

**TURFSCAPE™**  
A DIVISION OF **ACTGLOBAL™**

INSTALLATION  
**Guide**



**Relax More.**





## Turfscape Installation Guide

### Required Materials

- Turfscape
- Shovel or gas powered sod puller
- Vibrating plate compactor
- Weed barrier mesh
- Rock aggregate
- Utility knife
- Outdoor carpet glue
- Sand infill
- 12" wide seaming tape
- Push broom or motorized brush

### Suggested Materials

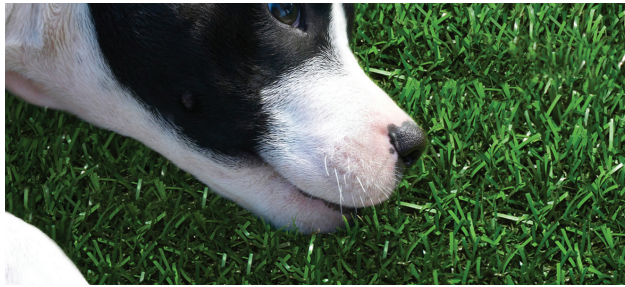
- Outdoor spray paint
- Seed drop spreader
- Weed/grass killer
- Water filled sod roller
- Galvanized 40-60d nails

\*Most of these materials can be found at your local nursery or rented from a home improvement store.





Installing Turfscape yourself can be a cost efficient process. With basic engineering considerations and these simple steps, you'll be on your way to low-maintenance bliss.



## General installation instructions

### Step 1- Planning

Identify and mark off the area that you will install artificial grass with an outdoor spray paint. Consider the dimensions of your Turfscape to try to get as few seams as possible with your layout.

### Step 2- Clearing the land

Remove sod by using shovels, using/renting a gas powered sod puller or engaging a local landscaper to remove the sod. You will wish to remove approximately 2" to 3" of soil. Ideally, the sub base will be pitched slightly towards the best direction to allow for water drainage to run-off. Also, after the sub base and artificial lawn is installed, you will want to have the edges of the artificial lawn at an even level with the natural landscape.

### Step 3- Water systems

Cap Sprinklers. Turn off valves.

### Step 4- Compacting the surface

Compact existing ground to "firm it up fully" (you can rent a vibrating plate compactor at most rental centers).



Planning



Clear the Lands



Water Systems



Surface Compaction



## Step 5- Weed barrier

Spray weed/grass killer and place a weed barrier mesh down (not always necessary in all areas of the country, such as in the desert).

## Step 6- Sub base

Add a top layer of rock aggregate (1/4" minus is best so you don't feel any protruding rocks when you walk on your Turfscape). The purpose is to firm and level your base. 1" -3" of base is usually enough, although in some areas of the country where soil is especially unstable you may need up to 5" of base material; just ask a local expert like a nursery, landscape center, or rock yard if you are not sure. If more than 3" of base material is used, you will also need to increase the amount of soil removal.

### \*Tip

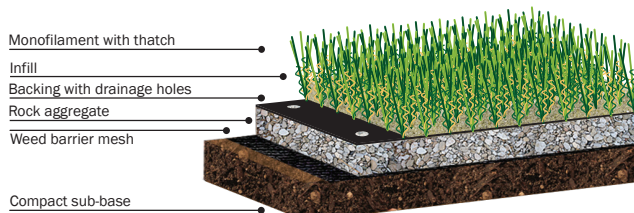
Allow the sub-base to completely dry before laying any rock aggregate. This reduces settling and ensures proper compaction for the surface.

## Step 7- Compact sub base

Spread, and then compact the sub base material twice. Use the vibrating compactor again.

## Step 9- Inspect the surface

Check surface for depressions. Any depression areas 1/8" - 1/4" or deeper should be filled in and re-leveled. Although the turf also drains vertically through the drainage holes that are manufactured in the fake grass, it is still advisable to give the sub-base a slight slope, to avoid any pools of water (slope away from buildings).





## Step 10- Lay the turf

Roll out the turf. Carefully position the Xtreme Lawn where you would like it. Try to be accurate as to not cut off turf you actually need. Avoid dragging the turf.

### \*Tip

We suggest rolling out the turf the day before installation to allow the fibers to relax to it's natural upright position.

## Step 11- Cut to size

Cut off excess material so it's easier to work with. Always use a sharp blade in your utility knife! Make sure turf is still positioned where it goes. Now, trim turf more exactly to fit up against the edge. For optimal performance and beauty, make sure the turf is installed exactly over the prepared base.

## Step 12- Seaming

Make a seam where the two pieces of turf come together. (You can always pay a local carpet installer to help you for a few hours with this process if it makes you feel more comfortable.) The seams are simply glued together with any outdoor carpet glue (honey color glue seems to work best) and seaming tape.

Cut the 12" wide piece of seaming tape the length of the seam. The turf is to be laid seam to seam the way that it should look to ensure it fits tightly together before it is glued. Lay the seam tape down on the base directly underneath the two pieces of turf that are to be joined lengthwise.

### \*Tip

The pattern of turf stitching on the under side must run in the same direction as the seaming tape before the two pieces are adhered.

Before adhering both pieces of turf ensure that both edges have been properly trimmed, straight, and will match up perfectly.





Apply the gluing compound to the entire piece of seam tape with a notched trowel. Place one side of the turf in the middle of the tape (approximately 6") to the center of the tape. Lay the other side of the turf over the middle of the seam tape to match up exactly to the turf that has just been adhered to the tape. Mesh the fibers together with fingers or brush. Allow 24 hours for glue to properly dry. The following procedures can be administered during the drying time, but turf may shift and require repositioning.

### Step 13- Infill Preparation

It is a good idea to nail the perimeter every 6" with (40-60d nails (4-6 inch length).) For infill preparation, motorize brush the turf in the opposite direction that the turf is naturally laying. This will allow the infill material to infiltrate the turf rapidly and prevent turf blades from getting trapped underneath.

### Step 14- Infill

With a seed drop spreader use silica sand as an infill to help weigh the turf down, and stabilize the fibers so as to help avoid "matting". It's important to use silica sand—not playground sand—to avoid clumping and clogging the drainage. Spread the infill in several passes. As you spread the sand infill you should make one entire pass on the surface then sweep it down into the fibers, repeating the process until all of your infill has been spread. Repeat motorized brush after infill spread.

### Step 15- Optional edging

Depending on your yard, you may want to install some type of edging material around your new Xtreme Lawn. Natural stone, rock borders, metal edging and plastic edging (similar to what is used around flower beds) are all popular. If not, new natural grass may be laid around the area to provide proper tie-in and to ensure the best appearance.

#### \*Tip

Calculate the amount of infill in advance, as you will want to leave 5/8" (+/- 1/8") of the grass blades exposed.

1.5 lbs of sand = 1/2" infill height per sqft

1 pound of 10-20 mesh rubber = 1/2" infill height per sqft



**Line The Seams**



**Nail The Turf**



**Spread Infill**



**Brush Infill**





#### Disclaimer on artificial lawn installation

Act Global engaged an independent installation consultant to prepare this artificial lawn installation guide. No representations or warranties are made regarding the information contained here within and/or in any artificial lawn literature. There are many factors involved with artificial lawn installation including materials used, installation techniques, environmental conditions, etc, that vary for each particular installation site or area.