

INSTALLATION INSTRUCTIONS FOR SYNTHETIC PUTTING GREENS

EXCAVATION

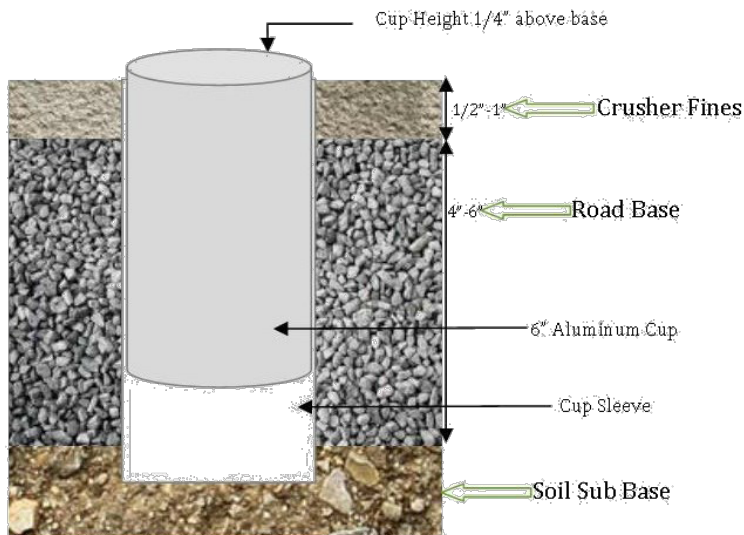
Mark out the dimensions of your putting green design using landscapers paint. Be sure to include space for your fringe if you will be including them in your design. Remove all organic material (sod, soil, grass) to a depth of 6".

BASE PREP

Replace the 6" of removed organic material with a $\frac{3}{4}$ " crushed gravel to a height of 4". Rake and water to create the desired surface with any undulation or elevation changes you want in your putting green. Keep in mind that putting surfaces do not drain so proper evacuation of water will be necessary. Next compact the gravel with a plate tamper for a tight lock. Add $\frac{1}{2}$ "-1" of crusher fines to create the smoothest surface possible. Water, compact, and use a roller to remove any lines and bumps.

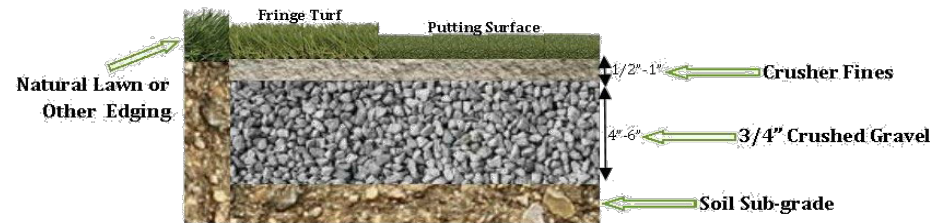
CUP

Set cup sleeves in their desired locations. Using a post digger, remove gravel so that the sleeve sits as flush with the surface as possible. Using a hand tamper on top of the sleeve, gently compact until sleeve is completely level with the final grade. Once you have completed this, slowly fill any surrounding area with crushed gravel. Water and compact with hammer. This is the most important area so take the time to compact it tight. Your cup should sit in the sleeve with the lip $\frac{1}{4}$ " above the base.



SURFACING

Roll turf over the project area. Always roll turf in the same direction and overlap multiple rolls by 2"-3". Once in place, chalk out your desired shape. When you are happy with the shape cut out using an STI carpet knife.



SEAMING

Cut the bottom piece of turf two tufts in from the factory edge. The top piece will need to be trimmed as close as possible to the adjacent turf without overlapping. TAKE YOUR TIME. You are always better with a small gap than too tight of a seam which will compromise the surface. Place the seaming tape as close to centered as possible. Roll turf back 6" on either side from seam and temporarily secure. Pour glue evenly with a $\frac{1}{8}$ " notched trowel. Bring edges back together in a zipper fashion to ensure backing butts up nicely. Be careful not to get glue on grass blades. Depending on humidity and climate the glue will have differing dry times. During that time walk the seam but do not place heavy objects on top of the turf.

INFILL

Putting greens will require 2lbs per sq. ft. of sand or more. To calculate the needed amount take the sq. ft. of laid turf and multiply by 2 and apply sand evenly, preferably using a drop spreader over entire putting surface. Brush in using either a broom or power sweeper.

FRINGE

Fringe's can be very specific to your project; and for the best results consult with an experienced installer. They will be able to advise you best based on your putting green shape and fringe size.

LAST STEPS

Cut an "X" in the turf over top of your cup sleeve. Carefully follow the edges of your cup sleeve using an STI carpet knife. Remove debris with a shop-vac, slide your cup into the sleeve, and ENJOY!