



Technical Data

Trowel Grade Crack Filler

REV 7/24

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 Wear | 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 sealant.

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.

MANUFACTURING & CUSTOMER SERVICE:

Visit gemsealproducts.com or phone 866-264-8273 to find the location near you.

LIMITED WARRANTY

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.