

COAL TAR E-Z STIR

Pavement Sealer

SMT-102

REVISED 05/03/15

PRODUCT DESCRIPTION & BENEFITS

SealMaster Coal Tar E-Z Stir Pavement Sealer is a ready to use clay-stabilized coal tar emulsion pavement sealer fortified with sand for slip resistance. SealMaster Coal Tar E-Z Stir is designed to protect and beautify asphalt pavement.

USES

SealMaster Coal Tar E-Z Stir is designed to beautify and protect asphalt pavement surfaces including parking lots, airports, driveways, shopping malls, roadways, and more.

COMPOSITION

SealMaster Coal Tar E-Z Stir is a sand filled ready to use clay-stabilized coal tar emulsion pavement sealer fortified with special surfactants to promote superior adhesion and durability.

SIZES

SealMaster Coal Tar E-Z Stir is available in 4,000 gallon bulk tankers, 55-gallon drums, and 5-gallon pails.

COLOR

SealMaster Coal Tar E-Z Stir dries to a deep, rich black color.

LIMITATIONS

SealMaster Coal Tar E-Z Stir 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 Coal Tar E-Z Stir meets the performance requirements of ASTM D 5727, RP 355e, and ASTM D 490, specifications for coal tar pitch emulsion (CTPE) pavement sealer.

ENVIRONMENTAL CONSIDERATIONS

SealMaster Coal Tar E-Z Stir does not contain asbestos. Coal Tar E-Z Stir is an environmentally friendly water based pavement sealer containing less than 50 grams per liter volatile organic content (VOC).

PHYSICAL CHEMICAL PROPERTIES

SealMaster Coal Tar E-Z Stir is a premium quality pavement sealer that meets the following material requirements when tested in accordance with ASTM D 140, ASTM D 466, ASTM D 490, ASTM B117, ASTM D 529, ASTM D 2939, and ASTM D244 procedures. (see chart on right)

Test	Specifications	Result
Material	Material shall be homogenous and show no separation or coagulation that cannot be overcome by moderate stirring.	PASSES
Chem. & Physical Analysis		
Non Volatiles %	40% Minimum	PASSES
Ash Non Volatiles %	40-70%	PASSES
Solubility of Non Volatiles in CS ₂ %	20 Min.	PASSES
Specific Gravity 25°C	1.30 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

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 Coal Tar E-Z Stir 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

SealMaster Coal Tar E-Z Stir is a ready to use product that contains sand. Simply stir material and apply.

APPLICATION

For optimum performance and durability apply two coats of SealMaster Coal Tar E-Z Stir. A third coat of Coal Tar E-Z Stir may be applied to high traffic areas such as entrances, exits, and drive lanes.

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APPLICATION RATE

Apply Coal Tar E-Z Stir at a rate of .11 to .13 gallon per square yard (70-82 square feet per gallon) per coat.

ESTIMATING MATERIAL REQUIREMENTS

One gallon of Coal Tar E-Z Stir will cover approximately 70-82 square feet (7.8 to 9.1 square yards) per coat when mixed and applied properly.

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 Coal Tar E-Z Stir. 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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