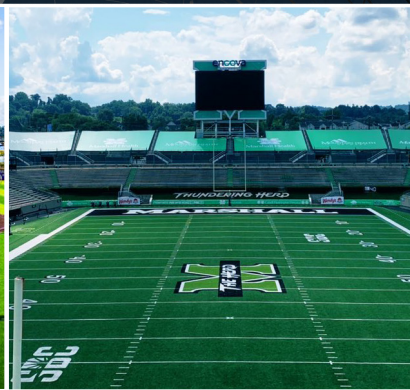


SINCE 1965
AstroTurf®

THE ICON THAT INVENTED THE INDUSTRY



ASTROTURF.COM

about **AstroTurf®**

AstroTurf — It's one of the most iconic brands in sports.

While everyone recognizes the name, not everyone knows the history!

AstroTurf borrows its name from the Houston Astrodome, where it was first used in a professional sports venue over Fifty-five years ago. The space race was in full swing. It was a time of palpable optimism. A certain belief that man could conquer the constraints of nature with ingenuity and forward-thinking progress pervaded. The Astrodome was built during this feverish pursuit of the impossible. It was the first domed stadium and it was a marvel of sports architecture.

There was a major problem, though. The clear Lucite panels that comprised the dome created a glare. Astros outfielders and their opponents were blinded as they attempted — and failed — to catch pop-ups. The initial solution was to paint the ceiling to cut the glare. It worked, but another problem arose. Deprived of adequate sunlight, the grass died!

Meanwhile, Monsanto had just invented a brand-new product they called “ChemGrass”. During the Korean War, the U.S. Army had found urban recruits to be less physically fit than rural recruits. Attributing this to lack of green space in cities, the Ford Foundation funded research for Monsanto to create a synthetic grass replica. The Astrodome brought Monsanto in to install ChemGrass. It was a great success, and Monsanto capitalized on the popularity of its high-profile installation to rebrand their grass replica. Thus the “AstroTurf” brand was born.

Over the half century since AstroTurf was first installed in Houston, technology has rapidly improved. AstroTurf® has continued to drive innovation within the industry and these days, AstroTurf® products come ever closer to replicating the feel, performance, and safety of the gold standard — natural grass.



about sportgroup

AstroTurf continues to build on its golden past as part of Sport Group!

Today AstroTurf® is owned by Sport Group. As a Sport Group company, AstroTurf harnesses its history of forward-thinking ingenuity and disciplined R&D to continuously improve its systems and to deliver playing surfaces with the best sport-specific performance, durability, and player protection.

Sport Group is today's true global sports surfacing giant, with manufacturing facilities around the world. Active in over 70 countries, Sport Group has installed more than 30,000 turf fields and running tracks. Sport Group was created by selective acquisitions of the leading turf, track, indoor and outdoor sports surface manufacturers. This amalgamation of innovation and technology also includes the manufacturers and marketers of key raw materials used in all aspects of the sports surfacing industry.

AstroTurf® is in the enviable position of enjoying a completely vertical and fully integrated environment, where all its ideas can be brought to life in a market hungry for innovation.

In addition to the turf fields AstroTurf® is famous for, we offer legendary Rekortan® running tracks as well as Laykold® hard court surfaces.



AstroTurf.

THE ICON THAT INVENTED THE INDUSTRY

ASTROTURF

research & **DEVELOPMENT**

AstroTurf has never rested on its laurels. A quest to bring our systems ever closer to the playability of natural grass drives us to place extensive reliance upon innovation and research. Today's cutting edge is tomorrow's dull blade, though, so there is no rest for our diligent engineers.

IN-HOUSE RESEARCH LABS

AstroTurf's world-renown in-house research and development laboratory relies on a broad range of testing apparatuses and methods. With full FIFA and FIH testing equipment and proprietary durability testing devices developed in house, we take every possible component – from fibers to infills to shock pads and more—to the breaking point. With more than 30 years of data to which we can compare, we know exactly how each system will perform in your field before it is manufactured and installed. Moreover, AstroTurf® researchers collaborate with their Sport Group counterparts around the globe to share insights that benefit athlete safety, field longevity, and athletic performance.

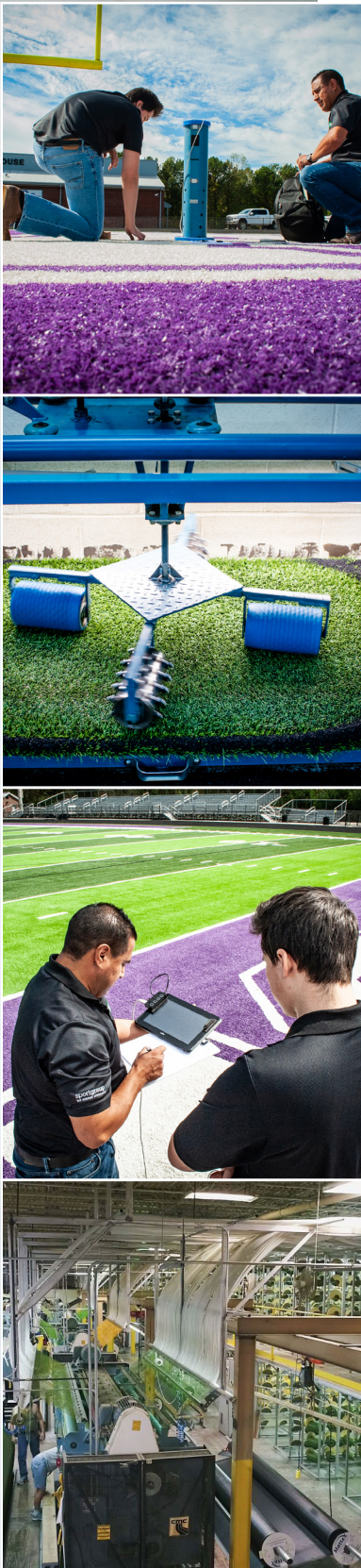
UNIVERSITY OF TENNESSEE CENTER FOR ATHLETIC FIELD SAFETY

This multi-million dollar investment by AstroTurf is a testament to the company's commitment to the industry and its clients. By building a state-of-the-art, multi-acre testing facility on the campus of the University of Tennessee and funding research to measure the performance and safety of both synthetic and natural turf, AstroTurf has contributed more to the body of knowledge surrounding athletic fields than any other company in our industry. Outcomes and collaboration with the UT Center for Athletic Turf Research inform our product design.

