



**GOLDENVALE**<sup>®</sup>  
SYNTHETIC TURF

**877-657-TURF**

[WWW.GOLDENVALETURF.COM](http://WWW.GOLDENVALETURF.COM)

# SYNTHETIC GRASS

INSTALLATION & REFERENCE GUIDE



An Outdoor Living Supply™ Brand



# FACTS YOU NEED TO KNOW

## Weather

Our turf gets installed in the mountains, where rain and snow drain very well with no flooding issues. Wind is not a worry if the installation has been done properly. In the hot Southwest part of the United States, the grass can get quite warm to the touch during the midday direct sun. The grass does not retain heat in the shade or darkness like rock does. The turf can easily take even the hottest direct sunlight without damage providing that there isn't any strong reflection or sun magnification.



## Pet Odor

The best solution for getting rid of pet's smell is to use Zeolite. It works as a molecular sieve creating a cation exchange which occurs when two or more positively charged compounds or elements exchange places on a negatively charged host. This exchange process removes charges and essentially removes ammonia in pet waste.

Contact us to order Zeolite. It is a best pet odor control product on the market.

Hosing down an odorous area with our synthetic grass Pet Odor Neutralizer is the most effective way to eliminate pet odor.

## Reflection of Sunlight

Beware of highly reflective windows. In certain conditions, sunlight hitting these windows can create a "magnifying glass effect" that acts much like a laser and will melt your turf. The coating on the outside of the window will prevent this.





# GOLDEN VALE<sup>®</sup>

SYNTHETIC TURF

Golden Vale cares about the environment and we are proud to contribute to the greening of our planet earth. Our lead-free synthetic turf products are safe for both humans and animals and ideal for residential and commercial landscapes, playground and sports fields. Our products have passed vigorous tests and far exceed government standards (Test results provided upon request).

Our product line ranges from 40oz to 102oz (face weight) with variable color/share selections. We provide a 10-year warranty (turf only) with a 20-25 year projected life under normal use.

PUTTING GREENS



PETGRASS



PERFORMANCE SERIES



SPORTS FIELDS



# TOOLS REQUIRED FOR SYNTHETIC TURF INSTALLATION



Plate Compactor



Wheel Barrow



Power Broom



Shovels & Picks



Drop Spreader



Blower



Grading Rake



Carpet Knife & Scissors



Turf Groomer



Staples & Nails

Turf Super Glue  
(optional)



Hammer



Measuring Tape



Carpet Stretcher

## SITE BASE MATERIALS



Drain Rock



Decomposed Granite

## INFILL MATERIALS



Silica Sand



ZeoLite



Green Sand



WonderFill



# SITE BASE PREPARATION

1. Remove 3 - 4 inches of existing sod and/or dirt. Cap and/or remove any sprinklers. Be sure to set a rough grade for drainage.
2. Install wire mesh (optional).
3. Lay 2 - 2 ½ inches of drain rock, hose down, then using a vibrating plate compactor, compact to 90%.
4. Lay 1 – 1 ½ inches of either class II road base or decomposed granite.
5. Hose down and then use a vibrating plate compactor to compact to 90%.
6. Lay the weed barrier fabric over road base or decomposed granite. This step is optional. Landscape fabrics have their pros and cons. If the soil beneath your installation is "alive" and weeds are wildly grown prior to installation, it might be a good idea to protect your lawn from weeds with weed barrier fabric. In many case scenarios, there is no big need in weed protection, and you can install turf right on top of decomposed granite without adding extra layers.
7. Make sure base surface is as level and as smooth as possible.
8. Create a slight grade for optimal drainage.

# SYNTHETIC TURF INSTALLATION

**CAUTION:** Turf should be rolled out under the sun at least 1-2 hours before installation. This will allow the turf to acclimate and as a result make it easier to work with.

1. Lay out turf onto base and position where needed. Using a carpet knife/razor knife, cut off excess turf on the backside (3 stitches in from sides). Cut turf (on backside) to fit area.
2. Fasten one end with 40D or 60D Bright Common nails or of 5-6 inches in length, spaced 3-4 inches apart along the edges. Stretch turf and fasten with nails as you move across to the opposite end. Place a nail every 12-24 inches throughout center and every 3-4 inches along the perimeter.
3. Fasten seams together by using 11 gauge 6"x1"x6" staples spaced 4 inches apart along the seam. Do not countersink staples.

**Note:** Be sure the seams are taut and precise, the grain of the turf is all facing in the same direction, and the space at the seam is the same as the stitching gauge.

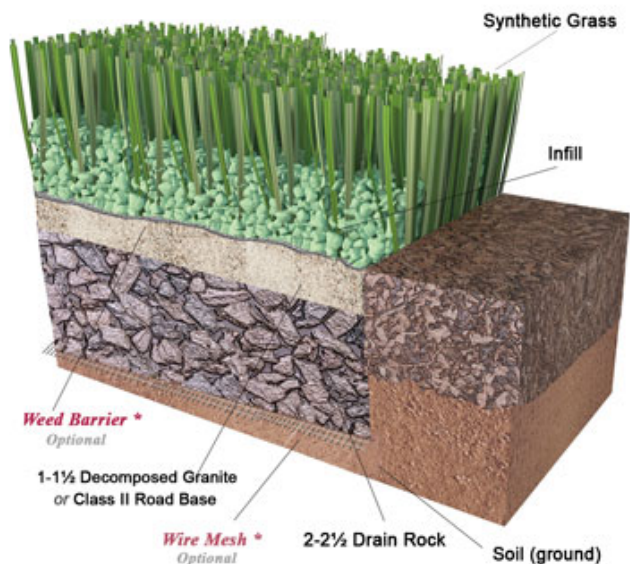
You can use seaming glue to secure seams. To seam together, align two pieces of turf edge-to-edge. Fold back the edges to lay seaming tape the length of the seam. Secure the seaming tape in place. Apply seaming adhesive to the tape, spreading to a consistent thickness. After a few minutes, slowly ease the two edges back together.

4. After turf is installed, power broom before applying infill. Apply infill onto turf using a drop spreader.

Spread infill as evenly as possible with a grading rake or broom until infill settles into the base of the turf.

**Note:** Never use regular sand for infill.

5. Hand or power broom again so that the blades are standing straight up. Use carpet scissors to trim off the excessive turf blades. Clean the surrounding area with a blower or a broom.



## TIPS FOR PROFESSIONALLY-LOOKING INSTALL

Prior to installation lay turf out under the sun for at least 1-2 hours to allow turf to acclimate. This will make the backing less stiff and the turf easier to be broomed up. Always stretch and install turf taut. One yard of base materials will cover 80 square feet at 4 inches depth (1 Yard = 1 Ton). Do not overlap seams. Never drive nails into base too far because this will create a noticeable dip.

Always hand or power broom turf prior to filling.

Always run grain of turf in the same direction. Use a 2x4 (straight line installation) or 1x2 (curve line installation) of synthetic or pressure treated wood bender board around the perimeter of turf area to frame and protect the turf from soil and debris.

Use only manufacturer recommended infill materials. Infill amount will vary. A 100 lb. bag of infill will typically cover a 60 sf. of turf.