

# INSTALLATION INSTRUCTIONS

## VOID FILLING & CURTAIN GROUTING BEHIND A CONCRETE STRUCTURE OR BLOCK WALL

### PROCEDURE:

- Identify void area to be filled behind the concrete structure or block wall by marking the wall with chalk in a pattern as follows. The chalk marks will show where the holes shall be drilled. Markers should be spaced approx 2' apart across the wall starting approx. 1' above the floor. The second row of marks will be above the first row by 2' and staggered so that they are spaced between the holes in the first row. This pattern should be carried on until the area to be grouted is marked from top to bottom. (This pattern will resemble a diamond)
- Drill injection holes through the concrete wall. Use a 5/8" or 1/2" masonry bit. Avoid drilling through rebar.
- If you are drilling through a block wall, do not drill through the block. Drill 3/8" holes through the mortar joint to the backside of the wall. This size hole will accommodate a 1/4" stainless steel injection needle. Flush holes clean with water.
- Insert injection packers in every other hole if working with a concrete wall; allowing open holes to be used as vent ports for material.
- Mix **HYDRO ACTIVE<sup>®</sup> Combi** with 2-3% **HYDRO ACTIVE<sup>®</sup> Flex Cat** accelerator.
- Inject mixed **HYDRO ACTIVE<sup>®</sup> Combi** and **HYDRO ACTIVE<sup>®</sup> Flex Cat** and allow material to expand into open vent holes previously drilled. When grout is visible in the open holes, insert packers in the holes and grout until grout is visible in the next line of holes.
- On a block wall, insert needle through the mortar joint to the backside of the block. Once grouting is complete at the holes, they should be plugged with wooden pegs or oakum.
- Inject water into void area if necessary (water is needed to catalyze injection resin).
- Repeat procedure as necessary.

**End of Section**