SealMaster®
Pavement Products & Equipment

SealMaster Velocity Traffic Paint

SMT- 246

Revised: 02/16

1. PRODUCT NAME

SealMaster Velocity
Traffic Paint

2. MANUFACTURER

ThorWorks Industries, Inc.
2520 S. Campbell St.
Sandusky, OH 44870
Phone: 800-326-1994
Fax: 419-626-5477
www.thorworks.com

Additional Plant Locations: SealMaster has a nationwide network of manufacturing and distribution facilities.

Phone 1-800-395-7325 or visit website at www.sealmaster.net to find the location near you.

3. PRODUCT DESCRIPTION & BENEFITS

SealMaster Velocity Traffic Paint is a premium quality, lead-free, 100% acrylic emulsion designed for striping asphalt and concrete pavement surfaces. Features and benefits include:

- Excellent Durability - Superior wear properties over asphalt and concrete surfaces.
- Fast Dry - Fast dry-to-no-pickup time.
- Enhanced Retention of Glass Beads - Excellent long-term night visibility.
- Environmentally Friendly - Low VOC (less than 100 grams per liter volatile organic content).
- User Friendly - Non-flammable, water clean-up, reduced disposal costs, increased worker safety.
- Meets TT-P-1952 E Type I.

Basic Uses: Asphalt or concrete highways, roads, streets, parking lots, and more.

Composition: SealMaster Traffic Paint is a water based material comprised of 100% acrylic emulsion resins, specialty pigments, additives, surfactants, mineral fillers, and water.

Sizes: 55-gallon drums, and 5-gallon pails.

Color: White, Yellow.

Limitations: SealMaster Velocity Traffic Paint shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

4. TECHNICAL DATA

SealMaster Velocity Traffic Paint meets and exceeds the chemical composition and performance requirements of Federal Specification TT-P-1952 E Type I.

Environmental Considerations: SealMaster Velocity Traffic Paint is an environmentally friendly 100% acrylic waterborne traffic paint containing less than 100 grams per liter volatile organic content (VOC).

Physical/Chemical Properties: SealMaster Velocity Traffic Paint meets or exceeds the following specifications when tested in accordance with ASTM D562, ASTM D711, ASTM D713, ASTM D969, ASTM D1210, ASTM D1475, ASTM D1640, ASTM D2243, ASTM D3960, ASTM D2486, ASTM D2805, ASTM E70, and ASTM E1347. (see chart below)

5. 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 Velocity Traffic Paint with spray equipment (with stainless steel components) roller, or brush. Recommended spray tip size is .019" to .023".

Mixing Procedures: Stir well before using. Use as is. Do not dilute.

Application: Apply Velocity Traffic Paint at a rate of at least 15 mils wet thickness (325 feet of 4-inch line). Apply to properly cleaned pavement with pressurized spray equipment, brush, or roller.

Estimating Material Requirements: One gallon of SealMaster Velocity Traffic Paint will provide 325 feet of 4-inch line at 15 mils wet thickness. ***NOTE -*** Coverage rates will vary due to pavement porosity and application thickness.

Precautions: Both surface and ambient temperature shall be a

Chemical & Physical Analysis

	White	Yellow
Weight Per Gallon	13.4 lbs/gal.	13 lbs/gal.
Volatile Organic Content (VOC)	<100 g/l	<100 g/l
Viscosity (KU)	70 - 110	70 - 110
Dry To No Pick-Up Time	<10 min.	<10 min.
Scrub Resistance	1,000 cycles min.	1,000 cycles min.
Freeze Thaw Cycles	5 cycles min.	5 cycles min.
Degree of Bleeding	.98 min.	.98 min.
Fineness of Dispersion (Hegman)	3 - 4	3 - 4
Contrast Ratio @ 5 mils wet	0.92 min.	0.89 min.
Directional Reflectance	86%	50%
Dry Opacity	0.92 min.	0.92 min.
Total Solids By Weight %	70.0 min.	70.0 min.
Total Solids By Volume %	60.0 min.	60.0 min.
Pigment Volume Content %	60-62	60-62
Pigment Solids % (by weight)	61.10	62
Dry Through @ 90% Relative Humidity	2 hrs.	2 hrs.

SealMaster Velocity Traffic Paint

minimum of 50°F. Temperature shall not drop below 50°F within a 24 hour period following application. Keep Out Of Reach Of Children. Do not store unopened containers in freezing temperatures.

6. AVAILABILITY & COST

Availability: SealMaster Velocity Traffic Paints are supported by a nationwide network of SealMaster manufacturing facilities along with a national network of professional applicators.

Cost: Cost information can be obtained from a local applicator. Contact SealMaster for the representative in your area.

7. WARRANTY

SealMaster warrants that SealMaster Velocity Traffic Paint meets the chemical composition and performance requirements set forth in section 4. Liability to the buyer or user of this product is limited to the replacement value of the product only.

8. TECHNICAL SERVICES

Manufacturer: Complete product specifications, material safety data sheets, and technical assistance is available from SealMaster.

Professional Applicators: Your local applicator is available to provide on-site inspections and recommendations to meet your specific needs.

9. FILING SYSTEMS

- SealMaster Online Specifications at www.sealmaster.net
- Complete SealMaster Product and Equipment Catalog Available
- Sweet's Catalog
- Sweet's CD
- Sweet's Online
- Sweet's Directory

The statements made on this specification 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. Warranty is void on multi-coat applications if material made by other manufacturers is used with this product.

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