

Putting Green Installation Procedures

Step 1

Demo work area approx. 6-12 inches as needed for the area
Install any drainage piping etc. if needed
Plate compact ground and install geotextile fabric
Install 3-6 in of $\frac{3}{4}$ --1 in type aggregate
Plate compact well with water to approx. 90% compaction
Install 3-6 in plus of $\frac{1}{4}$ in minus aggregate
Plate compact well with water and roll with water filled roller
Contour shape and build undulations etc.
Plate compact and roll to approx. 90% compaction with water and smooth out—roll again
Mark out green shape, seams, cups and fringe
Install cup assemblies with sleeves away from
Seams at least a couple feet away from seams—more if possible
The top of the cup assembly should be level and even with the top of the base material
After the cup assembly is installed, adjust the inside cup height so it is approx. $\frac{1}{2}$ in above the base material so you can see it after the green is down and makes it easier to cut along the outline of the cup



Step 2

Fine tune base work
If needed, install a light layer of fine silica sand to smooth out base and roll
Install putting green turf according to design

Step 3

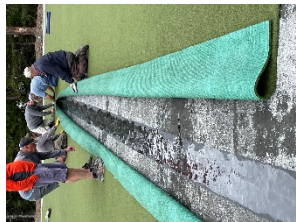
1. Use a Landscape Roller to smooth out base and wrinkles in the turf



2. Use a Drop Spreader apply fine silica sand 20/40—30/50 sieve or Envirofill 30/50 onto the green to help smooth out turf wrinkles



3. Used a stick of sidewalk chalk to outline the turf into the shape you are looking for the green
4. Use a Broom to work sand into turf – do not sand about 1 foot on each side of the seams, and 1 foot from the edge of the chalk line as well as around the cups
5. Use a Landscape Roller – roll out the turf multiple times
6. Cut out the shape of the green
7. Cut in seams – trim seams as needed
8. Roll back seams - then place seaming cloth so that it lays in the middle of the seam line and nail cloth on the outside of the pg area to hold it in place
9. Pour a thin zig zag line of glue on the seaming cloth – spread glue with a spreader so it covers the cloth completely—thin coat only



10. When gluing the seam, place one side of turf down first then the other side, then move onto the next section. If needed, use a carpet kicker to make sure seam is close together
11. When finished with gluing the seam, walk on seam several times to make sure it is sticking together then use a carpet roller on seams
12. If needed, use a hand tamper, roller or plate compactor to smooth out any uneven spots on the green

Step 4

1. Cut in cups by making an X in the middle of the cup then slowly cut around the outside edge of the cup
2. If needed(recommended) install 2 ½ in bright common finish nails around cup to hold the turf tight to the cup over time
3. Adjust the cup height so the cup is approximately ¼ in below the top of the turf
4. Roll Seams with Landscape Roller
5. Put sand on seams and around cups – broom in sand

Step 5

6. Cut Fringe pieces in either all in 1 direction or all around facing the green overlapping the pieces
7. Cut to shape of green and fringe seams



Step 6

1. Place seaming cloth all around the edge of the green to seam fringe pieces to green and nail at each end
2. Cut seaming cloth for each fringe seam and nail



3. Peel back each piece of fringe, place seaming cloth in middle of seam
4. Pour a zig zag line of glue on seaming cloth for seam and putting green (do only one seam at a time, when finished with one fringe seam, move to next fringe seam)
5. Seam each fringe seam and putting green together
6. Walk around on seams and use roller
- 7.

Step 7

1. Kick out any wrinkles in the fringe
2. Cut the outside fringe the way you want the shape to look
3. Nail in Fringe with 60D 6" Galvanized or bright common nails 1 inch in from the turf edge and nail every 6-8 inches—in the middle at random



Step 8

1. Check all Fringe Seams
2. Using scissors, clip away hairs that are standing up—if any
3. Using Drop Spreader, add sand to the Fringe and Broom sand into the fringe
4. Add any additional sand to green (classic pitch—3-4 lbs per sf, Precision Putt—1-2 lbs per sf, fringe—1-2 lbs per sf)
5. Tuck fringe edges to edging or curb--if any
6. Using a Backpack Blower, blow off Green and Fringe to make sure it's clean
7. Hose down if water is available