

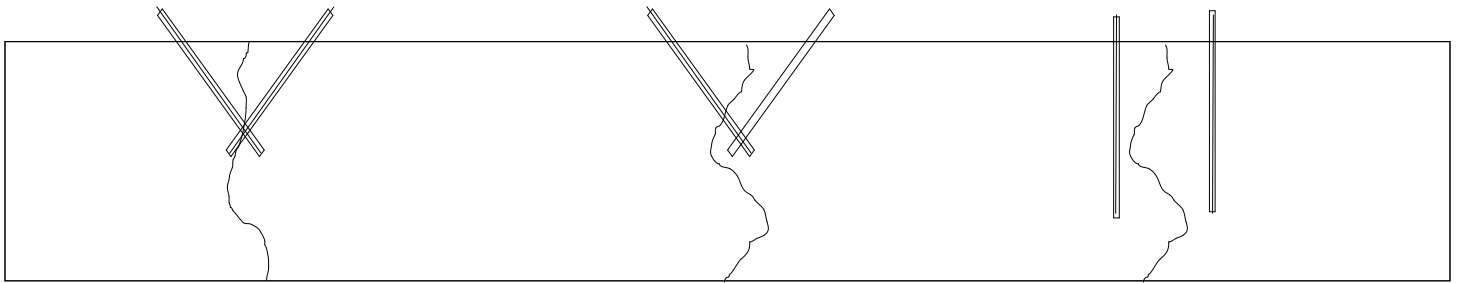
Crack Injection Drilling Guideline

Drill holes should always be drilled at a 45° angle, towards the crack. The drill distance should be 1/2 the thickness of the wall. For example, when injecting into a 12' wall, the holes should be drilled 6" from the surface of the crack. By drilling at an angle it allows the grout to intersect the crack closer to the center, so grout can travel in both directions. Further, if we were to drill straight into the concrete, it is more likely that the crack is completely missed and grout will have a hard time flowing into the crack.

Proper drilling, crack intersected in center, good grout flow from both packers

Proper drilling, crack intersected in center, good grout flow from one packer.

Incorrect drilling, crack intersected well, poor grout flow.



EXAMPLE: 12" wall thickness, packer holes drilled 6" off of crack

