



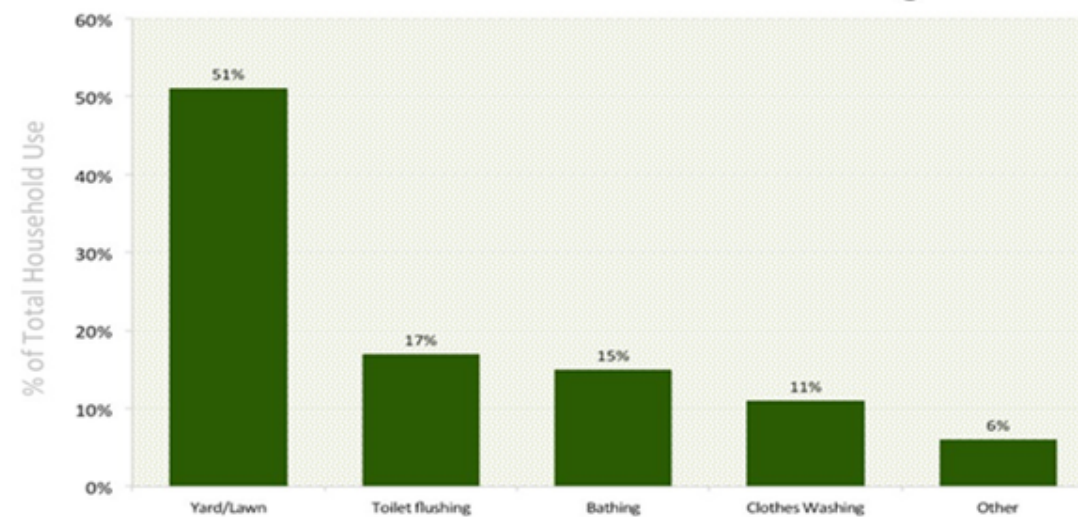
Installation Guide

(In 10 Easy Steps)



By installing Diamond Artificial Grass System not only are you closer to lowering your water bills but you're also helping to protect the environment & reclaim your precious free time all while guarantying that your yard looks impeccable all year-round.

Breakdown of Household Water Usage



So you are in the market for an artificial grass installation and you are a "hands-on" type of person who is not afraid to get down and dirty? Awesome! It is always better to get a professional installation from your **Diamond Artificial Grass** recommended dealer installation company in order to get a full installation warranty and a spectacular looking project for many years to come. However, if you have made the decision to take this matter into your own hands, we won't stop you; better yet we'll help you get through it step-by-step so you can have a successful installation and check another project off of the DIY list.

ONLY FOLLOW THESE
10 STEPS
AND YOU'LL FINE:

- 01 SITE WALK
- 02 EXCAVATION
- 03 RE-ROUTING ALL YOUR UTILITY LINES
- 04 SITE PREP WITH FABRICS
- 05 SUB-BASE INSTALLATION
- 06 LEVELING & COMPACTING THE BASE
- 07 PREPPING THE TURF
- 08 SEAMING & TRIMMING EDGES
- 09 SECURE TURF & TIDY UP
- 10 INFILL AND FINISHING



STEP 01: SITE WALK

Before anything, you must understand that every single Artificial Grass project is different. Some will be easier to do than others and you may even run into something out of the ordinary; so you don't only need this guide and the adequate tools but also an open/ creative mind in case you need to come up with a resolution to a small obstacle. With this being said, you must completely inspect the site, do a walk through, take a quick survey of the area you want to install your turf in and always take in consideration the

surroundings. If you plan ahead you can be sure that you will use your time wisely, premeditate any inconveniences, calculate precisely so you can have the least amount of waste possible and ensure a successful installation.

01

STEP 02: EXCAVATION

When most people hear the word excavation, they get frightened because it sounds like a 5-foot hole. This is not the case. Depending on what you have there now and what the desired final level is determines the depth you must excavate. Remove the grass you have there now (or rocks, mulch, stones, etc.) and then finish off the excavation by also removing the topsoil a few inches down.



