



# SEALMASTER LV CONCENTRATE Pavement Sealer

**SMT-120**

REVISED 9/03/13

**PRODUCT DESCRIPTION**

SealMaster LV Concentrate pavement sealer is a asphalt based emulsion fortified with coal tar for added fuel resistance. LV Concentrate is formulated to be job-mixed with water and aggregate.

**USES**

SealMaster LV Concentrate is designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, shopping malls, roadways, and more.

**COMPOSITION**

SealMaster LV Concentrate is a asphalt and coal tar emulsion blend pavement sealer fortified with special surfactants to promote superior adhesion. Select aggregate is job-mixed to produce a slip-resistant coating.

**SIZES**

SealMaster LV Concentrate is available in 4,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

**COLOR**

SealMaster LV Concentrate dries to a deep, rich black color.

**LIMITATIONS**

SealMaster LV Concentrate shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period after application.

**TECHNICAL DATA**

SealMaster LV Concentrate meets the performance standards of ASTM D-2939.

**ENVIRONMENTAL CONSIDERATIONS**

SealMaster LV Concentrate does not contain asbestos. SealMaster LV Concentrate is an environmentally friendly water based pavement sealer containing less than 15 grams per liter volatile organic content (VOC).

**PHYSICAL/CHEMICAL PROPERTIES**

SealMaster LV Concentrate is a premium quality pavement sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM B117, ASTM D 529, ASTM D 2939, and ASTM D244 procedures. (see chart below).

Chemical & Physical Analysis		
Non Volatiles %	47% Minimum	PASSES
Ash Non Volatiles %	30-60	PASSES
Specific Gravity 25°C	1.18 Minimum	PASSES
D2939-15	Resistance to water- No softening, delamination or re-emulsification	PASSES
D2939-16	Flexibility No Cracking or Delamination	PASSES
D2939-26	Resistance to Impact- No Chipping, Cracking or Delamination	PASSES
D2939-27	Resistance to Impact After Accelerated Weathering	PASSES

**INSTALLATION**

Surface must be clean and free from all loose material and dirt. Pavement surface repairs should be made with a suitable hot or cold asphalt mix. Cracks should be filled with SealMaster hot pour or cold applied crack fillers. Treat all grease, oil, and gasoline spots or stains with SealMaster Petro Seal™ or Prep Seal™.

**METHODS**

SealMaster LV Concentrate shall be applied by either pressurized spray application equipment or self-propelled squeegee equipment. Pressurized spray equipment shall be capable of spraying pavement sealer with sand added. Equipment shall have continuous agitation or mixing capabilities to maintain homogeneous consistency of pavement sealer mixture throughout the application process. Self-propelled squeegee equipment shall have at least 2 squeegee or brush devices (one behind the other) to assure adequate distribution and penetration of sealer into bituminous pavement. Hand squeegees and brushes shall be acceptable in areas where practicality prohibits the use of mechanized equipment.

**MIXING PROCEDURES**

For optimum results, SealMaster LV Concentrate Pavement Sealer shall be mixed in accordance with the following mix design (based on 100 gallons for ease of calculation):

- SealMaster LV Concentrate . . . . . 100 gallons
- Water . . . . . 20-25 gals.
- TopTuff Polymer Additive . . . . . 1-2 gals.
- Sand (40-70 mesh AFS rating) . . . . . 400 lbs.

**IMPORTANT**

The above mix design is a typical recommendation. Alternative mix designs may be substituted to account for local pavement conditions and use of other pavement sealer additives. However, in all cases sand shall be used in the mix design.

Test	Specifications	Result
Material	Material shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring	PASSES

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NOTE: Top Tuff is manufactured by ThorWorks and is available from your regional SealMaster location.

**APPLICATION**

For optimum performance apply two coats of properly mixed SealMaster LV. A third coat of mixed SealMaster LV may be applied to high traffic areas such as entrances, exits, and drive lanes.

**APPLICATION RATE OF MIXED SEALMASTER LV**

Apply properly mixed SealMaster LV (LV Concentrate, Water, Sand, Additive) at a rate of .11 to .13 gallon per square yard (70-82 square feet per gallon) per coat.

**ESTIMATING MATERIAL REQUIREMENTS**

To estimate gallons of SealMaster LV Concentrate required to cover a specific area use the following coverage rate:• One gallon of SealMaster LV will cover approximately 100-120 square feet (11.1 to 13.3 square yards) per coat when properly mixed and applied.

NOTE: Coverage rates may vary due to pavement age and porosity.

**CAUTIONS**

Both surface and ambient temperature shall be a minimum of 50°F and rising during Liquid Road application. Do not apply if temperature is expected to drop below 50°F within a 24 hour period after Liquid Road application.

**PACKAGING AND AVAILABILITY**

SealMaster LV 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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