

**1. PRODUCT NAME**

SealMaster Fast-Dry HD  
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 Fast-Dry HD is a 100% acrylic waterborne traffic paint designed for exceptional high durable traffic markings. Fast-Dry HD's unique crosslinking technology provides durability normally associated with hot melt thermoplastics and epoxies. SealMaster Fast-Dry HD traffic paint is ideal for situations where existing waterborne paint equipment is available, and where the additional benefits of rapid drying and excellent glass bead retention is critical. The ease of clean-up, enhanced worker safety, and reduced disposal costs are inherent features of Fast-Dry HD Traffic Paint that can translate into additional value and convenience for pavement marking applicators. Features include:

- Unique crosslinking chemistry
- Can use existing spray equipment (with stainless steel components)
- Safety, no heating required as with hot melt thermoplastics.
- Single component system, no need to blend as with epoxy systems.
- Can be used over cement or asphalt surfaces.
- Meets and exceeds TT-P-1952 E Type III

**Basic Uses:** Highways, roads, streets, intersections, legends and cross walks. Also ideal for highly durable

parking lot markings.

**Composition:** 100% acrylic emulsion cross-linking resins, specialty pigments, surfactants, and fillers.

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

**Color:** White, Yellow.

**Limitations:** SealMaster Fast-Dry HD 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 Fast-Dry HD Traffic Paint meets and exceeds the chemical composition and performance requirements of Federal Specification TT-P-1952E Type III.

**Environmental Considerations:** SealMaster Fast-Dry HD Traffic Paint is an environmentally friendly 100% acrylic emulsion traffic paint containing less than 150 grams per liter volatile organic content (VOC).

**Physical/Chemical Properties:** SealMaster Fast-Dry HD 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 SealMaster Fast-Dry HD Traffic Paint with spray equipment (with stainless steel components) roller, or brush.

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

**Application:** Apply Fast-Dry HD at a rate of at least 20 mils wet thickness (271 feet of 4-inch line). Apply to properly cleaned pavement with pressurized spray equipment (with stainless steel components), brush, or roller. Fast-Dry HD may be applied at 30 mils thickness for added durability on

**Chemical & Physical Analysis**

	White	Yellow
Weight Per Gallon.....	14.1 lbs/gal.	13.5 lbs./gal.
Volatile Organic Content (VOC) .....	<150 g/l	<150 g/l
Viscosity (KU)	80 - 90	80 - 90
Dry To No Pick-Up Time.....	<6 min.	<6 min.
Scrub Resistance.....	1,500 cycles min.	1,500 cycles min.
Water Resistance, cycles .....	8 min.	8 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.....	0.965 min.	0.965 min.
Total Solids By Weight %.....	77.5	76.5
Total Solids By Volume %.....	61.0	61
Pigment Volume Content % .....	60.0	60.0
Pigment Solids % (by weight).....	61.10	62
Non Volatile Vehicle % (by weight).....	42.0	42.0
P.H. of Paint.....	10.0 min	10.0 min

# SealMaster Fast-Dry HD Traffic Paint

intersections, legends, and cross walks.

*Estimating Material Requirements:* One gallon of Fast-Dry HD Traffic Paint will provide 271 feet of 4-inch line at 20 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 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 Fast-Dry HD Traffic Paint is 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 Fast-Dry HD 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](http://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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Pavement Products & Equipment