RESULTS-ORIENTED RESEARCH

The unceasing focus on AstroTurf and Sport Group companies to push the industry to the next level have created numerous advances. Our clients benefit from innovations found nowhere else, including:

- RootZone:** The RootZone, a texturized layer of fibers that draw down to encapsulate infill, results in minimal rubber splash, better shock absorbency, and less infill migration than basic systems. The RootZone improves safety, playability, and durability, making 3D systems the top choice for athletes and field owners alike. Importantly, independently funded research by Michigan State University has shown the RootZone to reduce torque transmitted to lower extremities.
- PreFab:** AstroTurf is the only company that provides prefabricated inlaying for football lines. With PreFab, we have trained installers inlay your field upside down from the back of the turf (for more precision) using a jig system installed in the floor of our climate-controlled inlaying facility. Your field is delivered with about 90% of the hundreds of required inlays already assembled. This dramatically reduces callbacks, speeds up installation time, and allows our onsite installers to pay even closer attention to the finishing touches.
- TRIONIC PLUS:** AstroTurf offers the TRIONIC PLUS fiber, featuring Sanitized™, StatBlock™, and Thermashield™. This patent-pending development is a feat of chemical engineering never achieved in the history of our industry. TRIONIC PLUS combines player friendly PE with ultra-durable nylon to deliver the ultimate fiber.
- Entanglement Technology:** To prevent splitting of the fiber, we cross and entangle molecular sidechains to reinforce any weak spots that would form between the main molecular chains that run the length of the fiber.



manufacturing & **QUALITY CONTROL**

Quality control is of paramount importance.

In 2017 AstroTurf opened its brand new, state-of-the-art manufacturing facility. This plant has a massive footprint and spans almost 400,000 square feet under one roof. Moving our existing equipment to the new plant, integrating it with new equipment, retrofitting concrete and upgrading electrical capacities to handle our demands—all while continuing to run our business in our largest year ever—was a logistical challenge of monumental proportions. It was all worth it though. The boost in volume capacity and enhancement of logistical integration enables us to respond to market demands with high quality products. Moving from one end of the building to the other, you can witness the manufacturing of almost every step of the product.

WE CONTROL OUR OWN DESTINY

The unique demands of the synthetic turf industry require that we know exactly how our products will perform, especially with respect to fiber integrity. Our fields are often outdoors for a decade or longer, sustaining constant abuse, yet the safety and investment of our clients depend upon our products holding up.

ITS ALL ABOUT QUALITY CONTROL

Quality control is of paramount importance. We implement strict protocols that ensure that each field is tested during the manufacturing process to ensure it is being manufactured correctly. And – crucially important – we control the masterbatch formulation of our fibers. To our knowledge, no other turf manufacturer takes back the chain of control to this critical step. The masterbatch is like the DNA of the fibers. It is the “special sauce” that contains the UV stabilizers, color, heat resistance and other critical factors that influence the performance of the fibers. Sport Group’s masterbatch formulations were developed in Germany by some of the world’s foremost polymer chemists, who are directly employed by the Sport Group. The masterbatch formulation is consistent across the globe for all Sport Group turf fibers.



coast to coast **BUSINESS MODEL**

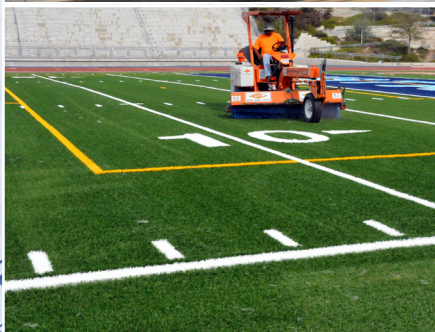
A Coast to Coast Business Model that puts our customers first!

It is rare in our industry for one company to be able to offer a track or field customer, a coast-to-coast resource for their entire project. Starting from initial project guidance, to selecting, procuring and putting it in the ground, our team will simplify and improve the outcome of all your decisions. We provide a national, one stop team, with engineering, construction and management that will let you take control of the process. This eliminates costly and time-consuming bid procedures and puts an end to scheduling conflicts and finger pointing.

From surveying and design, to permits and engineering right through civil work, base, drainage and construction of the fully serviced and warrantied track or field of your dreams. We do it all. From initial product selection, through the design and construction processes. From budget to base path. From fiber to field. Full project services, managed end to end.

Regardless of what track or field you are considering, you can count on AstroTurf for the complete package. Our long history gives us a unique perspective. Over several decades our team has experienced tens of thousands of projects. And that helps eliminate surprises and problems for you.

WITH THE GLOBAL RESOURCES OF SPORT GROUP – AND A GROWING NETWORK OF NATIONAL HUBS FROM COAST TO COAST – WE PROVIDE OUR CUSTOMERS WITH THE LATEST TECHNOLOGIES AND ONE STOP PROJECT MANAGEMENT. ALL OF WHICH DELIVER THE MOST EFFICIENT AND ATTRACTIVE FINANCIAL BENEFITS.



AstroTurf **FIBERS**

AstroTurf has the widest array of tested, vetted fibers, infills and pads!

The surface you install is a combination of turf carpet (composed of grass-like fibers), infill and sometimes a shock absorbing pad. These elements work in concert with one another to comprise the turf system, and no single element should be looked at in a vacuum. These elements each contribute an integral effect to the overall system performance.

AstroTurf has the widest array of tested, vetted fibers, infills, and pads. Our experienced sales staff is available to help you evaluate the best fit for your uses and budget.

