

Hydra Stop 300 Instructions

Hydra Stop 300 is one component of the concrete crack repair procedure. A [Surface Paste](#), [surface ports](#) and [mixers](#) are also required. Waterproofing 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.

Hydra Stop 300 will typically fill 6-10 feet of concrete wall crack in an 8" wide concrete wall. When the material meets water, the liquid resin will foam and expand. Final cure time is 1-4 hours. 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. Moisten the Crack

Hydra Stop 300 is a moisture activated urethane foam. Squirt 1-2 cups of water into the top most surface port and allow it to run down the inside of the crack. This cleans and moistens the crack. Water should flow out of every surface port. Be sure that the base opening of the surface ports is not blocked by surface paste.

III. Prepare Cartridge of Hydra Stop 300

Unscrew the plastic lock nut at the top of the cartridge. Remove the plugs in the top of the neck. Place a ¼ 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 Hydra Stop 300

Place the cartridge into a dual cartridge 300cc x 300cc 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.

Final cure after contact with water is 1-4 hours. The surface paste may be removed if desired.