A-Tech 0101 Gel Instructions

A-Tech 0101 Gel is one component of the concrete crack repair procedure. A Surface Paste, surface ports and mixers are also required. Waterproofing and sealing cracks in concrete walls can vary from project to project. This instruction sheet is compiled from multiple sources and experiences and is intended to be used as a recommendation for the user. Selection of the proper repair procedure and materials is the responsibility of the user.

A-Tech 0101 Gel is an extremely high viscosity, non-flowing epoxy. Use it on wide cracks > 5/16" where normal epoxies would be able to flow out of the crack. Tack free time is 1-3 hours. Final cure time is 1-2 days. All work is done from the inside of a basement.

I. Crack Surface Preparation

Clean the surface of the crack, adhere surface ports and seal the crack with a surface paste. Allow the surface paste to harden and cure. The surface of the concrete crack must be dry for the surface paste to bond.

II. Prepare Cartridge of A-Tech 0101 Gel

Unscrew the plastic lock nut at the top of the cartridge. Remove the plugs in the top of the neck. Place a 1/2" x 24 element static mixer over the neck of the cartridge. Attach the plastic lock nut over the static mixer and tighten.

Attach static mixer

Attach plastic lock nut

IV. Inject A-Tech 0101 Gel

Place the cartridge into a dual cartridge 300cc x 150cc injection gun. Insert the static mixer into the bottom most surface port. Begin injecting. For hairline cracks, allow 3-4 minutes for the materials to flow in. It is important to be patient. The tighter the crack, the slower the injection process. When material begins to flow out of the next port, insert the static mixer into it and place a cap or plug into the current port. Repeat until all ports have been injected.

Tack free time is 1-3 hours. The surface paste may be removed if desired.