

TROWEL GRADE CRACK FILLER

SMT-203

REVISED 11/13/19

PRODUCT DESCRIPTION

Trowel Grade Crack Filler is a one component, cold-applied, polymer-modified asphalt emulsion crack filler. It is fortified with select mineral fillers and aggregate and is designed to fill cracks up to 1" wide in asphalt pavement. Trowel Grade Crack Filler provides a protective barrier against moisture intrusion into pavement surfaces. It is both economical and easy to apply.

USES

Trowel Grade Crack Filler is designed for filling cracks up to 1" wide in asphalt pavement.

COMPOSITION

Trowel Grade Crack Filler is a polymer-modified asphalt emulsion crack sealant fortified with select mineral fillers and aggregate.

SIZES

Trowel Grade Crack Filler is available in 5-gallon containers.

COLOR

Dries black.

LIMITATIONS

Trowel Grade Crack Filler 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

Trowel Grade Crack Filler is a non-hazardous environmentally friendly water-based crack filler containing less than 15 grams per liter volatile organic content (VOC).

PHYSICAL/CHEMICAL PROPERTIES

Trowel Grade Crack Filler meets the following material requirements when tested in accordance with ASTM D140, ASTM D466, ASTM D529, ASTM D2939, and ASTM D244 procedures. (see chart below)

Chemical & Physical Analysis	
Classification	Polymer Modified Asphalt Emulsion
Weight per gallon @ 77°F	11.6 lbs. per gallon
Color	Black when dry
Non-Volatiles (%)	65%
Ash (Non Volatiles)	63%
Specific Gravity @ 77°F	1.39
Drying Time	Dependent upon filler depth
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

INSTALLATION

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

METHODS

Apply crack filler with trowel, squeegee, or straightedge.

MIXING PROCEDURES

Stir material thoroughly. Trowel Grade Crack Filler is a ready-to-use material. Do not dilute.

APPLICATION PROCEDURES

Fill cracks completely with crack filler. Smooth flush to adjoining pavement with trowel, squeegee, or straightedge. Allow material to dry before opening to traffic.

ESTIMATING MATERIAL REQUIREMENTS

Coverage is dependent upon depth and width of cracks. Typically, one gallon of Trowel Grade Crack Filler 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 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.