

# Envirofill – Premium Infill for Artificial Grass & Putting Greens



## For You and Your Pets

Earth-friendly infill that you and your pet will LOVE...

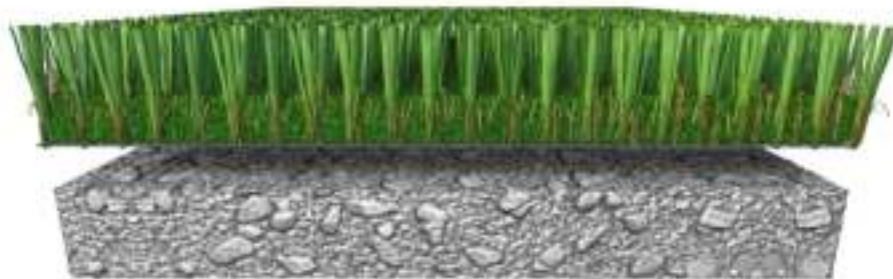
**Microban® significantly reduces pet urine odours by up to 99%!**



Key points about this brilliant product...

- When a pet's body processes nitrogenous compounds, one of the by-products is ammonia.
- Since ammonia would be harmful, the body converts the ammonia to urea which is then expelled
- When the urea is expelled onto the synthetic turf infill, naturally occurring microbes begin to break it down
- The result of the break down is two molecules of ammonia and one molecule of carbon dioxide
- Envirofill® infill is infused with Microban Antimicrobial Technology to help reduce the creation of ammonia

And the coating is guaranteed for 16 years so only requires a **SINGLE APPLICATION...**



**A different kind of infill**

Envirofill is composed of naturally occurring sand found only in the Hickory Formation of central Texas. Its highly-rounded quartz core resists compression so it doesn't continue to compact over the life of your lawn, promoting better drainage

**Inhibits pet urine odour**

Microban significantly reduces pet urine odors by up to 99%. Microban has been scientifically proven to disrupt the bacteria process that converts pet urine into ammonia odour. So be assured, the dog can go about it's business worry-free.

**It's reusable**

Because of its superior durability, Envirofill's coating and color are warranted for 16 years. When your turf wears out and needs replacement, Envirofill has the potential to be reused in your new turf.

**It's cleaner**

Microban antimicrobial protection is infused into Envirofill during the manufacturing process to help prevent the growth of bacteria, mould, and mildew that can cause stains, odours, and product deterioration.

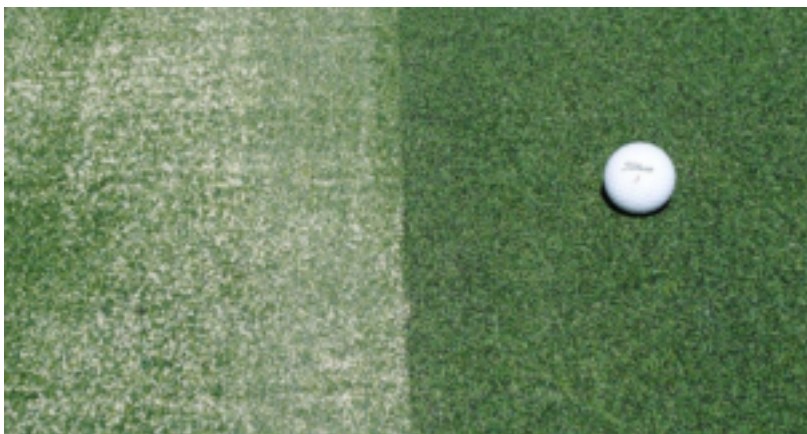
**"Having a dog & a newborn child, Envirofill was the obvious choice for my family...."**

Tom, Homeowner

Non-toxic and completely reusable, Envirofill® makes artificial turf look and feel great. Microban® antimicrobial product protection works continuously to help prevent the growth of bacteria, mould, and mildew that can cause odours and stains.

## For Your Putting Green

Envirofill® keeps your putting greens performing better longer. It's durable, reusable, and with built-in Microban® technology, it's resistant to stain-causing bacteria. Because it's non-compacting, it will help your putting green perform its best year after year.

