STAIR FOAM INSTRUCTIONS

Step Preparation:

1. Drain pool down below lowest step to be supported with foam.
2. Drill 5/16” diameter holes in each step to be filled. Hole location should be based primarily on the characteristics of the step. Tap on the steps to see if you can identify hollow spots. These hollow spots are places where you want to inject foam. If the whole step seems hollow, space the holes every 12” to 18”.
3. If there is more than 1” of space between the step and the soil this foam injection by itself may not be sufficient. Larger voids can be filled with sand to bring the soil level up to that which can be filled with foam.
4. Mask the steps with paper or plastic except for right around the holes to aid in clean-up. The foam is very sticky and cannot be removed from steps if it hardens on them. Wetting the surface of the steps will make clean-up easier as well.

Cartridge Preparation:

1. Attach a 9” mixer tube to the top of the foam cartridge. Make sure that the black 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 into dual cartridge gun. Make sure that the metal plunger plates of the gun are centered on the plungers in the cartridge. If the plates “hang-up” on the sides of the plungers, material may leak out of the back of the cartridge.

Injection:

1. Insert tip of mixer tube into hole and squeeze handle of gun. 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
   Adding some water to the void before injecting foam can increase expansion

2. You will have to use your judgement when it comes to how much foam to put in. You want the 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 foam 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 Plast-Aid or Leakmaster Pool Glue patch in the hole.