

Information Regarding Artificial Turf



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Introduction

Artificial Turf was originally developed to improve today's sports world. In 1962 the Chemstrand Company began to work on developing and testing a new surface to improve the sports world. In 1966 the AstroDome in Houston Texas was the first stadium to install and play with the synthetic turf, giving the turf its modern name Astro Turf. Since then there have been many modifications and new applications for artificial turf.

ARTIFICIAL TURF SPECIFICATIONS

There are many applications for artificial turf; it can be used for sports and recreation, home uses, and commercial uses. The specifications on the artificial turf varies depending on what the turf will be used for.

There are many choices you must consider when purchasing a synthetic lawn such as, what the turf is made of. There are three main materials which make up artificial turf which include polypropylene, polyethylene, and nylon. The three are listed in order of strength and resilience, polypropylene being the weakest turf, and does not seem to be used often. The nylon turf is the strongest and most resilient of the three and is the most popular turf that is purchased.

Artificial turf can be created to match specific species of grasses including Bermuda, Zoysia, and Carpet Grass. This opens up a wide area of applications for artificial turf including home uses, and pet uses.

Cost Estimates

Since there are many types of artificial grasses to choose from there are many different prices. The price of artificial turf varies from \$1.40 to \$5.00 per square foot.

Distributors

Lowes

Lowes offers a price range from \$3.50 to \$4.00 per square foot depending on the style and quality of the turf.

OnDeckSports.com

On Deck Sports offers artificial turf from \$1.40 to \$4.80 per square foot. On Deck Sports offers one of the grates varieties of turf.

SynLawn.com

Call to receive quotes.

Syntheticurf.com

Call to receive quotes.



Maintenance

The artificial turf can be a big money saver when it comes to maintenance. Artificial turf will never grow, and will never need to be cut. The turf will also never need to be watered; however the turf does require some maintenance. The turf must be lightly watered and brushed once a month to remove any settled dirt and debris.

Research

Contacts

According to the contact made with the Cities located in the Rio Grand Valley, and other major cities in Texas, there are advantages the disadvantages. According to the Director of Planning for the city of McAllen they are experimenting with artificial turf on a local street in a small area that is implementing a traffic calming. McAllen school district has also installed artificial turf in the football stadium. However, the artificial turf is not approved for development applications within the city that require specific drainage retention standards.

The cities of Pharr and Weslaco are also planning on using artificial turf for their sports arenas, as many cities have already done so. Their reasoning is that they are better protecting the sports participants and, they are saving money on maintenance and water usage.

Websites

<http://www.usedartificialturf.com/>

<http://www.purchasegreen.com>

http://www.artificialturfsupply.com/custom_projects.html

<http://www.synlawn.com/do-it-yourself/care-and-maintenance/>

<http://www.syntheticurf.com.au/frequently-asked-questions/>

<http://inventors.about.com/od/astartinventions/a/astroturf.htm>

<http://www.aturf.com/index.php/artificial-turf/other-uses/>

Recommendations

The company SYNLawn.com has a wide range of styles and blends of artificial turf. They seem to offer a turf selection that can accommodate any need. The one issue with SYNLawn is that they are hard to contact and you must call to receive a price quote.



Work Cited

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