



Product Data Sheet

PRODUCT DESCRIPTION

Diamond Vogel's Super Line Waterborne Traffic Marking Paint is a lead free, fast drying, high hiding, water reducible striping paint.

TYPICAL USES

Super Line Marking Paint is recommended for marking and striping streets, highways or other traffic surfaces including driveways, parking lots, sidewalks, curbs, playgrounds, tennis courts or airport runways. It may be applied to either concrete or cured asphalt surfaces by a variety of methods. Formulated specifically for walk behind striping machines.

COLORS AVAILABLE

UC-1570 White
UC-3570 Yellow

PHYSICAL PROPERTIES (UC-1570)

Resin Type	Acrylic
Clean-up Solvent	Water
Finish	Flat
Solids by Weight	74 %
Solids by Volume	56 %
Recommended Dry Film Thickness per Coat	9.0 mils
Wet Film to Achieve DFT	16 mils
Theoretical Coverage @ 1 mil	898 ft ² /gallon
Practical Coverage at Recommended DFT ¹ 4" Line @ 16 mils WFT	100 ft ² /gallon 300 ft/gallon
<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Tack Free less than 10 to 15 minutes
VOC's	85 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.

PERFORMANCE CHARACTERISTICS

Test	Method	TT-P-1952-B Requirements	Results
Flexibility	TT-P-1952B	Pass	Pass
Water Resistance	TT-P-1952B	Pass	Pass
Heat Stability	TT-P-1952B	Pass	Pass
Freeze/Thaw	TT-P-1952B	5 Cycles	5 Cycles
Viscosity	ASTM D562	70-90KU	80KU
Dry-No Pickup	ASTM D711	Less than 75 minutes	10 - 15 min.
Scrub Resistance	ASTM D2486	400 cycles	600 cycles
Bleed Ratio	ASTM D969	0.95 min	0.96 min
Color (Yellow)	CIE La*b*	Fed Std 595 #33538	Pass

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.

New asphalt surfaces should be allowed to age several months before striping. Shrinkage of the paint film during the drying and curing process can cause new asphalt to lift or crack. Exceeding the recommended film thickness will increase the tendency to cause asphalt lifting.

APPLICATION

- Stir material prior to application.
- Equipment must be clean prior to start. Flush airless lines with water.
- Apply with conventional or airless spray equipment.
- Small areas may be brushed or rolled.
- Material may be thinned with N-7025 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.
- If the asphalt is insufficiently cured, applying a thinner film will lessen the extent of lifting and cracking.
- Allow to dry 10 minutes before allowing traffic to drive over this coating.
- This coating has been successfully applied through a heated system up to temperatures of 110° F. Heating the coating will decrease the dry time.

ENVIRONMENTAL VARIABLES

Apply when air and surface temperatures are above 50° F. The coating may 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. Do not apply when the air and surface temperature fall below the dewpoint.

CLEAN-UP

Clean up spills immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. 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 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.

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.