SealMaster®
Pavement Products & Equipment

Technical Data Sheet

SEALMASTER LP SEALER

SMT-108

REVISED 1/5/17

PRODUCT DESCRIPTION & BENEFITS
SealMaster LP Sealer is a clay-stabilized, fuel resistant water based pavement sealer designed to protect and beautify asphalt pavement. LP Sealer is formulated to be job-mixed with water and aggregate.

BASIC USES
SealMaster LP Sealer is designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, shopping malls, roadways, and more.

COMPOSITION
SealMaster LP Sealer is a clay-stabilized, fuel-resistant water based pavement sealer fortified with special surfactants to promote superior adhesion and durability. Select aggregate is job-mixed to produce a slip-resistant coating.

SIZES
SealMaster LP Sealer is available in 4,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

COLOR
SealMaster LP Sealer dries to a deep, rich black color.

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

ENVIRONMENTAL CONSIDERATIONS
SealMaster LP Sealer does not contain asbestos or coal tar. LP Sealer is a water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

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

Test	Specifications	Result
Material	Material shall be homogenous and show no seperation or coagulation that cannot be overcome by moderate stirring.	PASSES
Chemical & Physical Analysis		
- Non Volatiles %	45-48%	PASSES
- Ash Non Volatiles %	30 - 40	PASSES
- Solubility of Non Volatiles in CS_2 %	20 Min.	PASSES
- Specific Gravity 25°C	1.20 Minimum	PASSES
Drying Time	8 hr. Max	PASSES
Adhesion & Resistance to Water	No Penetration or Loss of Adhesion	PASSES
Resistance to Heat	No Blistering or Sagging	PASSES
Flexibility	No Cracking or Flaking	PASSES
Resistance to Impact	No Chipping, Flaking or Cracking	PASSES
Resistance to Volatilization	10% Loss in Weight Max.	PASSES
Wet Film Continuity	Smooth, Nongranular Free from Coarse Particles	PASSES
Resistance to Kerosene	No loss of adhesion or penetration	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 LP Sealer 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 LP Sealer Pavement Sealer shall be mixed in accordance with the following mix design (based on 100 gallons for ease of calculation):

LP Sealer Concentrate ..... 100 gallons
Water ..... 20-35 gallons
Sand* ..... 200-300 lbs.
*(40-70 mesh AFS rating)

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.

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

APPLICATION RATE OF MIXED LP SEALER
Apply properly mixed LP Sealer (LP Sealer 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 LP Sealer Concentrate required to cover a specific area use the following coverage rate:
• One gallon of SealMaster LP Sealer Concentrate 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.

PRECAUTIONS
Both surface and ambient temperature shall be a minimum of 50°F in a 24 hour period following application. New asphalt surfaces should be allowed to cure a minimum of four weeks under ideal weather conditions (70°F) before applying LP Sealer. Keep out of reach of children. Do not store unopened drums or pails in freezing temperatures.

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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