

# EMERALD CARPET SYNTHETIC TURF INSTALLATION GUIDE





## 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. Lay 3-4 inches of either Type II road base or white chat. Using a plate compactor, compact base to 90%. Be sure base surface is as level and smooth as possible. Create a slight grade for optimal drainage. (For Pets: spread a layer of Turfesh on top of base at 1/2 pound per sq. ft. and compact).



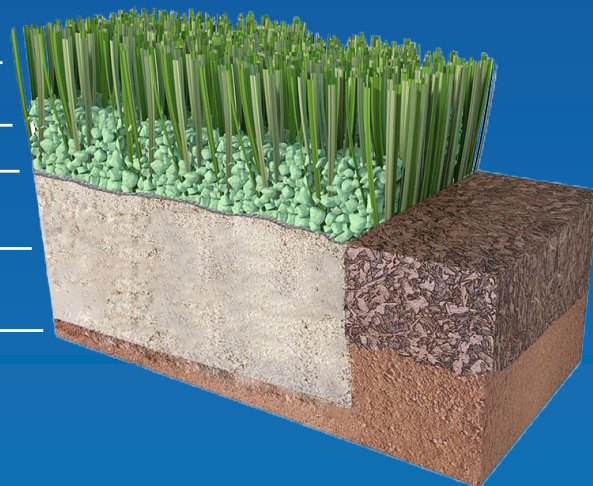
3. Install weed barrier (fabric), overlapping seams 6-12 inches. Secure to base with 40D nails or landscape staples. \*Optional: if in an area where soil shifts or expands when saturated with water install weed barrier underneath base. By installing the barrier beneath, the base materials on top will retain better compaction integrity, should such soil conditions exist.

## Required Tools

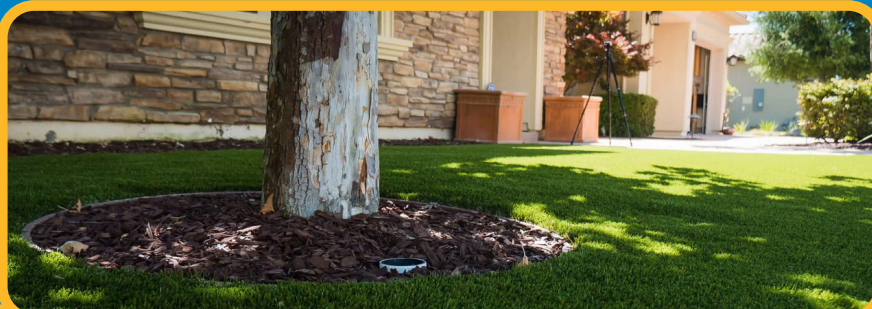


## Tips For A Professional-Looking Installation

Emerald Carpet Synthetic Turf  
Infill  
Weed Barrier  
White Chat Base (compacted)  
Soil (ground)



1. One yard of base material will cover 80 sq. ft. at 4" depth. (1 yd. = 1.3 tons) Order a couple of extra yards.
2. Unroll turf and allow to acclimate for two hours prior to installation.
3. Always stretch and install turf tight.
4. Do not overlap seams.
5. When nailing, be sure no blades or thatch are stuck under nail head.
6. Never drive nails into base too far, this will create a noticeable dip.
7. Always power broom prior to filling.
8. Always run grain of turf in same direction.





## Turf Installation

**Remove all dirt & debris from surface of weed barrier prior to turf installation.**



1. Turf should be rolled out at least 2 hours before installation. (This allows it to acclimate, making it easier to work with.)



2. Lay out turf onto base and position where needed. Using razor knife, cut off salvage (the black & red part along the sides of the turf)  
- 3 stitches in from sides.



3. Cut turf (on backside) to fit in area.



4. Fasten one end with 40D or 60D nails, spaced 3-4 inches apart. 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 perimeter.



5. Fasten together any seams using 40D nails, spaced 1-2 inches apart. (Do not counter sink nails along seams) Use turf tape to secure seams. Apply tape lengthwise to bottom side of turf, leaving 3" stuck to turf and 3" hanging off. Lay turf back down (tape should be sticky side up - do not peel away liner) and secure opposite piece of turf to tape. Note: Be sure seams are tight and precise, and that the grain of your turf is all facing the same direction.



6. Power broom before infilling. Using a drop spreader, apply Turfill, Wonderfill and/or Turfresh onto turf. If you don't have a spreader, shovels or wheelbarrows can be used - just spread as evenly as possible. (Refer to Chart 6A for the amount of infill required)



7. Power broom again to spread around infill and work it into the turf. Broom as much as needed to work in the infill and get the blades standing straight up.

8. Clean up surrounding area with blower and/or broom.

### 6A EMERALD CARPET SYNTHETIC TURF

Product Name/ Total Weight	Icon/77 oz.	Anthem II/95 oz.	Siena/97 oz.	Plush/115 oz.	Encore/117 oz.	Putt/77 oz.
Pounds of Turfresh and/or Turfill per sq. ft.	1-2 lbs.	1-2 lbs.	1-2 lbs.	1-2 lbs.	1-2 lbs.	1-2 lbs.

\*1 box of 40D - 60D nails per 600 sq. ft. of installed product





Star Nursery distributes only the finest Synthetic Turf Product available. We pride ourselves on providing installation contractors with up to date product information, tools and accessories necessary to complete professional installations.

#### **Emerald Carpet Icon**

- Color: Field/Olive w/Tan Thatch
- Yarn: Polyethylene
- Face Weight: 50 oz.
- Pile Height: 1.62"

#### **77 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Landscape, Fringe
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



**Emerald Carpet Icon**

#### **Emerald Carpet Anthem II**

- Color: Fescue w/Green Thatch
- Yarn: Polyethylene
- Face Weight: 68 oz.
- Pile Height: 1.75"

#### **95 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Landscape, Fringe
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



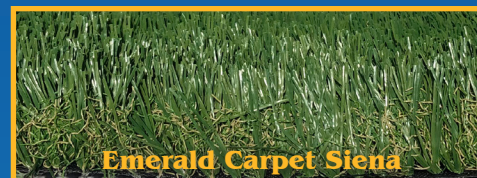
**Emerald Carpet Anthem II**

#### **Emerald Carpet Siena**

- Color: Fescue w/Tan Thatch
- Yarn: Polyethylene
- Face Weight: 70 oz.
- Pile Height: 1.75"

#### **97 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Landscape, Pets, Fringe
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



**Emerald Carpet Siena**

#### **Emerald Carpet Plush**

- Color: Emerald Green
- Yarn: Polyethylene
- Face Weight: 90 oz.
- Pile Height: 1.75"

#### **115 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Landscape, Pets, Fringe
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



**Emerald Carpet Plush**

#### **Emerald Carpet Encore**

- Color: Fescue Stemgrass
- Yarn: Polyethylene
- Face Weight: 90 oz.
- Pile Height: 1.75"

#### **117 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Landscape, Pets, Fringe
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



**Emerald Carpet Encore**

#### **Emerald Carpet Putt**

- Color: Two Tone Putt
- Yarn: Polyethylene
- Face Weight: 50 oz.
- Pile Height: 0.5"

#### **77 oz. Total Weight**

- Infill: 1-2 lbs. per sq. ft.
- Use: Putting Green, Indoors
- Backing: 2 layers Polybac w/ 20 oz. Urethane
- Warranty: 15 year manufacture



**Emerald Carpet Putt**



**Questions?**

**Call your local Star Nursery\***

**Or email**

**housecalls@starnursery.com**

*\*House call fee applies*

**www.starnursery.com**