

You will first need to decide the layout and use of your golf area.

There are 3 basic types of golf artificial turf products

1. Pro Putt or industry named – slit film – 1" which will "bloom" when power broomed
Used for larger areas, easy to seam, normally installed by a professional



2. Master Putt or industry named – texturized nylon or poly – 1/2"
Try to plan your area to no wider than 15 feet to avoid seaming this product
Seaming can be done by an experienced installer
Apx. 10 – 11 stimp factor and can be adjusted by adding infill



3. Fringe which is normally a type of landscape turf
Used in 2 ft or wider around putting area



Putting turf does not have drainage holes. If you are in a rainy area it does not hurt to add drainage around the green to remove the runoff from the green and avoid the surrounding area from becoming soggy.

NTS's line of synthetic turf comes tightly rolled on a heavy gauge core. On the day the turf is to be installed we recommend rolling out the turf to: inspect your order for defects & warm up - if this can be done in a sunny area, all the better.

Remove old lawn or shrubs (if necessary). If there is existing lawn to remove, we recommend using a sod cutter with the blade set at a depth of 4". Use a pick ax (carefully) to get into corners. You will need to be prepared to dispose of the excavated organic sod & "native soil," too. Depending on the region, "native soil" (existing soil & ground cover) will be excavated approximately 2"-4". NTS recommends wetting down the excavated area's bed & applying organic weed & grass killer to help ensure root systems below the turf's installation are retarded & / or eliminated.



Compact the area, including the perimeter. Use a "hand tamper" to ensure the perimeter is well compacted, too. There is no "science" to measure compaction, but compaction should be approximately 75% to ensure the native soil is permeable (drains) & the sub base is stable for foot traffic. The ground should be free of bumps or holes.



New (not recycled!) Class II Road Base or, decomposed granite ("DG") will be installed next. This area should be crowned to provide extra "geometry" – adding contours will add dimension which will provide a more natural finished appearance. Using a "water roller" or "plate compactor" and "hand tamper" tool, A base that has been thoroughly compacted will not show a footprint when walked on. Once base preparation/installation is complete avoid any unnecessary foot traffic. Walk flat-footed on the base when it is necessary.



Arrange the metal flange piece from your "Karl's Cups" set on the decomposed granite.

a. Mark the place where your cups will be permanently placed. This can be done by applying pressure to each metal flange by rotating it. This will cause a small indentation in the decomposed granite which will be used as a marker or reference point.

* Using a small hand shovel dig a small hole that is at least 2 inches larger in diameter than the cup itself and equal in depth to the size of your cup.

* Add redi-mix concrete mix powder and pour at the bottom of the hole.

* Bend up the metal flanges up to 90 degree angles and place in the dirt hole – secured in concrete. Leave 1" of the cup exposed.



Install border if needed or desired.

Turf will be cut (if necessary) to exact proportions and lay it over the sub-base. Always use cutting tools with sharp blades, i.e. "utility knife" or tin-snips (work well for more intricate shaping). Turf will be secured with 5" - 6" nails approximately 4" apart around the perimeter.

Fit seams together then secure with nails or staples on each side of the seam 1" apart, in conjunction with 2 1/4" or 4" indoor-outdoor double stick carpet tape, or tape and seaming glue.



Master Putt - texturized - Use your medium bristle push broom to lightly sweep the sand and any loose gravel off your base. This will fill any cracks and crevasses and it will also give you a very smooth base.

Infill is simply a material that is added to fill in between the blades of grass to improve the finish of the surface and match it closer to real grass for putting. Fill the drop spreader 1/2 full with infill and spread your infill across the top of your artificial putting green. You must aggressively brush in your infill.

Rolling of the green will determine the speed of the putting green surface
Using water filled roller, roll the green the length & width of the entire surface.

Do this several times – both the length and the width of the putting green to achieve the speed you desire



Locate the cup holes by pressing the synthetic turf with your hands until you feel the holes. Using a utility knife (with a new blade) cut the holes out of the turf. Begin by cutting an X inside the hole.

Cut tightly around the inside edge of the cup marked by the X. It is very important to take your time with cutting around the inner edge of the cups. After the holes are cut, trim the loose fibers around the cup with hand scissors.



Install "fringe" or rest of landscape turf around outside of golf area. Power broom the fringe turf around the outside edge of the putting green.

