SealMaster®
Pavement Products & Equipment

FLEXMASTER
Crack Sealant

SMT-201

PRODUCT DESCRIPTION
FlexMaster Crack Sealant is a one component, polymer modified asphalt emulsion crack sealant. It is a cold-applied material that exhibits the elastomeric qualities of hot pour crack and joint sealants. FlexMaster is a premium quality crack sealant that provides a protective barrier against moisture intrusion into pavement surfaces. FlexMaster exhibits outstanding low temperature flexibility. FlexMaster offers the performance of a hot pour crack sealant with the safety and convenience of a cold-applied material.

USES
FlexMaster Crack Sealant is designed for filling cracks up to 1/2"wide in asphalt pavement surfaces.

COMPOSITION
FlexMaster Crack Sealant is an elastomeric, one component, polymer-modified asphalt emulsion crack sealant. Select mineral fillers are added for cohesive strength.

SIZES
FlexMaster Crack Sealant is available in 1-gallon, 5-gallon, and 55-gallon containers.

COLOR
Dries black.

LIMITATIONS
FlexMaster Crack Sealant shall not be applied when temperature is expected to drop below 50°F at any time within a 24 hour period immediately following application.

ENVIRONMENTAL CONSIDERATIONS
FlexMaster Crack Sealant is a non-hazardous environmentally friendly water-based crack sealant containing less than 50 grams per liter volatile organic content (VOC).

Chemical & Physical Analysis	
Penetration (150 gr./5 sec.)	50-80
Resiliency	>50%
Flow at 140°F	<5 mm
Softening Point	>150°F
Ductility @ 77°F	>30 cm
Bond @ 20°F (1" Mandrel)	PASSES
Specific Gravity	1.10
Asphalt Compatibility	Compatible
Non-Volatiles (%)	60% min.
Ash (Non Volatiles)	18% min.

Drying Time	Dependent upon thickness
Adhesion & Resistance to Water	No Penetration or Loss of Adhesion
Resistance to Hear	No Blistering or Sagging
Flexibility	No Cracking or Flaking
Resistance to Impact	No Chipping, Flaking, or Cracking

PHYSICAL/CHEMICAL PROPERTIES
FlexMaster Crack Sealant meets the following material requirements when tested in accordance with ASTM D140, ASTM D466, ASTM D529, ASTM D2939, ASTM D244, ASTM D5-97, ASMT D5249, ASTM D5329, ASTM D36-95, ASTM D113, ASTM D3583, and ASTM D3236. (see chart below)

INSTALLATION
Cracks must be cleaned of all dirt, debris, and vegetation prior to application of crack sealant.

METHODS
FlexMaster Crack Sealant may be applied directly from container (one gallon jug with pour spout), pour pot, or suitable mechanized pumping equipment. It is desirable to squeegee material flush to adjoining pavement surface.

MIXING PROCEDURES
Stir material thoroughly. FlexMaster Crack Sealant is a ready-to-use material. Do not dilute.

APPLICATION PROCEDURES
Pour Crack Sealant into cracks and squeegee flush to adjoining pavement. Allow material to dry before opening to traffic.

ESTIMATING MATERIAL REQUIREMENTS
Coverage is dependent upon depth and width of cracks. Typically, one gallon of FlexMaster Crack Sealant will fill approximately 75-150 feet of cracks.

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.

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

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