Fiber is the most important element of the system. AstroTurf's fibers are engineered to withstand the years of abuse a typical field endures over the course of its life. When the fiber is gone, the field must be replaced. That is why we advocate a "More Fiber, Less Fill" approach. We provide more fiber – and more advanced fiber – in the system to improve the performance over time. A dense carpet structure has important implications for player safety, too.

All our systems use masterbatch formulations that are created in-house for the strongest fibers on the market.



ROOTZONE

AstroTurf ROOTZONE

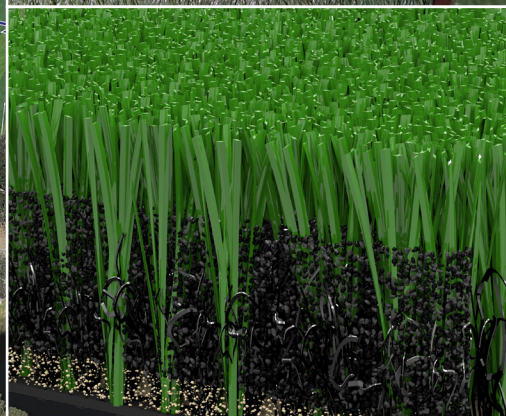
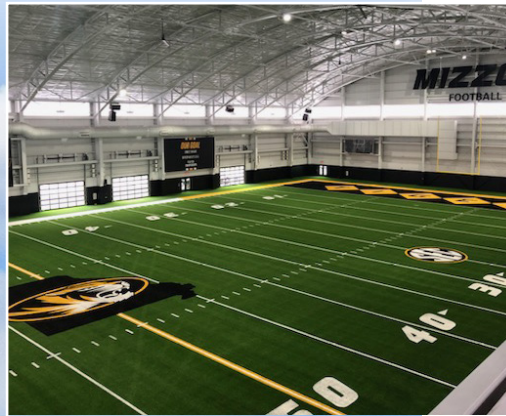
The Rootzone 3D Series is AstroTurf's most popular product line!

The RootZone 3D Series adds a RootZone to basic infilled turf systems. The RootZone is a texturized layer of fibers that curl down to encapsulate infill. The RootZone dramatically reduces infill splash, which in turn yields better shock absorbency over time and less infill migration than basic systems. The RootZone improves safety, playability, and durability, making RootZone 3D systems the top choice for athletes and field owners alike. Importantly, independently funded research by Michigan State University has shown the RootZone to provide grass like traction and reduce torque transmitted to lower extremities.

RootZone Series System Highlights

- ❑ Exclusive, precise in-house fiber masterbatch formulations with cutting edge ultraviolet and heat stabilizers
- ❑ Entanglement technology, wherein we entangle molecular side chains to reinforce the fiber and prevent splitting
- ❑ RootZone infill stabilization system
- ❑ Multi-layer woven primary backing
- ❑ The latest polyurethane technology to enhance tuft lock, dimensional stability, and fiber adhesion, with polymer formulations engineered in Germany and applied in our own American factory
- ❑ Available with a range of infill options

AstroTurf experts bring decades of experience and millions of square feet to play in selecting only the 'perfect batch' of texturized fiber for use in RootZone turf systems.



Trionic Plus **FIBER**

Softer. Stronger. Lasts Longer.
**Finally, molecular fusion of
nylon and polyethylene.**

Throughout the history of the synthetic turf industry, the great quest of manufacturers has been to blend polyethylene (PE) and nylon (PA) into a single fiber. From its earliest inception until the 1990s, nylon was used nearly across the board for its superior resilience and strength. The downside of all-nylon texturized fibers was well-known — it was abrasive. In the 1990s, PE came into vogue and became the industry standard for tall pile face fibers. These PE fibers were much less abrasive, but they came at a cost. These PE fields sacrificed the strength that previous generations of turf fields offered.

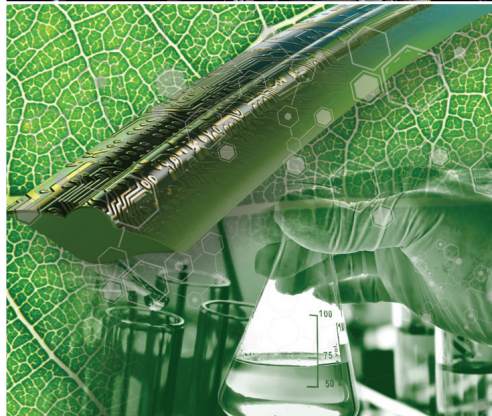
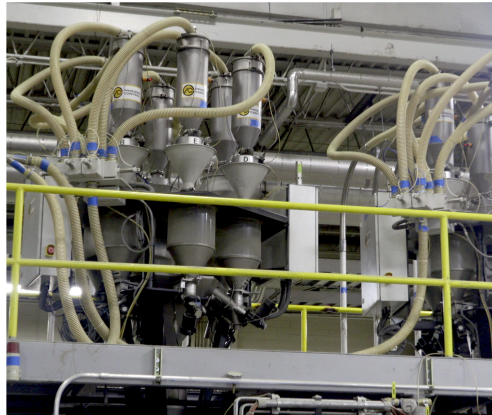
AstroTurf now offers the TRIONIC fiber. This patent-pending development is a feat of chemical engineering never achieved in the history of our industry. TRIONIC combines player friendly PE with ultra-durable nylon to deliver the ultimate fiber.

What makes Trionic Plus so Different?

While some core systems may use two polyethylene compounds as a cost-saving shortcut, Trionic fibers are a totally different technology. To produce Trionic, polyethylene and nylon molecules are fused into a copolymer and then extruded as a single fiber. This patent-pending process chemically blends polyethylene with nylon using sophisticated compatibilizers, providing softness AND durability.

The TRIONIC PLUS wonder fiber features three distinct added technologies – Sanitized silver-based technology, DualChill thermal shield, and StatBlock anti-Static component. These technologies work together to create a turf that is not only more durable, but also more hygienic, cooler, and safer to use.

