

A GREEN FOR EVERY DREAM.

on the **green**[™]
by Tarkett Home

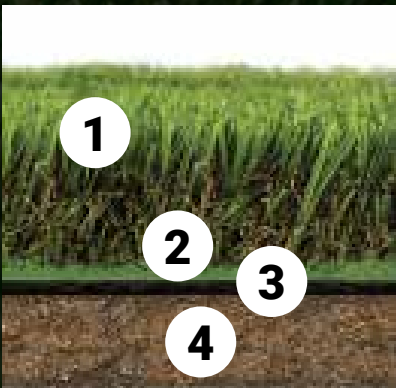
Installation Manual

SYNTHETIC GRASS
INSTALLATION TIPS



 **Tarkett**
Home

INSTALLATION INSTRUCTIONS



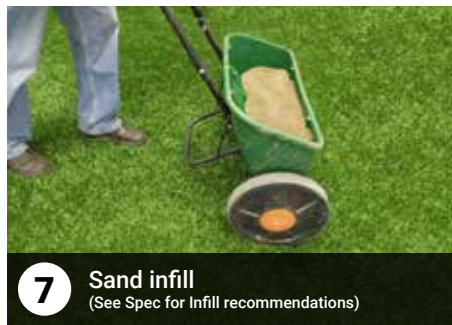
1. ARTIFICIAL GRASS
2. INFILL
3. BACKING
4. COMPACTED BASE

Suggested Equipment List

- Utility Knife
- Shovel
- Rake
- Tape Measure
- Stiff Bristled Push Broom
- Hand Tamp
- Sand Infill: Used With Drop Spreader (See Spec for Infill Information)
- Perimeter Spikes
- Seaming Tape

Optional (For rodent control)

- Galvanized Mesh
- Landscape Fabric Staples





1

DESIGN PHASE

A Drainage

Will the project area require additional drains, modified drains, grading, or sloping? Make sure that the existing drainage system will be adequate.

B Soil Condition

Will you need to wet or soften the ground? Use a jackhammer to remove large rocks. Rain-soaked soil may need a few days to dry before work begins.

C Irrigation

Are there sprinklers or bubblers for the remaining trees and plants, or does irrigation need to be finished first? Identify all irrigation lines and electrical conduits below ground that could be damaged.

D Preventing Future Damage

Determine if additional supplies are needed to prevent damage from rodents. Galvanized mesh may be appropriate. Is there a dog that could pull up the artificial grass? If so, then the entire perimeter should be secured with bender board or treated lumber.

E Existing Design Elements

Is there a concrete border? Will you need to nail into concrete footings? If you are using curbing, edging, or border materials, install them prior to cutting the artificial grass, as this will give you a more accurate measurement.

F Measurements

Measure the project area carefully and design the layout to minimize the number of seams.

G Design Application

All artificial grass products have a grain direction that must be taken into account. Note the grain direction and install all sections in the same grain pattern. Installing artificial grass in opposing grain patterns may result in noticeable seams.

2

GROUND PREPARATION

A Underground Hazards

Irrigation and electrical lines may be located just under the surface of the project area. Locate all irrigation lines, including sprinkler heads. Cap off or remove all unwanted irrigation. Test for leaks and verify that everything works correctly before you start. Do the same with any existing electrical features.

B Soil Condition

Remove all unwanted grass, sod, vegetation, unwanted tree roots, mulch, and large rocks. Grade the sub-base.

C Base Preparation

Preparing the base surface under the artificial grass is critical to maintaining the stability and integrity of the grass system. Add a layer of 3/8" crushed stone (also called Class 2 road base, decomposed granite, or chat). A general rule of thumb is one yard of crushed rock per 100 square feet of artificial grass to be installed, provided that three to four inches of existing landscaping are removed.

D Base Material

The base material should be spread evenly. Grade and level to meet design and drainage requirements. Shape to desired appearance: flat, slight roll, or mounded.

