



# STAIR FOAM INSTRUCTIONS

## Step Preparation:

1. Drain pool down below lowest step to be supported with foam.
2. Drill 5/16" diameter holes in step. Hole location should be based primarily on the characteristics of the step. I would suggest tapping on the steps to see if you can identify hollow spots. These of course would be places where you want to inject foam. If the whole step seems hollow I would suggest spacing the holes every 12" to 18".
3. It may be smart to mask the steps with paper or plastic except right around the holes to aid in clean-up afterwards. The foam is pretty stick and may be difficult to remove from steps if it hardens on them. Alternatively, if the surface of the steps is wet any spilled foam will be easier to wipe off before it hardens.

## Cartridge Preparation:

1. Attach a 9" mixer tube to the top of the foam cartridge. Make sure that the clear/white restrictor is in place between the openings of the cartridge and the mixer. This restrictor helps with complete mixing and proper proportioning.
2. Put cartridge in "Jake Gun." Make sure that the metal plunger plates of the gun are centered on the black plungers in the cartridge. If the plates "hang-up" on the sides of the plungers, material may leak out the back of the cartridge.

## Injection:

1. Insert tip of mixer tube into hole and squeeze handle of gun. The unique spring of the Jake gun will allow pressure to be applied to the cartridge without the need for you to hold the trigger. As the material is flowing into the hole rotate the gun to aim the nozzle in different directions behind the step.

The foam will expand up to apx. 7 times its volume.

1 Cartridge Set = 2.5 Gallons (.33 cubic feet) after expansion.

2. Knowing how much to put in is where judgment comes into play. You of course want material to completely fill the void, however, if the area you are filling is completely enclosed (unlikely) it is possible for the expansion of the foam to press out on the step and actually deform it.
3. Since the foam hardens in about 10 -15 minutes it is possible and advisable that several injections (new stuff filling the void above previously hardened foam) may be used to best fill the entire void.
4. While the foam is expanding you may want to alternatively plug the injection hole or let foam expand through it depending on the extent of step movement.

## Finish:

After void has been completely filled and foam has hardened scrape any foam in the hole out so that you can make a good epoxy paste or Plast-Aid patch in the hole.