The secret is in the compatibilizers. These compounds encase the nylon polymers, which are suspended within the PE to reinforce the fiber. These compatibilizers have an affinity with both the PE and the nylon. They are polar on the inside, and non-polar on the outside. In essence, the compatibilizers bridge the gap.



AstroTurf INFILLS

There is a wide variety of infill options and AstroTurf® has spent thousands of hours vetting the infill products to make sure they meet the company's legendary standards. Infill should be looked at as one element of an overall system that is comprised of synthetic turf carpet, infill, and pad, with each element interacting and affecting the others.

Infill Options



SBR

- ☑ Most economical shock absorbing infill
- ☑ Most widely studied
- ☑ No findings of environmental or health effects
- ☑ Absorbs shock



NIKE GRIND

- ☑ Engineered for human contact
- ☑ Conforms to Nike's stringent quality standards
- ☑ Sustainability
- ☑ Temperature reduction
- ☑ Plush and uniform in appearance
- ☑ Absorbs shock



SILICA SAND

- ☑ Very Inexpensive
- ☑ Widely used and proven
- ☑ No negative marketplace perceptions
- ☑ Good ballast material



BROCKFILL

- ☑ Durable
- ☑ Optimal traction
- ☑ Low splash
- ☑ Cooling properties
- ☑ No irrigation required
- ☑ SuperNatural hybrid
- ☑ Less abrasive
- ☑ Durable
- ☑ All natural



TORGINOL COATED SAND

- ☑ Antimicrobial
- ☑ UV Protected
- ☑ Ceramic-Coated Quartz Granules



EPDM

- ☑ Few issues with quality in the marketplace
- ☑ Attenuates shock
- ☑ Very high melting point
- ☑ No negative perceptions



ASTROTURF AQUIFER FEATURING ZEOLITE

- ☑ Absorbs and slowly releases water for cooling
- ☑ Reduces the need for irrigation
- ☑ Eco-friendly
- ☑ Helps to conserve water



TPE

- ☑ Less likely to compact
- ☑ No perception issues of crumb rubber
- ☑ Attenuates shock



TCOOL®

- ☑ Evaporative cooling up to 50°
- ☑ 100% sustainability sourced
- ☑ Minimal compaction
- ☑ Non-toxic and biodegradable
- ☑ Dust free installations

AMORIM ORGANIC 201

- ☑ Based on cork and olive components
- ☑ Biodegradable
- ☑ Lower surface temperature
- ☑ Compression resistant

AstroTurf PADS

Shock pads are separate, elastomeric materials such as foam, rubber, beads, or fibers bound together with a strong adhesive. Many pads have been available for decades while the size of the turf market today is attracting newer technologies. Our laboratory tests pads exhaustively before approval for field use.

Beaded Polypropylene

Often simply called “Brock” pads after the industry leader’s brand, these systems consist of small beads of polypropylene molded under pressure into a certain design. These pads are supplied on pallets and are fitted together on site.

Features

- ☑ Outstanding shock attenuation properties for player protection
- ☑ Good resistance to crushing under heavy loads
- ☑ Uniform thickness and density
- ☑ Rapid drainage
- ☑ Excellent biomechanical properties
- ☑ Thoroughly tested and proven
- ☑ Various pad styles to meet specific budget and use demands

Rubber Pads

Rubber crumb pads have been proven in use for decades. Heavy, durable, and naturally porous, rubber pads are generally used for more than one life cycle of turf. These pads are offered in two basic formats: Factory made pads and Elastic Layers [E-Layer®] pads.

Factory Made

- ☑ Good shock absorbency
- ☑ Excellent resistance to “set”
- ☑ Can be monolithic
- ☑ Excellent drainage

Elastic Layer

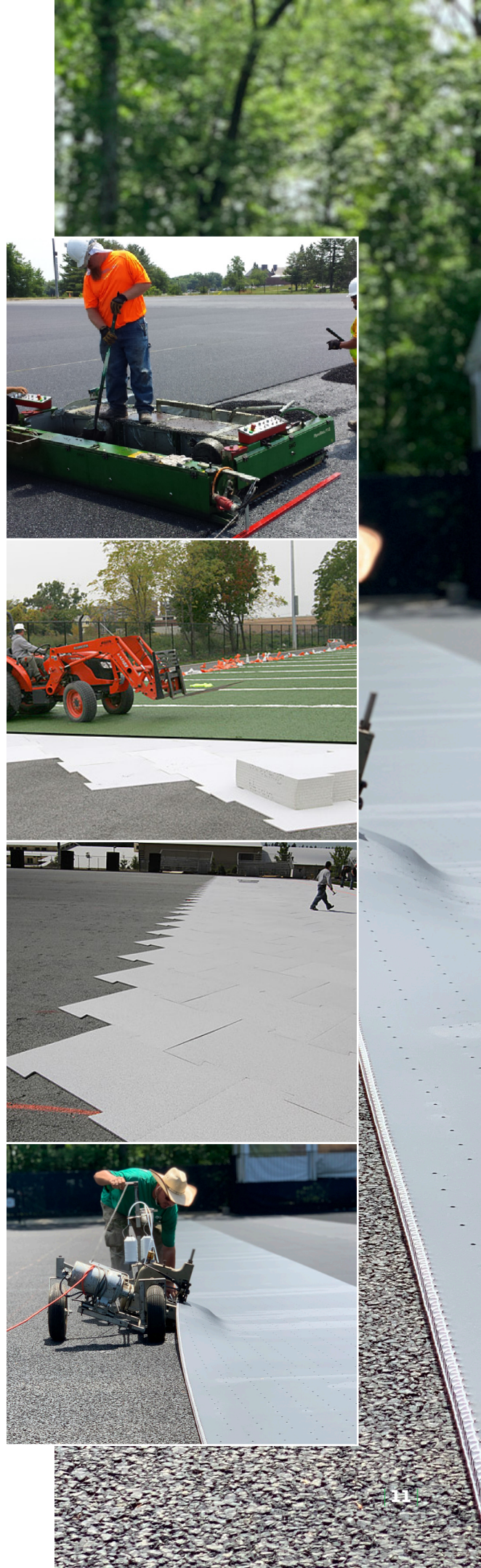
- ☑ Excellent shock absorbency
- ☑ Totally solid underfoot
- ☑ Permanent usability
- ☑ Monolithic
- ☑ Can alter formulations to make E-Layer® more or less bouncy
- ☑ Porous

Closed Cell Forms

Generally either cross-linked polyethylene (Trocellan) or PVC nitrile rubber pad formulations (Armocell), these pads are extruded to guarantee uniform thickness and density. Proven for decades for turf applications, foam pads are priced right, can be made in long continuous rolls and can be seamed properly for a monolithic underlayment.