**Finishing touch**

Envirofill adds a realistic look to your putting green. The special blend of black and green mimics a natural surface, leaving everyone impressed

**Consistent speed**

Envirofill's highly-rounded quartz core resists compaction so the green's speed stays more consistent

**Fights against mould and mildew**

Microban antimicrobial protection is infused into Envirofill during the manufacturing process to help prevent the growth of bacteria, mould, and mildew that can cause stains, odours, & product deterioration.

**Easy installation**

Putting green turf can be very dense and difficult to infill. With its rounded shape, uniform size and smooth surface, Envirofill quickly settles into the turf saving you time, effort and aggravation.

## Mineral Infill Comparison

Features	Zeolite	<b>envirofill.</b>
Angular, Dusty, Porous	<b>Yes</b>	<b>No</b>
Smooth, Round, Hard shell	<b>No</b>	<b>Yes</b>
Abrasion Index - Propensity to abrade turf fibres	<b>Medium to Low</b>	<b>Low</b>
Compacts over time	<b>Yes</b>	<b>No</b>
Blends with colour of turf	<b>No</b>	<b>Yes</b>
Absorbent	<b>Yes, absorbs 1% of its weight</b>	<b>No</b>
Anti-Microbial Properties	<b>No</b>	<b>Yes</b>
Maintenance Requirements	<b>Medium to High</b>	<b>Low</b>
Reusable	<b>No</b>	<b>Yes</b>
Life-Cycle Costs	<b>Medium</b>	<b>Low</b>
Application Versatility	<b>Medium</b>	<b>High</b>
Health and Safety	<b>Good</b>	<b>EXCELLENT</b> <b>No silica dust, No Leaching or Off Gassing; Inert</b>
Drainage	<b>Low (absorbs and compacts overtime)</b>	<b>Excellent</b> <b>Will not absorb or compact</b>
Warranty	<b>0-5 Years</b>	<b>16 Years</b>
Breaks Down Over Time	<b>Yes</b>	<b>Yes</b>
Good for Lawns & Pets	<b>Yes</b>	<b>Yes</b>
Good for Putting Greens	<b>No</b>	<b>Yes</b>
Good for Playgrounds	<b>No</b>	<b>Yes</b>
Good for Sports Fields	<b>No</b>	<b>Yes</b>

## Envirofill Technical Specification

### SECTION 321818 - SYNTHETIC TURF

#### INFILL MATERIAL

The synthetic turf infill material shall be specifically designed and manufactured for Landscape use. It shall be rounded and highly uniform quartz sand pigmented and sealed with an acrylic polymer and have the following properties:

1. The silica sand shall have a Coefficient of Uniformity of  $\leq 1.3$ .
2. The roundness as measured by the Krumbein Shape Scale shall be 0.7+.
3. 98% of the particles retained on US standard sieves 12 through 20.
4. The coated particles shall be smooth to resist mounding and compaction and have an angle of repose of 30% or less.
5. The finished product shall be 100% coated, shall repel water, be non-flammable and have <0.5% dust content.
6. Product shall be infused with Microban<sup>®</sup> during manufacturing to provide continuous antimicrobial protection

7. Product shall be exempt from Prop 65 warning requirements.

8. Color: Green

9. Product to be Envirofill<sup>®</sup> manufactured by USGreentech, L.L.C. or approved equal

**Full Safety Data Sheet available on request**

**General Notes & Typical Requirements:**

Envirofill is delivered via pallet delivery in most cases

Each 22.5kg bag of Envirofill covers approximately 3 sqm of landscaping artificial grass

Envirofill should be applied with a drop spreader and brushed into the pile of the grass



**For more information on Envirofill contact us now:**

Call 01825 729389 for residential/homeowner enquiries

Email [homeenquiries@perfectlygreen.co.uk](mailto:homeenquiries@perfectlygreen.co.uk)

Visit [www.perfectlygreen.co.uk](http://www.perfectlygreen.co.uk)

