

1. PRODUCT NAME
 FlexMaster Crack Sealant

2. MANUFACTURER
 ThorWorks Industries, Inc.
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3. PRODUCT DESCRIPTION & BENEFITS

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.

Basic Uses: FlexMaster Crack Sealant is designed for filling cracks up to 1,3 cm 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 3,78 liter(4,5 kg) , 18 liter(21,5 kg) containers.

Color: Dries black.

Limitations: FlexMaster Crack Sealant shall not be applied when temperature is expected to drop below 10°C at any time within a 24

hour period immediately following application.

4. TECHNICAL DATA

Environmental Considerations: FlexMaster Crack Sealant is a non-hazardous environmentally friendly water-based crack sealant containing less than 150 grams per liter volatile organic content (VOC).

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)

5. 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:

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, 0,1 - 0,2 kg of FlexMaster Crack Sealant will fill approximately 1 meter of cracks.

Precautions:

Both surface and ambient temperature shall be a minimum of 10°C. Temperature shall not drop below 10°C 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: FlexMaster Crack Sealant is supported by a national network of SealMaster facilities along with a national network of professional applicators.

Cost: Cost information can be obtained from a local applicator. Contact SealMaster for the name of the applicator in your area.

Chemical & Physical Analysis

Penetration (150 gr/5 sec).....	50 - 80
Resiliency.....	>50%
Flow at 140°F.....	<5 mm
Softening Point.....	>65,5°C
Ductility @ 25°C.....	>30 cm
Bond @ -6,6°C (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 Heat.....	No Blistering or Sagging
Flexibility.....	No Cracking or Flaking
Resistance to Impact.....	No Chipping, Flaking, or Cracking

FlexMaster Crack Sealant

7. WARRANTY

SealMaster warrants that FlexMaster Crack Sealant 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.

9. 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.

10. FILING SYSTEMS

- SealMaster Online Specifications at 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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