

## IMPORTANT NOTE

Alligator cracking in asphalt pavement is a sign of a sub-base failure. Repairing alligator cracks provides a protective layer over the crack to help prevent further cracking and keeping water from entering the cracks. The longevity of the repair is based on your level of preparation and severity of the sub-base damage. A professional solution for alligator cracks, typically involves saw cutting and removal of the entire cracked area, inspection of the sub-base, and a repair solution based on the available budget, up to and including soil stabilization/repair, and new hot-mix asphalt at full depth for the entire area.

## ASPHALT PREPARATION

1. Asphalt must be structurally sound, clean, and the surface should be dry. Use a propane torch if necessary to completely dry all cracks.
2. Clean surfaces by grinding, abrasive blasting, wire brushing, pressurized air, or other appropriate method.

Note: Wet cracks (pictured right) must be dried prior to installation. Use propane torch or other appropriate method.



## APPLICATION

1. FastPatch Alligator Repair Kit kits are designed to be applied as provided. Adding additional materials to or misapplying the kits will result in non-typical physical properties.
2. Whenever possible, condition all FastPatch Alligator Repair Kit components (resin pail and iso pouch) to 70°F (21°C) before application.
3. At ambient temperatures  $\leq$  40°F (5°C), FastPatch Alligator Repair Kit components may be conditioned to 100°F (38°C) to aid in cure speed.
4. Kits are designed for single use. **DO NOT SUBDIVIDE.**
5. Use 'eggbeater' style mixer with a drill capable of  $\geq$ 400 RPM. WVCO recommends using a corded drill.
6. Tear open and add "Part A ISO" pouch to the "Part B Resin" pail. Mix for 1 minute, scrape the sides of the pail and continue to mix for 1 additional minute.
7. After kit is uniformly mixed, pour FastPatch Alligator Repair Kit onto the installation area. If temperatures are below 60°F (15°C), allow the mixed kit to stand for up to 5 minutes before
8. Spread the FastPatch Alligator Repair over the area using a squeegee or trowel. On a grade, use a screed board to maintain an even level.

### FOR LOW CRACK PATTERNS

9. Topping sand may be applied to match the surrounding substrate and provide a slip resistant finish. Apply topping sand after material has started to gel. To test for suitable sanding time, sprinkle a handful onto the surface. If  $\geq$  50% of the sand sinks into the material, wait a few minutes and try again; otherwise proceed with sanding to refusal.

### FOR MEDIUM AND HIGH CRACK PATTERNS

Do not apply topping sand to 1st layer

Allow applied material to cure for 20-30 minutes at 70°F (21°C) or 40-60 minutes at 50°F (10°C).

Apply 2nd layer of FastPatch Alligator Crack Repair (Steps 1-8)

Apply topping sand as stated in step 9.

#### Disclaimer of Warranty

Test results are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use, or that any chemical compounds or use thereof are not subject to a claim by a third party for infringement of any patent or other intellectual property right. Each user should conduct a sufficient investigation to establish the suitability of any product for its intended use. Proper application is the responsibility of the user. As with any product the use of this product in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability. Testing is the requirement of both engineers and contractors alike. WVCO does not warrant the application under any or all circumstances.

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