

Tough Stuff™

Premium Cold Pour Crack Filler

Description

Tough Stuff™ is an asphalt emulsion based rubberized crack filler designed for filling cracks up to 1/2 inch in width in asphalt or concrete pavements. Tough Stuff™ is formulated as a heavy bodied liquid which allows it to be poured into cracks easily and uniformly.

Tough Stuff™ also contains higher volume solids than many cold pour crack fillers. Higher volume solids result in less shrinkage after application. With its rubberized asphalt base, Tough Stuff™ has excellent bonding characteristics and remains flexible in all climatic conditions.

Usage

Tough Stuff™ can be used to fill cracks in either asphalt or concrete pavements. Tough Stuff™ must be applied only to cracks that are clean, dry and free of debris and weeds. All vegetation must be treated with a water-based herbicide at least one week prior to crack sealing to prevent re-growth.

Use Tough Stuff™ full strength. Do not dilute. Thoroughly mix Tough Stuff™ prior to and during application. Fill cracks until flush with the adjoining pavement surface. Any excess material should be squeegeed along the length of the crack until flush. Deep (1/2 inch or greater) cracks may require more than one application for the material to remain flush to adjoining surfaces after drying. Cracks deeper than 1/2 inch can be partially filled with sand or backer rod prior to installation of Tough Stuff™.

Tough Stuff™ dries in one to two hours in most applications and under ideal conditions. The larger the crack, the more time required. Ideal conditions are 70° F. minimum, low humidity and direct sun. Allow Tough Stuff™ to cure completely before sealing or striping.

Typical Properties

PROPERTY	TYPICAL
Viscosity @ 77° F, cps	15,000
Non-volatile, %	68.00 - 70.00
Ash of Non-volatile, %	18.00 - 22.00
Flow @ 140° F, mm	<5
Flexibility @ 20° F, 1" mandrel	No cracking or adhesion loss
Resiliency, %	>50
Adhesion and water resistance	No adhesion loss or blistering
Cured color	Black

Packaging

5 gallon pails and 1 gallon plastic bottles

KEY ADVANTAGES

- Rubberized for improved flexibility
- Fast drying
- Dark black color
- Flows easily and uniformly into cracks
- Less shrinkage than most liquid crack fillers

Coverage

The chart below illustrates approximately how many lineal feet of cracks Tough Stuff™ will fill by width and depth:

DEPTH	WIDTH		
	1/8"	1/4"	1/2"
1/8"	1,200	600	300
1/4"	600	300	150
1/2"	300	150	75

Limitations

Apply only when ambient and pavement surface temperatures are a minimum of 50° F. during, and for at least 24 hours, after application. Do not apply if rain is imminent or forecast or if sub-surface moisture is evident. Application in shaded areas or under overcast conditions will require additional drying time. Make sure the application is thoroughly dry prior to sealing. Protect from freezing. Product is unusable after being frozen. This product is for exterior use only.

Precautions

Please read the Safety Data Sheet (SDS) for Tough Stuff™ before using for complete health and safety information.

Keep container closed when not in use. Tough Stuff™ may cause minor skin irritation. As with all chemicals, wear splash resistant goggles, protective gloves and clothing when handling. In case of skin or eye contact, immediately flush the area with clean water. Use outdoors only in well ventilated areas. Keep away from heat, sparks and open flame. Do not breathe fumes, mist, vapors or spray.

Limited Warranty

The Brewer Company warrants this product to be of merchantable quality when stored, used and applied in accordance with the specifications and instructions on the product label and herein. This limited warranty represents the sole and exclusive warranty. The Brewer Company's liability under this limited warranty is limited to replacement of the product proven defective or, at its option, refund of the selling price.