Features

- ☑ Good shock absorbency
- ☑ Acceptable resistance to “set”
- ☑ Uniform thickness and density
- ☑ Generally priced lower
- ☑ Rapid drainage



An aerial photograph of a sports facility, likely a soccer stadium, featuring a large green artificial turf field with white markings. In the background, there is a building with a curved facade and a parking lot. The word 'ASTRO' is overlaid in large, semi-transparent green letters across the top half of the image. The sky is clear and blue.

ASTRO

ROADRUNNERS



**THE ICON THAT
INVENTED
THE INDUSTRY**



MSU DENVER

FOOTBALL

We Create 5 Star Systems for Your 5 Star Athletes

The game of football is constantly evolving. The rate at which it has evolved in recent years has taken us into uncharted territory. The strength of athletes, the speed of play, and the demand for high-performing sports surfaces has reached a new level. And once again, AstroTurf® is leading the way to meet those demands.

Our goal was to design a football field with fully integrated components that would encourage peak athletic performance at the highest levels of competition. The result: AstroTurf 3D1



If you are looking for a run of the mill, traditional, no frills, synthetic turf system, then 3D1 may not be for you. But if you are seeking out the most technologically advanced playing surface on the market then it's time to make your commitment now to the 3D1 program.

Fiber:

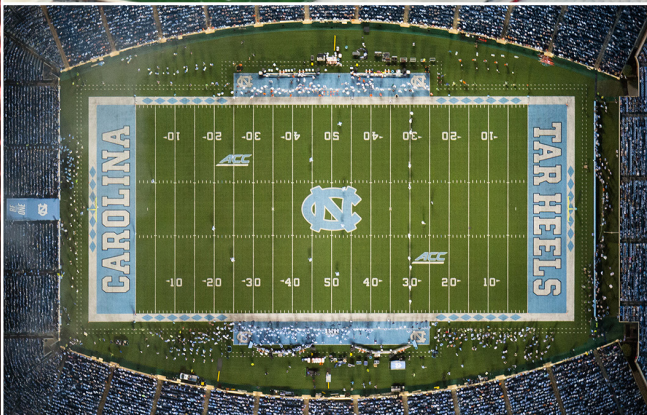
60 ounces of "Blended" fiber with RootZone

Infill:

Featuring the AstroTurf Aquifer consisting of a performane layer of your choice along with a Zeolite water absorption layer

Pad:

The system sits on an approved shock pad or ELayer®



BASEBALL & SOFTBALL

Tradition Meets Innovation

Today's premiere baseball and softball surface, Diamond Series handles ball bounce exactly like a natural grass field in every area of performance – outfield, infield, and base paths. And this can be custom-tailored to any coach or facility specifications for speed or bounce. Diamond Series fields play and look so natural, yet provide the easy maintenance and exceptional durability we have become famous for over the past 50+ years. Outfield, infield, base paths, pitcher's mound, batters' boxes, and warning tracks are each surfaced with unique AstroTurf products designed specifically to replicate natural field playability.

This natural playability and customization have led to the Diamond Series' success in the baseball and softball markets. AstroTurf has developed three Diamond Series systems to provide baseball and softball clients more control over their home field.



DIAMOND SERIES OPS

The OPS system is designed to play like Bermuda grass and natural clay. It includes unique products to cover each area of the baseball and softball field to replicate natural playability.

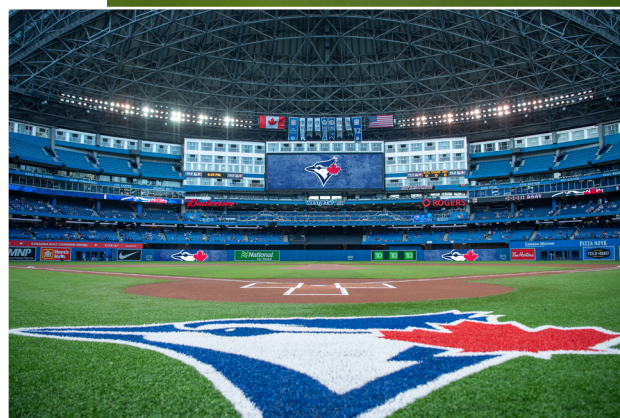
DIAMOND SERIES RBI

The RBI system is designed to play like Kentucky Bluegrass and natural clay. It includes unique products to cover each area of the baseball and softball field to replicate natural playability.

DIAMOND SERIES HR

The HR System is designed as more of a multi-purpose product, especially suited for use when other field sports are to be played in the outfield. While lacking some of the distinctive features of the OPS and RBI systems, it is still a very good baseball system that has been used at some of the highest levels of baseball and softball.

ASTROTURF HAS MORE DIAMOND SERIES FIELDS INSTALLED IN NCAA D1 BASEBALL THAN ANY OTHER TURF COMPANY IN THE INDUSTRY.



SOCCER

A Passion for Top Class Performance

Soccer is the world's game and continues to grow in popularity. AstroTurf is doing its part to facilitate that growth. Using pristine natural grass as the benchmark, we commit significant resources to studying every aspect of a grass field's performance including playability, durability, and safety. We use this data and couple it with our turf know how to manufacture the best turf product for soccer.

