



TRAFFIC COATINGS

PRODUCT DATA SHEET

PRODUCT

State of South Dakota High Build 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 South Dakota specification for high build 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	UC15-14733
Yellow	UC35-14732

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.

APPLICATION

Stir material prior to application. Equipment must be clean prior to start. 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 for standard application or 25 mils for high build application. Allow to dry 5 minutes for standard application or 10 minutes for high build application 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, 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 50° F. 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 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 50° F. 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	74%
Solids by Volume	60%
VOCs	<150 g/L
<u>Standard Application</u>	
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 70° F (21°C) and 50% Relative Humidity - Tack Free	<5 minutes
<u>High Build Application</u>	
Wet Film to Achieve DFT	25 mils
Practical Coverage at Recommended DFT	62 sq.ft./gallon
4" Lines at 25 mils WFT	192 ft./gallon
Dry Time at 70° F (21°C) and 50% Relative Humidity - Tack free	<10 minutes

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Limited Warranty

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