

Instructions For Repairing 3" – 6" Secondary Containment Fittings with a Smith Fibercast 8088 Repair Kit

Small repairs (pin hole leaks and leaks up to 1" in diameter)

1. Take pressure off of system and dry the area around the leak.
2. Sand an area a minimum of 3" on each side of the leak area.
3. Cut two 3" x 3" patches from the glass supplied with the 8088 repair kit.
4. Mix adhesive per the instructions supplied in each kit.
5. Paint adhesive on the sanded area of the fitting.
6. Apply the first layer of glass and wet out with adhesive. The glass may be wet out before it is applied to the leak area.
7. Repeat step 6 until both layers have been applied to the fitting.
8. Use the curing time listed in the adhesive instructions.

Flange section or secondary containment joint leak repairs (wrapping entire fitting)

1. Take pressure off of system and dry the area around the leak.
2. Either grind or cut flange sections off of the secondary containment fitting and sand down flush and smooth with the fitting body.
3. If needed, mix adhesive with filler to grout in any gaps or voids in the bond line or to create a smooth wrapping surface.
4. Lightly sand the entire O.D. of the secondary containment fitting and 3" of the pipe where it is bonded to the fitting.
5. Using the material and instructions supplied in the 8088 repair kit, apply adhesive to the sanded area. Wet out glass and wrap around the fitting as though it were a section of pipe, centering the first layer over the joint and extending 2" past the end of the fitting onto the pipe. Apply tension to squeeze adhesive through the glass layer. For elbows and tees, slits may have to be cut in the center crotch section for glass to lie down smoothly.
6. Repeat step 5 on the center of the joint and then the other half of the fitting extending 2" over the end of the fitting. When starting the glass you must overlap (stagger) the first wrap by a minimum of 2".
7. Repeat steps 5 and 6 until there are two layers of glass over the fitting.
8. Use the curing times listed in the adhesive instructions.