and/or relative humidity greater than 80% may require longer curing times prior to bearing traffic.

CLEAN-UP

Clean up spills immediately with soap and warm water or N-7025 thinner. Clean tools immediately after use with soap and warm water or N-7025 thinner. After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment.

CAUTIONS

Do not freeze. Do not apply below 50ºF. Do not take internally. Use with adequate ventilation. KEEP OUT OF THE 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.

PHYSICAL PROPERTIES

Resin Type	Acrylic
Clean-Up Solvent	Water
Finish	Flat
Solids by Weight	78%
Solids by Volume	62%
VOCs	<100 g/L
Wet Film to Achieve DFT	15 mils
Practical Coverage at Recommended DFT	107 sq.ft./gallon
4" Lines at 15 mils WFT	320 ft./gallon
Dry Time at 70º F (21ºC) and 50% Relative Humidity - Tack Free	<5 minutes

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Diamond Vogel | Traffic Coatings
1020 Albany Place SE • Orange City, IA 51041
Phone: (800) 72-VOGEL
traffic@diamondvogel.com
diamondvogel.com/traffic

Limited Warranty
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