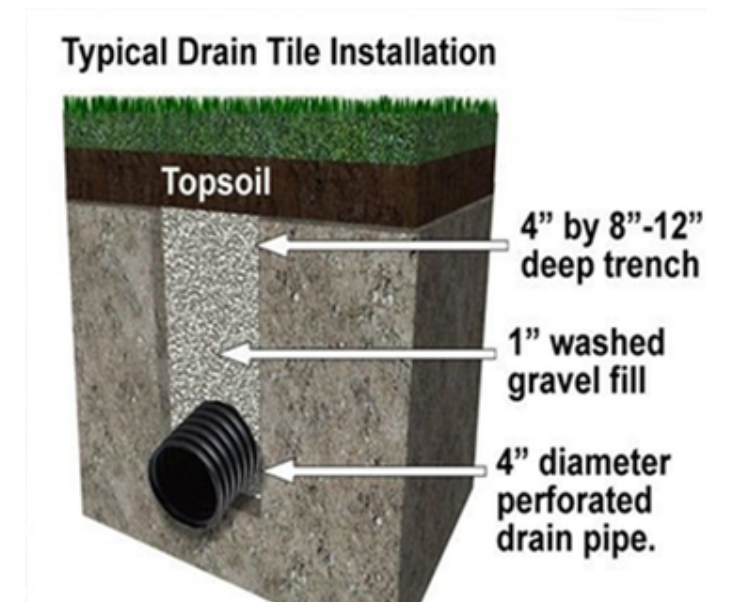
In most cases the total excavation depth should be from 3-6 inches. On most projects only hand tools are needed like the traditional wheelbarrow, shovels and hoes. However, a sod cutter which can be rented in your local hardware store makes this process much more efficient.

STEP 03: RE-ROUTING ALL YOUR UTILITY LINES

Most people avoid or skip this step but it is extremely important to do a little extra now and not a lot later. You will save yourself a lot of headaches and unnecessary work down the line by simply re-routing all of your:

- Irrigation
- Electric
- Gas
- Phone lines

Outside of the installation area for easy access if they ever need to be maintained or replaced. Cap any sprinkler heads as needed or cap the main water pipe for the sprinklers if they are no longer desired.



*Note:

In this step you should also address any known drain issues and create an accelerated drain system. You can dig strategically placed trenches and fill them up with drain rock or if the problem is serious you can create a French drain by adding a drain pipe so the water can evacuate quick and easy.

*Note:

Sprinklers are recommended to be left in place when creating a K-9 Turf System or a Cooler Turf System.

03

STEP 04: SITE PREP WITH FABRICS

Diamond Artificial Grass Weed-Block Fabrics Definitely creates better structural integrity to the overall installation by not only preventing weeds to come through the prep work or through the turf but also it creates a barrier for roots, rodents and pests.

This fabric is secured to the ground with Diamond Artificial Grass's 5" Turf Spikes



*Note:

If Diamond Artificial Grass Aluminum Edging is desired, this is the step to install it. If possible, outline with spray paint the perimeter where you want the edging to go. Once the area is identified and marked, you can install the edging by hammering it down and securing it with the aluminum stakes that it comes with. (This edging can be left visible or hidden, your preference)

04

STEP 05: SUB-BASE INSTALLATION

All 10 steps for the project are important but the sub-base preparation is probably THE MOST IMPORTANT STEP to ensure the durability, longevity and performance of your artificial turf installation.

The foundation where the turf is built on is key in the structural integrity of it all. Ideally you want to start from the back and fill in the 3-6 inches of which you excavated with a compactable course aggregate which depending of the area, the name might change.

This material needs to have 2 characteristics: For it to compact very well and for it to drain. Bring in the material one load at a time with a wheel barrel until area is completely covered.



05

STEP 06: LEVELING & COMPACTING THE BASE

In this step you want to make sure to create as smooth of a surface as possible by spreading and grading the aggregate with a leveling rake. (Always grade the aggregate with a pitch away from the property for ultimate drainage results).

Once you shaped up the area and created defined edges of where the turf will extent to, then you are ready for compaction. With a water hose sprinkle water over area to help lock in aggregate after it is compacted (DO NOT SATURATE).

With a plate compactor (which can be rented from your local hardware store), go over the area 2-3 times for ultimate compaction results. Once you are finished compacting you will notice some trails that the plate compactor has left behind that you can take care of by either going over it with a water-filled roller or with a hand tamper.



*Note:
Artificial Grass will mimic everything that is under it so be sure to remove all debris, rocks, or additional base in and around perimeter so you do not see humps and bumps on your finalized project.

