

Proflex® Crack Filler for Asphalt Paving



EZ Application 1500 Series

Product Data Sheet

F1509 Black

This product is a unique, extremely flexible, two-component epoxy membrane. It is solvent-free and exhibits excellent tensile strength and elongation under ambient as well as colder temperatures.

ADVANTAGES

- 100 % solids for low odor during installation
- Less hazardous.
- Self-priming and leveling on properly prepared surfaces.
- Self-leveling when sufficient material is applied.
- Fills depressions, spalled areas and cracks.
- Absorbs movement to help prevent reflective cracking.
- Remains flexible over a wide range of temperatures.

SURFACE PREPARATION

Surface and air temperature must be a minimum of 50° F. during installation and initial cure. Surface should be checked for soundness. Standard surface preparation practice should be followed, including thorough cleaning and drying.

TYPICAL PROPERTIES (When mixed)

| | |
|----------------------------|---|
| Mix Ratio: | 1:1 by volume |
| Density: | 9.5 lbs / gal. |
| Viscosity (Brookfield): | 750 cps |
| Pot Life: | 45 min. to 1 hr. depending on temperature |
| Gel Time: | 55 min. |
| Cure Time: | 24 hours |
| Shore D Hardness (72 hrs): | 52 |
| Adhesion (aged): | 100% @ 730 psi |
| Impact Resistance: | > 174 inch-lbs. |

| | | |
|----------------------------------|---------------------------------------|----------------|
| Mandrel Bend: | 1/8" no crack | |
| Colors: | Black | |
| | 7 days | 15 days |
| Tensile Strength – Ambient: | 808 psi | 1390 psi |
| Tensile Strength – Chilled: | 3900 psi | 6610 psi |
| Elongation – Ambient: | 139 % | 132 % |
| Elongation – Chilled: | 68 % | 27 % |
| Modulus of Elasticity – Ambient: | 79.7 psi | 331 psi |
| Modulus of Elasticity – Chilled: | 1150 psi | 1180 psi |
| Hot Tire Print | No permanent imprint @ 2 hrs., 140 °F | |

APPLICATION PROCEDURES

- Use **Proflex® Crack Filler for Asphalt Paving** for horizontal cracks. It can be poured and will fill to a greater depth than the **Butt Putty® Crack Filler Gel** or **ProFill®** that can be used effectively on vertical cracks.
- Mix only a portion of the material needed so condition of crack can be gauged.
- Mix 1 volume of Proflex Part A with 1 volume of Part B and slowly pour mixture into crack.
- Allow material a few minutes to penetrate then add more as needed.
- If **Proflex® Crack Filler for Asphalt Paving** appears to drain away each time more is added it indicates the presence of a cavity under the slab. A dam must now be created to contain the product within the crack.

Two methods may be used;

- Lay a string or heavy twine loosely into crack and force down with a 1/2" wide strip of plastic cut from a bottle. Dry sand may also be used if desired instead of string or twine.
- Add more twine or sand as needed until a firm bottom can be felt.
- Mix additional **Proflex® Crack Filler for Asphalt Paving** and pour into crack until it is filled and even with surrounding surface.

Sand can be sprinkled on top of **Proflex® Crack Filler for Asphalt Paving** to blend with surrounding area.

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