



# Helpful Guide to Install Artificial Grass

## **Tools:**

Utility Knife

Shovel or Rake

Stiff Bristle Push Broom

Stamper

Infill

Landscape Stakes

Tape Measure

Artificial Grass (15” width is minimum orders = standard cut)

## **Design Phase:**

**Measurements:** Measure the project area carefully. Design the artificial grass layout the best option to minimize the seams of the turf.

**Existing Landscape Elements:** Are the planters with concrete borders? Any Trees in the yard? Are you installing border materials or pavers? Install it prior to cutting artificial grass so you will accurate measurements of artificial turf.

**Irrigation:** Do you need sprinkles for trees or plants? The irrigation should be completed prior to the installation of artificial grass. Be careful and identify irrigation lines and electrical as you are preparing your artificial grass installation.

**Drainage:** Is your existing drainage system adequate? You may need to add extra drains or modified your drainage system.

**Future Obstacles:** Determine if supplies are needed to prevent damage from rodents. Secure the perimeters so pets do pull up the artificial grass

**Design Tip:** Artificial Grass has a same grain direction. Installing artificial grass in opposing grain pattern will result into visible seams.

## **Ground Preparation:**

**Material Removal:** Remove all unwanted grass, vegetation, large rocks, mulch and unwanted tree roots

**Underground Hazards:** Locate all irrigation pipes, sprinkler heads and electrical conduits. Cap off or remove all unwanted irrigation system and verify that irrigation works. Do the same with all electrical, such as yard lights.

**Base Preparations:** The installation of the base is crucial for artificial grass installation. A layer of 3/4 of crushed granite (or rocks) must be spread evenly over the desired area. The base material should be spread evenly. Grade and Level to meet the design and drainage requirements.

Lightly wet the project area and compact the base with a compact roller. Continue this process until the project area is smooth and firm to eliminate unwanted bumps under the artificial grass system.

Artificial Grass blade must be 1/2" above surrounding hardscape. Add the height of the blade to the depth of the compacted base material to calculate the material that is needed to be removed around the edges. The project can have a slight grade due to drainage requirements.

## **Artificial Grass Installation**

Unroll the artificial grass and stretch over the prepared base. Double check the direction of the grain and do not drag the artificial turf over the prepared base.

Cut the artificial grass to fit the project area. Cut from the back side or the artificial turf to view the stitch rows.

**Artificial Grass Cutting Tips:** Complete cutting before seaming of the artificial grass.

Cut in small increments when cutting around curved edges.

**Seaming:** If artificial grass seaming is required, trim the edge of each piece so the seams are very straight. Lay the turf adjacent to each other and double check that the stitch lines match. If this is accurate the seams will be nearly invisible.

Place both ends of the turf together, line up the stitches and fold back the edges of the artificial grass to lay the 6" seaming material under the turf sections. Apply weather resistant adhesive using a zigzag pattern. Fold the two sections of artificial grass down together over seaming material to form one seamless artificial grass.

Secure the artificial grass around the seam with landscape stakes; Tip: alternate sides every 6" and place weight on the seam to hold the artificial grass in place while the glue is drying.

## **Artificial Grass Edges and Borders:**

To secure artificial grass at the edges, use 6" or 7" stakes along the perimeter about 12" apart. If you are using Polyboard as a border, use an air gun to attach the artificial grass.

Turn on irrigation to double check that all desired sprinklers are either working or capped off.

Confirm that electrical lighting is working

All repairs must be completed prior to infill work of the artificial grass.

## **Artificial Grass Infill Installation**

Infill is an essential part of the installation process as the infill materials supports and protects the artificial grass fibers from elements while maintaining the blade structure.

The infill material must be spread evenly by utilizing a drop seeder. Do not dump the infill in large quantities on the turf as it will be difficult to disperse it evenly.

Do not install infill material when the artificial grass is wet, the infill will clump.

Distribute the infill material evenly over the artificial grass and brush the artificial grass upright with a stiff bristled broom or carpet rake. Be careful not to trap the turf fibers under the infill.

Repeat the process until the infill material is evenly spread and no more than 3/4" of artificial grass fibers or 1/2" of the blades are exposed above the grass.

**Caution: Too much fiber exposed (not enough infill) will cause the fibers to mat or crush with heavy foot traffic. This will lead to premature wearing of the fiber and will void the manufacturer's warranty.**

When the infill is complete; water the area evenly to settle the material. If infill needs to be adjusted wait until the area is dry and the infill can be readjusted.

**Periodic brushing and rinsing will keep your Green-R Turf artificial grass looking fresh, natural and beautiful for years to come.**

# **Helpful Guide to Artificial Grass Care and Maintenance**

## **Routine Maintenance:**

Use a Leaf Blower or a rake to remove organic materials.

Use a natural bristle broom to spice up the high traffic areas.

Check edges for weeds. Remove and/or use pre or post emergent to control growth

If the infill is disturbed after a heavy rain, let the area dry, remove the surface debris and fluff the area with a broom. This will redistribute the surface infill.

## **Spot Cleaning or Disinfecting**

Sticky spills should be rinsed thoroughly to keep dirt from sticking.

Food waste should be removed promptly to avoid attracting pests.

Paint may be removed with paint thinner or other suitable paint removing products. Be sure to rinse afterward.

Use ice to remove gum from surface.

## **Pet Clean-Up**

Remove solid waste normally. Remaining waste can be washed off with a hose. In order to avoid disturbing the infill, do not aim the stream directly at the grass.

To clean away waste and eliminate odors during dry weather, dampen the area that your pets use with water or a combination of water and enzyme based cleaners, such as Nature's Miracle.

For further information download of Artificial Grass Care and Maintenance Guide