

ACRYLIC LOW VOC YELLOW TRAFFIC MARKING PAINT

SMT-237

REVISED 10/23/18

PRODUCT DESCRIPTION & BENEFITS

SealMaster® Acrylic Low VOC Traffic Paint is a user friendly, fast drying, low VOC acrylic/acetone based traffic paint.

BASIC USES

SealMaster® Acrylic Low VOC Traffic Paint may be used to stripe roadways, airports and parking lots with or without pressure applied glass beads. It offers all of the benefits of a low VOC acrylic/acetone based paint, and quickly dries to a no track condition.

SIZES

5-gallon pail

COLOR

Yellow

LIMITATIONS

SealMaster® Acrylic Low VOC Traffic Paint shall not be applied when temperature is expected to drop below 40°F at any time within a 24 hour period after application.

TECHNICAL DATA

SealMaster® Acrylic Low VOC Traffic Paint meets A-A-2886 (B) Type II, WA DOT Specification 9-34.2(4) for Low VOC acrylic/acetone based Traffic Paint.

PHYSICAL/CHEMICAL PROPERTIES:

CHEMICAL & PHYSICAL ANALYSIS	
Weight per Gallon @ 77°F	11.90 lbs/gal +/- 0.2
Volatile Organic Content (VOC)	100 g/l Max.
Viscosity (KU) @ 77°F	70-80
Reflectance	55% Min.
Total Solids % by Weight	70% Min.
Pigment % by Weight	57.0% +/- 2.0
Total Solids % by Volume	43% Min.
Dry Time to no Pick-Up (minutes)	10 max.
Code	22Y-D014
Bleed Ratio, Asphalt	.90 min.
Contrast Ratio, 5 mil dft	0.95 min.

INSTALLATION

Asphalt and concrete pavement surfaces shall be clean and free from all loose materials and dirt. New asphalt surfaces should cure sufficiently to be free of light oils on the surface (4 weeks). Allow freshly applied pavement sealer to cure for at least 24 hours prior to applying traffic paint.

METHODS

Apply SealMaster® Acrylic Low VOC Traffic Paint with spray equipment, brush, or roller to properly cleaned and prepared surface. Tip size, fluid pressure, atomizing air pressure, paint viscosity and paint temperature are all critical to the appearance, consistency and performance of the paint. The equipment must be matched to the paint being applied in order to achieve the proper film thickness and coverage. These V.O.C.-compliant coatings contain extremely volatile solvents and should not be applied with paint temperatures above 120°F at the gun tip. Typical tip sizes for “airless” machines are .019”-.021” while “air-atomized” machines use .086”-.11” at 60 lbs. pressure.

MIXING PROCEDURES

Stir well before using. Use as is. Do not dilute.

APPLICATION

Apply SealMaster® Acrylic Low VOC Traffic Paint at a rate of at least 12 mils wet thickness (400 feet of 4-inch line). Apply to properly cleaned pavement with pressurized spray equipment, brush, or roller.

ESTIMATING MATERIAL REQUIREMENTS

One gallon of SealMaster® Acrylic Low VOC Traffic Paint will provide 320 feet of 4-inch line at 15 mils wet thickness; 400 feet of 4-inch line at 12 mils wet thickness.

NOTE - Coverage rates will vary due to pavement porosity and application thickness.

PRECAUTIONS

Both surface and ambient temperature shall be a minimum of 40° F. Temperature shall not drop below 40°F within a 24 hour period following application.

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Keep out of reach of children. Do not store unopened containers in freezing temperatures.

PACKAGING AND AVAILABILITY

SealMaster® Acrylic Low VOC Traffic Paint is available in 5-gallon pails. SealMaster® Acrylic Low VOC Traffic Paint is supported by a national network of SealMaster manufacturing facilities along with a national network of qualified applicators.

WARRANTY AND DISCLAIMER

The statements made on this technical data sheet are believed to be true and accurate and are intended to provide a guide for approved application practices. As workmanship, weather, construction, condition of pavement, tools utilized, and other variables affecting results are all beyond our control, the manufacturer warrants only that the material conforms to product specifications and any liability to the buyer or user of this product is limited to the replacement value of the product only. The manufacturer expressly disclaims any implied warranties of merchantability or fitness for a particular purpose.

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