



CRACKFILL AB

Rubberized Pourable Crackfiller

1. Product Description

a. **Basic Use:** Crackfill AB is a single component, low viscosity, rubberized pourable joint and crack filler designed to penetrate and seal cracks in asphalt and concrete. Crackfill AB is installed by simply allowing the material to penetrate the crack by gravity feed. Crackfill AB permanently seals moving and non-moving cracks and joints.

b. Features/Benefits:

- Seals cracks to prevent water infiltration.
- Water-based formulation allows total compliance with VOC regulations.
- Low viscosity liquid is capable of penetrating cracks as small as 0.0625 in. (0.16 cm)
- Unaffected by exposure to sun, rain, snow, ice, acid rain, ozone or sleet.
- Excellent adhesive properties.
- Rapid cure time drastically reduces operational downtime and allows for exposure to traffic in less than 24 hours.
- Flexible rubberized asphalt compound permits use where slight crack movement is possible due to thermal or structural variations.
- Easy to use gravity feed system does not require special tools, equipment or workman skills.
- Remains flexible even when exposed to 0°F (-18°C).
- Self-leveling consistency may be used to seal random cracking in pavements.

c. **Typical Applications:** Sealing and filling cracks in parking lots, bridge decks, driveways, sidewalks and road pavements.

d. **Limitations:** Do not apply when rain is forecast within 12 hours. Do not install when ambient and substrate temperatures are less than 40°F (4°C). Do not allow Crackfill AB to freeze in storage.

e. **Composition:** Crackfill AB is a single component, low viscosity, penetrating rubberized asphalt emulsion crack sealing compound.

f. **Color/Appearance:** Crackfill AB is black in color.

2. Packaging

Crackfill AB is available in 1-gal. (3.8 liter) jugs (4 jugs per case), 5-gal. (18.9 liter) pails and 55-gal. (208.1 liter) drums.

3. Estimating/Coverage

One mixed gal. (3.8 liter) of Crackfill AB will fill 231.0 cu. in. (3785 cu. cm) of cracks and joints. The exact amount of Crackfill AB is determined by the surface texture, porosity, and profile of the crack.

4. Technical Data

- a. **Tensile Strength:** ASTM D 638; 75 psi (0.5 MPa).
b. **Elongation:** ASTM D 638; 600%.
c. **Heat Distortion Temperature:** ASTM D 648; 120°F (49°C).

5. Directions for Use

a. **Preparation:** The surface to be treated must be physically sound, thoroughly clean, free of oil, wax, rust, scale, curing compounds and other deleterious materials that will prevent proper adhesion. Cleaning with a combination of water and compressed air may be required to expose a sound and clean bonding surface.

b. **Priming:** Crackfill AB does not require a primer, although all crack surfaces must be predampened with water just prior to Crackfill AB application.

c. **Mixing:** Crackfill AB should be thoroughly mixed before application begins.

d. **Application:** Crackfill AB is applied by simply pouring the latex compound into the properly prepared crack or joint. Continue placing Crackfill AB until the material completely fills the crack or joint. Care should be taken to continually fill the crack as the compound penetrates into the crack or joint. Spread with a squeegee or putty knife.

e. **Working Time/Pot Life:** Crackfill AB must be installed within 2 hours after opening container. Replace lid or cap to preserve unused material.

f. **Cure Time:** Crackfill AB will be tack-free in 4 hours depending on air and substrate temperature. Final cure is achieved in 3 to 5 days.

g. **Clean-Up:** Use Waterzall Concentrate and water to clean tools and equipment.

h. **Maintenance:** Crackfill AB surfaces should be cleaned with Waterzall Concentrate and water. Crackfill AB may be reapplied to itself after proper surface preparation.

6. Availability

Crackfill AB is normally available immediately from your local distributor or it will be shipped within 5 working days upon receipt of order. Please contact your local Metalcrete representative or call Metalcrete directly for more information.

7. Warranty

Crackfill AB is manufactured in strict accordance with the quality control standards of Metalcrete Industries. It is guaranteed to perform as indicated on this data sheet when applied by competent applicators.

8. Technical Service

Metalcrete technical service representatives are available to provide on-site assistance with a minimum three day notice.



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