E Project Area

Lightly wet the project area and compact the base material with a roller compactor or plate compactor. Continual passes over the project area are required until a compaction rate of 90% or greater is achieved. When dry, the project area should be smooth and firm to eliminate unwanted bumps under the grass system.

F After Base Installation

After the base is installed, finish the sub-base 1/2" below the surface of any surrounding hardscape. When you add infill later, the infill will build up inside this 1/2" of turf below the hardscape.

G If Required

Install galvanized mesh at this time. Install mesh over entire sub-base area, with one square overlap. Secure the wire to the ground with landscape fabric staples.

H If Required

Install bender board or treated lumber along the perimeter.



Grass Removal



Spread the Base



Compact the Base



Completed Base

3

ARTIFICIAL GRASS INSTALLATION

- A** Unroll the artificial grass and stretch it across the top of the prepared base. Do not drag grass across the prepared base. If the grass has a wrinkle, lay it flat on a flat surface in the sun. Be sure to have the grain direction of each roll facing the same direction.



- B** Cut the grass to fit the project area with a utility knife. All cuts must be made from the back side of the artificial grass to see the stitch rows. Complete cutting before any seaming.
- C** When cutting curved edges, cut in small increments to match the design. Using a marker pen to draw lines on the back side of the grass is recommended.
- D** If seaming two grass rolls is required, trim the edge of each piece so that they are completely straight. Once the edges of each roll are straight, lay them adjacent to each other on the base in the desired position. Make sure that the stitch lines match. If the cuts are straight and the tuft lines match, the seams will be more difficult to detect.
- E** Place both ends of the grass edges together, line up the stitch lines and fold back the edges of the artificial grass sections to lay the seaming material underneath the grass sections. Apply seaming adhesive. Fold the two sections of grass down together over seaming material to form one seamless piece of grass.
- F** Secure the seam with landscape staples every 6" to 8" or alternate spikes on each side every 6". Place weight on the seam to hold the grass in place while the seam bonds.
- G** Attaching the grass to the border:
- If there is treated lumber around the border, then nail the grass to the treated lumber every 3" to 6" with recommended nails.
 - If installing bender board, use a pneumatic stapler to attach the grass.

H If perimeter material is not used, use landscape spikes to secure the artificial grass at the edges. Space the spikes along the perimeter edges approximately 12" apart.

I Turn on irrigation to check that all sprinklers heads are capped and pipes have not been punctured. Check all electrical lighting. All repair work must be completed prior to adding infill to the artificial grass.



Roll out turf



Cut turf to fit project area



Secure the perimeter.

INSTALLATION MATERIALS

ACCESSORIES



Seaming Tape

Seaming tape to connect two sections of turf together. Used in conjunction with TurfGrab™ seaming adhesive.



TurfGrab™ Seaming Adhesive

Available in a 1 gal pail applied by trowel. Used in conjunction with seaming tape.

INFILL PRODUCTS



Coated Sand Black/Green

Black and green coated sand, used primarily on putting greens as the final top-dress layer to provide a finished look to the turf product. Available in a 50 lb bag.

UNDERLAYMENT



Drainage Tile

Interlocking drainage tiles for use on solid surfaces to allow drainage through the turf and tiles. Suggested for concrete surfaces or rooftop applications. Individually sold.

PUTTING GREEN PRODUCTS



Putting Cup

Regulation metal cup for putting green applications. Individually sold. Also available in plastic.

Putting Green Flagstick w/ Retriever

Short putting green flagstick with t-handle to be used in conjunction with a putting cup and a putting green flag. Individually sold.



Putting Green Flag

Plain white putting green flag to be used in conjunction with a putting green flagstick and a putting green cup. Individually sold.



Putting Green Pad

The putting green pad is designed to provide the perfect cushion and realistic feel of a natural putting green. Crafted from high-quality urethane foam and measuring .25 inches thick, it ensures optimal support and comfort.

A **green** for Every Dream





Tarkett North America

www.TarkettHome.com



Connect with us
@ TarkettHome



Scan this code to visit
www.TarkettHome.com/Turf

on the **green**[™]
by Tarkett Home