

Sure, it's just coated sand. But even though it seems so simple, our infill is the result of a complex manufacturing process and plays a critical role in the performance of your synthetic turf surface. We get lots of questions about infill, and we hope we've answered most of them here. If not, contact a rep and we'll be happy to help you. After all, we wouldn't want you to hide your head in the sand!

How does Envirofill benefit a synthetic playground surface?

To begin with, and parents will love this factor the most, Microban fights against bacteria, mold, and mildew in the infill. Parents will appreciate that the infill does not cling to clothing so it won't track into buildings and all over the car or home. And kids will appreciate that Envirofill's heat reducing properties can help to lower the synthetic surface temperatures as much as 25%. Envirofill is also void of any volatile organic compounds, and is non-flammable.

The rounded shape is very easy on the turf. Playgrounds have areas of high foot traffic – under swings, end of slides, etc. Using angular sand can grind on the fibers causing premature breakdown of the turf blades. Envirofill is easy on the turf. Envirofill also acts as a ballast to help hold the turf in place.

How many pounds of Envirofill per square foot in a playground turf system?

With a playground turf system, two turf characteristics will greatly affect the amount of Envirofill needed per square foot: turf density and pile height. Most playground systems require 2-2.5 pounds of Envirofill per square foot. Playground systems are typically quite dense, making it difficult to get an angular or lighter infill worked down into the turf profile. Envirofill, however, is rounded and has uniformity in its shape and size, allowing it to easily settle into the turf. An added bonus, Envirofill stabilizes the fibers, keeping them upright for a longer period of time. Upright fibers wear better, last longer and look better than non supported turf.

How does Microban work?

Microban protection suppresses the growth of microorganisms within the product it covers. When the product surface interacts with microbes, the Microban protection will permeate the microorganism's cell wall, thus diminishing the cell functions, and making the microorganism unable to grow and reproduce. The Microban protection doesn't end there. It continues to deter the growth of microbes that cause odor, bacteria, mold, and mildew. Microban has an added benefit of keeping Envirofill cleaner.

How durable is the coating?

The coating on Envirofill is extremely durable. It was designed to withstand the harshest elements. We are so confident in the coating that we have provided a 16-year warranty on the product's color and coating.

Envirofill has proven to have a very stable coating. The simplest test to prove its stability is to place the product in a jar of water and shake it. The water will stay clear. We put Envirofill through a number of accelerated wear tests which expose the product to UV rays through warm, cold, and wet cycles over 3,000 hours. The coating has proven to withstand these extreme temperature changes.

How long has Envirofill been around?

Envirofill has been in production since 2004. Envirofill was created with the idea that there must be a better way. While rubber is quite popular for sports applications, it is not ideal for landscape due to its color, shape, lightness and odor to name a few.

Where does Envirofill come from?

Envirofill is manufactured in our facility in central Texas, very close to the location where this unique type of sand is mined. Most sand is angular, but this particular type of sand is round. The larger sizes are ideal to make Envirofill.