Further, bolstering our efforts, Sport Group has allowed us to collaborate with our worldwide partners in the soccer industry. We particularly work closely with our European team members, who enjoy a majority market share of high-end club's match or training pitches. Our fields represent the best performing synthetic turf pitches in the world... LigaTurf.

*Liga***TURF**®

LigaTurf is now offered in the United States exclusively by AstroTurf Corporation and its partners. The latest LigaTurf systems have emerged as the result of the global collaboration of our Research and Development teams around the world. We have focused our efforts on polymer chemistry, biomechanics, ball roll, and energy restitution to make the beautiful game even more beautiful on LigaTurf.

ASTROTURF® IS THE HOME OF THE MOST INNOVATIVE SOCCER SYSTEMS!

Our broad portfolio is a mixture of various system choices for any level of the game. All our systems are FIFA-certified, which enables us to recommend the right system at any level of the game.



FIELD HOCKEY

Ever since Field Hockey was played on AstroTurf in the 1976 Montreal Olympics, AstroTurf has been the gold standard for the game.

AstroTurf has a long history of innovation and leadership in the hockey world. It is the brand that changed the sport. And it is the sport that has shaped AstroTurf's history. Our specialized knitting equipment and manufacturing history has kept AstroTurf at the very top of the hockey world's elite surfacing.

AstroTurf's fast-playing, non-directional, uniform products are demanded by top elite programs across the world. That is because AstroTurf understands that the outcome of the game should not be influenced by the surface. AstroTurf's Classic Series allows for a higher skill set to flourish on the pitch. Now with a greater variety of affordable and multipurpose products, AstroTurf allows for skill development for everyone from youth to elite players and everyone in between.

-  **The world leader in hockey**
-  **A supporter of and ally to international hockey organizations around the globe, including FIH, USA FH, NFHCA, EHF, Pan Am and more.**
-  **A preferred product of several FIH-Certified systems to meet every need.**
-  **The surface used at every NCAA D1 Final Four Tournament since the game left natural grass.**
-  **A supporter of hockey at all levels of the game**





LACROSSE & RUGBY

As the fastest growing sport in North America, Lacrosse is making its mark!

Lacrosse even has turf needs specific to the sport. Even, predictable footing and extreme durability (especially in the creases) are crucial. Lacrosse players move at a breakneck speed, and the turf cannot slow them down. Infill spray should be minimized to provide true and predictable bounce passes and bounce shots.

AstroTurf's focus on "more fiber, less fill" is ideal for the sport of lacrosse. The RootZone 3D product line reduces lower extremity torque, creates even and predictable footing, reduces infill spray and enhances durability. That is a winning combination for Lacrosse players and field owners alike.

RUGBY IS A GENTLEMAN'S GAME, BUT A BRUTAL SPORT. THAT'S WHY ASTROTURF IS UNDERFOOT. FOR OVER HALF A CENTURY, ASTROTURF HAS LED THE WAY IN SYNTHETIC TURF INNOVATION AND PLAYER PROTECTION.



LigaTurf is the world's pre-eminent family of turf systems designed specifically to meet World Rugby standards. LigaTurf has a large footprint around the globe and can be found at the most elite facilities in Europe. LigaTurf is now offered in the United States exclusively by AstroTurf Corporation and its partners. The latest LigaTurf systems have emerged as the result of global collaboration of our Research and Development teams across the world, who have focused on polymer chemistry, biomechanics, shock attenuation, energy restitution, and more.

BREAKTHROUGH TECHNOLOGIES ENSURE THAT LIGATURF SYSTEMS EXCEED ALL WORLD RUGBY STANDARDS. AND FULL CONTROL OVER THE MANUFACTURING, CONSTRUCTION, AND INSTALLATION CHAIN ENSURE THAT OUR SOCCER CUSTOMERS RECEIVE THE BEST FIELDS IN THE INDUSTRY.



Conversion **SYSTEMS**

Since its inception, AstroTurf has dominated the niche conversion market within the synthetic turf industry.

Indoor Turf

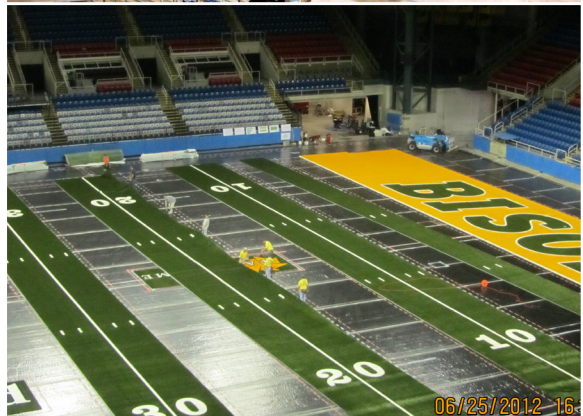
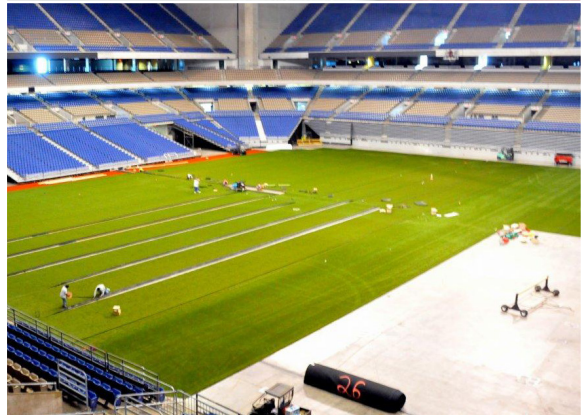
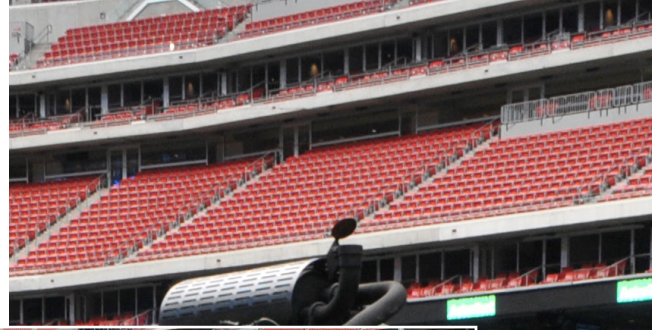
CONVERSION TURF, MAGIC CARPET SYSTEM

AstroTurf introduced the world to synthetic sports turf in the 1960s, thereby changing athletic competition forever. It went on to invent conversion systems (Magic Carpet, AstroHopper, and AstroLift) that have fundamentally altered stadium operations, affording arenas previously unknown flexibility and revenue opportunities. In fact, AstroTurf conversion systems have been in use since the installation of AstroTurf at the Houston AstroDome in 1966. This system was the forerunner of the AstroHopper type system.

