

Making Dream Surfaces Attainable

HOW TO INSTALL ARTIFICIAL TURF

Step 1: Excavation & Existing Sprinkler Removal

Remove 4"- 6" of dirt below the level at which you want the turf. Beware of irrigation and electrical lines which may be located under the project area. Either completely remove sprinkler lines or remove and cap sprinkler heads. Cap sprinklers at the level as opposed to the rising to avoid any leakage that may occur between the two.

Step 2: Base Preparation

After removing the dirt, compact the soil using a 5000lb plate compactor. This will increase the soil's load bearing strength and prevent settling. Then, install a weed barrier on top. If desired, lay down gopher wire and use landscape staples to hold it in place. Do not install plastic under the turf as it will entrap water, causing other problems.

Step 3: Compacting Base

Place base material over the weed barrier and compact it in 3"-4" increments. Water can be added to assist in compaction. Once again, use a 5000lb plate compactor to compact the base. The base material should be a crushed gravel that varies in size from ¾" to dust and may be fortified with a small amount of cement to stiffen after installation. Ensure you slope the base away from the house and towards drainage area.

Step 4: Turf Layout

Ensure to measure the project area and carefully design the layout to minimize the number of seams in the turf. Unroll the turf and stretch across the top of the prepared base. Make sure not to drag it across. If the synthetic turf has a wrinkle; allow it to acclimate in the sun. Due to the natural direction of the turf blades, separate pieces of turf must be laid in the same direction.

Step 5: Turf Cutting

Cuts can be made using a long pile carpet cutter or a carpet knife. All cuts must be made from the backside of the turf. This will ensure you see the stitched rows.

Step 6: Secure the turf

Secure the turf by staking the edges with 6 inch nails. Place the nails six inches apart. Nails used in the field should be applied as necessary to prevent movement of turf.

Step 7: Seams

You can choose the seam 2 straight edges together or use the "S" cut method using a custom stencil. Either way, make sure the stitch lines match so the seams will be practically unseen. The "S" cut method is a more advanced process, but may give you a more natural appearance. Once you have your seams cut, straight or "S", pull both pieces of turf back exposing the base. Place the seam tape with half of the tape under each cut. Use a synthetic turf adhesive and apply to the seam tape. Fold the two sections of artificial grass over seaming material to form one seamless piece. Secure seams with U-nails spaced six inches apart.

Step 8: Tucking Turf Edges

Tucking the turf involves hiding the edges of the turf against any hardscape or edging boarder by using a wonder bar. The side edges of the turf give it a good clean plush look.

Step 9: Applying Filler

Spread Wonderfill material evenly utilizing a drop spreader (the type commonly used to spread grass seed), or a flat. Do not attempt to install the infill material while the synthetic grass or the infill material is wet. Once all sand is spread evenly on top of turf it will need to be broomed into the turf fibers. Use a power broom to brush up turf fibers and let the sand work in between the turf blades. When the infill process is complete, water the entire area evenly with a hose to settle the material. This acts as a balance to hold the blades upright and gives the turf more weight.

Step 10: Final Groom

The final grooming step involves power brushing the turf once again, lightly, to force the wonderfill granules into the base of the turf for settling and optimal stability.

CLEANING & BRUSHING

Use a rake or leaf blower to clear off fallen leaves, branches, and other rotting debris that may land on top of their artificial turf. Regularly remove these materials. Spray down your artificial turf surface with a hose to remove dust.

Artificial turf is safe for pets and cleaning up after your pet is easy. Use a pooper-scooper to remove the feces from the turf. Following pickup, hose down the area that has been exposed to feces or urine. Brush your turf with a stiff broom to keep the blades standing up

DON'TS

Be sure not to expose turf to any extreme heat that can be created by reflective glass. This may magnify the sunlight and burn the turf. Keep any kind of flames away from the turf.

straight. Areas exposed to high traffic may require more brushing. Brush the grass against the grain in high traffic areas. Brushing against the grain will help avoid matting.

Never use a power washer. It is recommended to use a hose with sprinkler or spray nozzle, this will allow the water to drain.