

Installation Guide

Deluxe Athletics recommends utilizing our professional installation services for any type of synthetic turf project. For our customers that choose install synthetic turf products we have provided this installation guide. This installation guide cannot address all issues or situations which may arise during installation. To this point we highly recommend that you exercise great care in planning and close attention to all details of the installation.

Deluxe Athletics hopes that your installation goes well and that you will soon enjoy your low maintenance turf and the manicured beauty which it provides for your property.

RECOMMENEDED TOOLS

- Carpet Knife
- Push Broom
- Hammer
- Sod Cutter
- Seaming Tape
- Safety Glasses
- Razor Blades
- Flat Head Rake
- Nails, galvanized, 6-8" long
- Drum Roller or Plate Compactor
- Tape Measure
- Protective Gloves

OTHER MATERIALS (*denotes optional)

- SubGrade Fill, 1/4" crushed rock used to build a pad at least 2-3" in thickness.
- * Infill Material, common sand applied at a rate of approximately one pound per square foot.
- * Border Materials, landscape curbing, rocks, decorative mulch, brick pavers or wood timbers.

Deluxe Athletics advises customers to wear appropriate safety equipment including but not limited to eye protection and gloves. Use proper lifting techniques to avoid injuries in lifting rolls of turf or equipment.

Delivery trucks (common carriers) do not unload materials. Please be prepared to unload your materials immediately upon arrival. It is recommended to have several people available to unload rolls of Turf.

Site Preparation

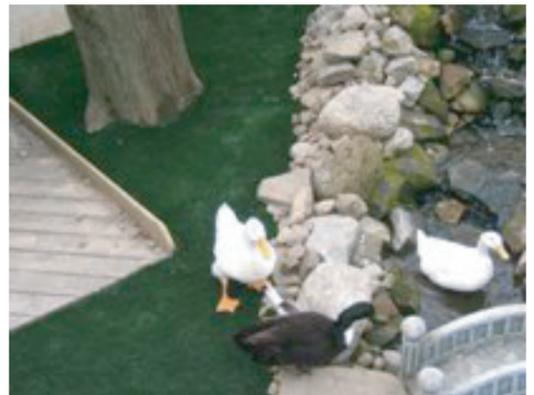
1. Remove all existing vegetation, large rocks or surface obstructions in the area to be covered by the Turf.
2. Apply a defoliant such as Roundup to the area to prevent the regrowth of grass, weeds or other vegetation. Any plant growth beneath the Turf could cause severe problems in Turf fit and appearance requiring removal of Turf.
3. Lay crushed stone aggregate evenly across the area to be covered by the Turf at a suggested minimum depth of 2-3". (Crushed stone is available at landscaping supply yards.)
4. Spread stone with rake to provide a level surface. For improved drainage the total area should have a slight slope away from buildings and walkways.
5. Compact stone with a drum roller, plate compactor or other compacting tool. This is a critical step because any surface imperfections (bumps, dips, etc.) may be very visible surface imperfections when the Turf is layed in place.



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Turf Installation

1. Choose a starting point and position the Turf near the chosen starting point. Roll out the Turf to begin rough placement. The Turf has a natural "grain" or direction of the grass blades. It is very important to install all Turf sections with the grain in the same direction.
2. Begin rough positioning of Turf by driving galvanized nails at the starting point and move outward to hold the Turf in place. Allow several inches on Turf to extend beyond the installation area to assure adequate coverage when final cuts are made.
3. Multiple rolls of Turf may be seamed with standard indoor-outdoor carpet seaming tape. The tape should be applied with 1/2 of the tape's width on the underside of each section to join them together. The tape is not used to hold the Turf to the sub surface or borders.
4. Carefully measure and cut the Turf to fit the desired area and around permanent objects such as trees and poles. Make small cuts initially to minimize seams or the need for patches. Accurate cuts are critical to achieve a professional installation appearance.
5. Complete the installation of nails. It is recommended to place a few extra nails along slopes to prevent slippage or near pathway entrances to minimize the possibility of tripping from lifted edges. Nails should be used along both sides of any taped seams.
6. Visually inspect the turf for rolls, bumps or other surface issues. for correction prior to application of infill material.



NOTE: All Turf products are roll goods which requires expert cuts to accomodate extreme contour variations such as mounds, hills and dips in overall terrain.

Final Touches

1. Add infill material (sand) to Turf area. The infill will provide weight to help anchor the Turf and it will provide a cushioning effect. The infill may be initially applied by hand and gently worked into the Turf with a flat head rake. Do not use a steel rake or other implements which may damage the Turf.
2. Add a solid border to define your Turf area. Recommended borders are landscape curbing, decorative rock or mulch or brick pavers. It is not recommended to use natural vegetation which "runs" such as liriopie or common border grasses.

You Are Done! Enjoy Your New Turf Area !