AstroTurf installed convertible systems at virtually all the high-profile venues through the 70s, 80s and 90s. The advent of third generation [tall-pile, rubber filled] systems in the late 1990s accelerated the turf industry. The softer feel of the polyethylene blades and cushioned support of the infill were favored by athletes. However, these systems posed a unique challenge to stadiums wishing to host multiple events and sports. Problems arose with containing the infill, and machinery did not have sufficient power to lift the turf containing the 20,000 recycled tires used in the new systems.

Living up to its historical commitment to these facilities, AstroTurf rose to the challenge. In 2008, we designed and installed a Magic Carpet system for the University of Northern Michigan that could successfully roll up tall pile turf without infill. In 2010, the current Magic Carpet II (MCII) system was installed at the Edward Jones Dome in St. Louis, Missouri. The product is the latest and greatest in turf technology — a 3D product with rubber infill.

The AstroHopper system was simultaneously improved upon, and it too was redesigned to handle heavy, infilled turf. This system was selected as the conversion system of choice for the Rogers Centre and Toronto Blue Jays in 2010 and again in 2015.



Multifield **PROJECTS**





GO BIG with AstroTurf!

The sports tourism industry is booming. More and more multifield complexes open every year. These facilities are designed to be meccas for traveling teams. They aim to provide guests with everything they need for successful tournaments – hotels, shopping – of course, high quality athletic surfaces.

Building these large facilities and hosting community events, travel teams and tournaments demand a lot. The level of investment – whether private dollars, public dollars or a blend – requires that every step of the process from concept to completion is executed efficiently. The solvency of the facility and the economic impact on the community depend upon thorough attention to every detail. Synthetic turf is practically a requirement for the long-term success of multifield complexes.

Maintenance of the natural grass surfaces at complexes with large footprints quickly becomes unfeasible, at least at a level that justifies the rental fees that keep these facilities in business. Just as sports tourism facilities provide a one-stop destination for teams and families, AstroTurf serves as indispensable partner in the process – standing side by side during the entire process.

AstroTurf is with you every step of the way.

-  **FEASIBILITY STUDIES**
-  **SITE ANALYSIS**
-  **SURFACE SELECTION**
-  **CONSTRUCTION & INSTALLATION**

BIG

AstroTurf | THE ICON THAT INVENTED THE INDUSTRY



Cooperative Purchasing & **FINANCING**

You want to buy an AstroTurf® field but need to find the best way to do it.

ASTROTURF PRODUCTS AND SERVICES ARE AVAILABLE ON SEVERAL DIFFERENT COOPERATIVE CONTRACTS.



Too often field buyers want our products but assume they are required to conduct their own formal bid. That results in several problems.

The Problems

Time and Money – It is common to spend hundreds of collective hours conducting your own formal bid. Considerable time and effort are required, doing market research, drafting specifications, advertising the bid, vetting bidders, conducting interviews and more. Do you really have this kind of time?

It's Not What You Want – There are multiple bid types (RFP, IFB, hard bid, line item bids, etc.) and depending on the type of bid you conduct, you may have little choice in your selection. Certain bid types result in general contractors selecting your turf for you. Then you are married to that turf manufacturer and installer for the next 8 years of the warranty, and you did not even get to choose! Price is important, but it should not be the ONLY factor in your decision.

There is a Better Way

A growing contracting method is the cooperative purchasing model. There are many good co-ops that offer contract awards from which their members can benefit. The co-ops ensure that all responding Vendors are fully vetted before awarding the contract, which can then be “piggybacked” by public agencies across the country. This makes it easy to choose an awarded contract with the Vendor your agency prefers.

THE CO-OP BENEFITS ARE CLEAR

It is Easy – They have done the hard work for you. Just issue a purchase order referencing the co-op contract you choose, and we can hit the ground running.

It is Free – Co-op membership is typically free and easy to join online.

It is Legal – RFPs and IFBs are designed to comply with the state requirements and statutes on the front end to allow for maximum flexibility.

Financing

AstroTurf has partnered with PNC Vendor Finance to deliver customized and innovative customer finance solutions.

Benefits of Financing with AstroTurf®

- ☑ 100% Cost Coverage
- ☑ Lowest Monthly Cost
- ☑ Conservation of Capital
- ☑ Easier Budgeting
- ☑ Flexible Financing Terms
- ☑ Fixed Payments
- ☑ Flexible Payment Structures
- ☑ Manufacturer Warranties





WORLD-LEADING HYBRID GRASS TECHNOLOGY

SISGrass is an advanced reinforced turf system, trusted by some of the biggest names in sport.

Our pitches are **95% natural grass surfaces**, with high performance polyethylene fibres inserted into the surface, offering more playing hours and faster pitch recovery than 100% natural grass surfaces.