STEP 07: PREPPING THE ARTIFICIAL GRASS

Like any flooring surface, Artificial Grass should also be acclimated for a day or at least a few hours before the installation. Open up the roll on a smooth surface and let the sunlight remove any wrinkles or creases that the turf may have.



Once the roll is open you must remove the “salvage” fabric from both ends. (This salvage is NOT intended for seaming). Cut the turf to match your design / measurements and make sure to always leave a few inches extra just in case. Always cut the turf from the backside for a precise cut. Roll the cut pieces back up and place them, unroll them and lay them where they’ll be finally installed.



***Note:**
You should always measure 3 or more times before you make any cuts. Make sure you measure on both lengths and both widths because they may be off by just one inch. (Which matters). Always base your cut on the longest side.

***Rule of thumb:**
Always place the turf with the grain facing the same direction before making seams. Placing it in different directions will give the turf a completely different look and it will make all seams visible.

STEP 08: SEAMING & TRIMMING EDGES

Before cutting the Turf to an exact fit, you want to first seam together all the individual pieces to create one unified piece. You do this by matching side by side the 2 pieces that you will be seaming together making sure that the space in between the seam is just wide enough to fit a piece of paper in. (Do not over lap one piece over the other one or do not leave the space too separated either. Leave it as close as if there was never a cut in the first place.)



Once you have the perfect seam position, you want to hold it in place by nailing down a row of 5" Turf Spikes parallel to the seam but roughly 18" away from it and roughly 8"-12" apart from each other. (Do not hammer them all the way in)



This will guarantee that your turf wont move.

Flip back the turf on both sides of the seam and lay down some Diamond Artificial Grass Strong Ass Tape with the sticky side up. Peel the protective film off and now you can flip back the turf and seam it together. Make sure to apply pressure with your foot or preferably with a water filled roller. Once the tape adheres to the turf then you can remove the spikes. Once all of your seams are complete and all your turf is completely flat then you are ready to trim the edges and cut for an exact fit. (Walk with caution since moderate movement will cause the turf to shift)

*Note:
Replace Turf Blades every 20-30 feet for a smooth cut. Always keep plastic gloves and rags handy.

STEP 09:

SECURE TURF & TIDY UP

Once you have cut the turf to fit around trees, poles, etc. you want to start securing it to the ground. You can start nailing down 3-4 Diamond Artificial Grass 5" Spikes every foot all around the perimeter.

4" or 6" Turf Staples can also be used in this process. When hammering in the nail, make sure that you stop when you have about 1" left and with another nail, move all the fibers out of the way so the head of the nail doesn't pinch any fibers so the nail can hide unnoticeable.

*Note:

You can also pre-install a Diamond Artificial Grass Bender board as a nailer-board so you can staple the turf into instead of the traditional nail down installation.



Then finish hammering all the way in. Brush up turf fibers by brushing against the grain with a Diamond Artificial Grass Turf Rake or for ultimate appearance use a motorized power broom. Once you have brushed all the turf up, remove all loose fibers with a leaf blower and sweep everything around clean.



09

STEP 10: INFILL AND FINISHING

All installations require the turf to be infilled as the final step of the installation. However, you get to choose the infill that you desire. Most installations get the TurFill Silica Sand but if you would like to have odor control for pet applications and or turf cooling features, you can upgrade to ZeoFill instead.

Whatever the case, you will need a drop spreader for the infill to be spread evenly. (you can spread the infill by hand, but you might not get the best results) Divide the infill material in 3 and install it in 3 rounds.



After each round make sure to work the infill into the Turf Fibers by brushing against the grain. Once the infill disappears into the turf, continue with the next round. Make sure to work a good amount on the edges. Note: make sure the turf and the infill are completely dry so the infill slides in with ease. Once you finish this step you can hose turf down to wash out any dust or residue.

AND YOU ARE FINISHED!!!

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WHERE TO GET ALL THE TURF AND ACCESSORIES??

If you have any questions, concerns or would simply like to purchase, you can call us, email us or even come into our store.

Disclaimer: DAG (Diamond Artificial Grass) recommends this installation guide to help understand the general steps for the installation process of artificial turf. Further research and more detailed steps are required to have a successful installation. Artificial Grass should be installed professionally for ultimate results. DAG is not responsible for any malfunctions or problems caused directly or indirectly from this guide.



THE END



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Installation Guide

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