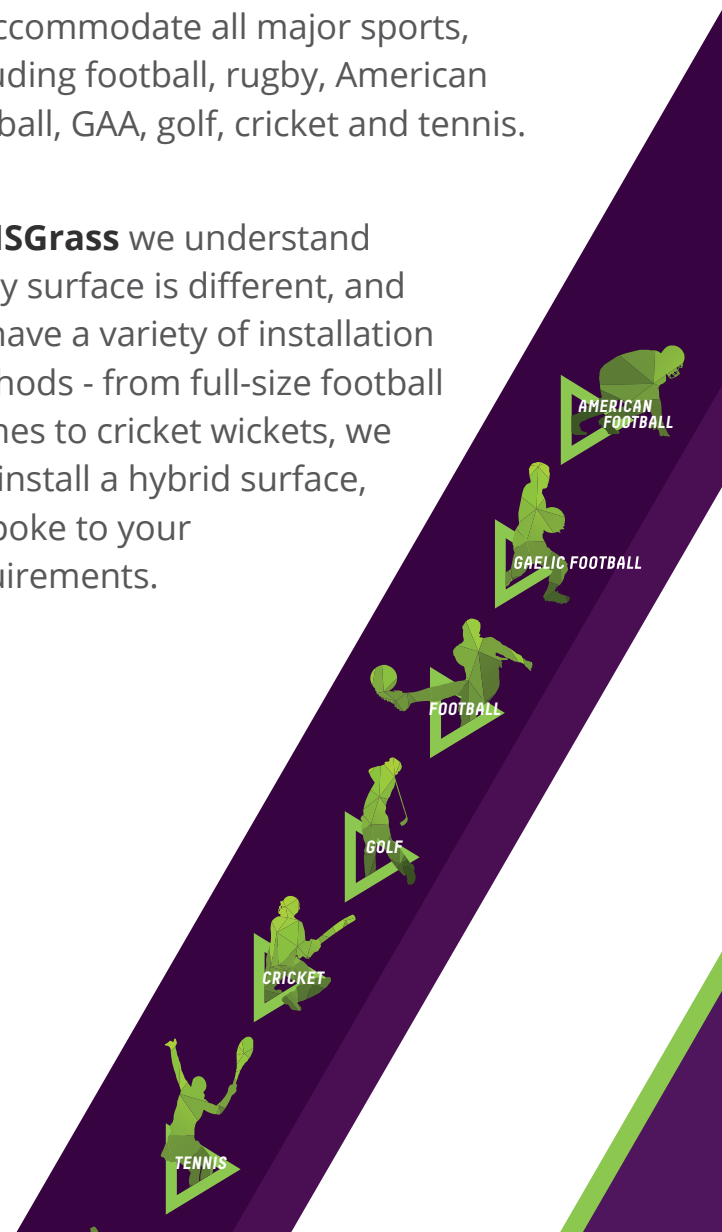
LEADING THE FIELD IN HYBRID PITCH TECHNOLOGY

SISGrass has been installed all over the world, working with some of the biggest names in sport.

INNOVATIVE TECHNOLOGY

We've developed our technology to accommodate all major sports, including football, rugby, American football, GAA, golf, cricket and tennis.

At **SISGrass** we understand every surface is different, and we have a variety of installation methods - from full-size football pitches to cricket wickets, we can install a hybrid surface, bespoke to your requirements.



MAINTENANCE

AstroTurf strives to manufacture the highest quality synthetic turf products in the world.

However, to keep your field performing at the highest level, routine care and maintenance must be followed. As with any item requiring long-term, continual upkeep, maintenance logs must be used to record each occasion and type of maintenance undertaken.

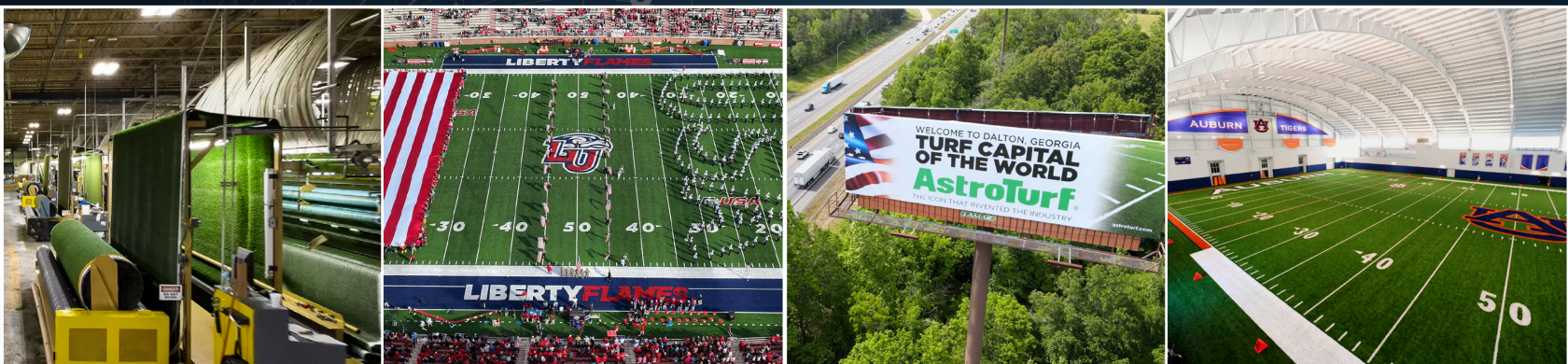


You have made a substantial investment in your field. Protect it with an annual Maintain the Game® Aftercare Program performed by AstroTurf Corporation's certified turf technicians to improve the overall performance, appearance, and life of your field. The inventor and leader of the synthetic turf market is proud to offer the industry's leading turf care program.

Our turf care team has developed two levels of care. Maintain the Game Aftercare is available in Rhino and Rhino Pro packages to better meet the needs of each individual customer. Each are certified packages performed under the direct supervision of an AstroTurf Field Maintenance Technician to ensure the desired results and customer satisfaction.

SPECIALIZED EQUIPMENT REJUVENATES YOUR FIELD TO IMPROVE PLAYABILITY, PROLONG THE LIFE OF YOUR FIELD, AND DELIVER CUSTOMIZED MAINTENANCE RESULTS.





THE ICON THAT INVENTED THE INDUSTRY

AstroTurf Corporation

THE WORLD LEADER IN SPORTS & RECREATION SURFACES

AstroTurf
FIELDS

Rekortan
TRACKS

Laykold
COURTS

SYN LAWN
LANDSCAPE

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