

SYNTHETIC TURF

MAGAZINE

GTR
TURF

- Jacques Zara
Sales Vice President
GTR Turf

2015
**CANADIAN
INSTALLATIONS**

**NATURALLY
SYNTHETIC**

DISCOVER OUR 100%
ENVIRONMENTALLY
FRIENDLY
SYNTHETIC TURF.

THE
COMMONWEALTH
STADIUM
**FIELD OF
CHAMPIONS**

LOWER THE TEMPERATURE OF THE PLAYING
SURFACE OF UP TO **30°C**.

FOLLOW US ON





OUR TEAM

Our employees are a strategic asset, who contribute, with their work and talent, to sustainable value creation.

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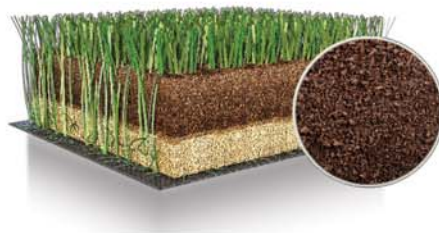


PLAN THE INSTALLATION OF SYNTHETIC TURF

Our synthetic turf from Shaw Sports Turf is the best in the industry and can generate recurring revenue for your organization.

NATURALLY SYNTHETIC!

For many people, it is a contradiction to think that replacing natural grass with synthetic grass can be ecological.



GTR TURF



**FROM A VERY YOUNG AGE,
THEY DESERVE THE BEST PLAYING FIELD.**

**FOR THE AMATEUR OR PROFESSIONAL ATHLETES,
LET GTR TURF TAKE CARE OF THE ARTIFICIAL TURF.**

shawTM
SPORTS TURF



FROM SEA MASTER TO SYNTHETIC TURF MASTER



Jacques started his career at the age of seventeen in the Royal Canadian Navy. He travelled from Halifax to Victoria and ended up in the headquarters situated in Quebec where he was assigned to change and improve intern rules and laws. He appreciated his stay in the Navy and left with Honor at the age of thirty full of wonderful experience and a lot of discipline. When he left he was excited to find new challenges and Air Canada was offering him the chance to start a new career. Being in the Canadian armed forces for 13 years, remaining a sea master wasn't on the cards for Jacques Zara. So he made his way to Air Canada as a Lead Station Attendant. Meanwhile, he remained in the Canadian armed forces in the naval reserve. Fifteen years at Air Canada gave Jacques the opportunity to develop outstanding business skills and expand his network of contacts. One of them, an individual named Luc Rochon, turned out to be a fanatic and passionate synthetic turf pioneer.

In 1998, Jacques met Luc through some friends. Luc invited Jacques to come and work part time with him and help to install synthetic sports turf fields. This was a new adventure for Jacques and his learning curve was huge. However, using the leadership, discipline, business acumen and skills accumulated in his past experiences, Jacques learned to install the field lines, to sew the turf panels and quickly mastered the art of creating an artificial grass sports field. His first installation was in Chicago, that same year. Jacques' love for synthetic turf hit the maximum level when he was given the opportunity to be in charge of the installation of the Greenbay Packers synthetic turf training facility. He later installed numerous prestige sports fields for the NFL, CFL, MLS, MLB and FIFA. On October 25th, 2006, Frank Clair Stadium received the first FIFA 2-star recommendation in the CONCACAF; A field built by Jacques.

In 2010, the challenges overcome during his involvement creating synthetic sports fields brought him to the next level. He became an associate at GTR Turf and started a new era for the company. He supported his old friend Luc Rochon in selling artificial turf, not merely installing it for a manufacturer. During his first year, Jacques closed deals on 12 fields. The following year, he increased to 22 fields across the breadth of Canada. Jacques has been involved in most of his company's installations. He believes that the upper management and business owners need to get involved in all aspects of the operational projects, to ensure the quality of the installation. When asked about his top 3 installations, Jacques is unable to answer.

For him, every project is a top priority, every project is top of his list. In the future, Jacques wants to manage a North American sales team and offer turnkey solutions for the market to include the excavation and installation of synthetic sports fields worldwide. Jacques Zara's key to success is to be humble, and to always remain besides the client and support him/her from the beginning to the end of a project.

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DIANE SIMARD
 Controller

BEHIND A GREAT COMPANY, THERE IS A GREATER TEAM.

At GTR TURF, we have a very clear vision to innovate in order to provide athletes high-level synthetic turf sport facilities to greatly improve their playing experience.

We align our vision with our mission of being the best synthetic turf company that sets the standard of excellence in our industry.

Our employees are a strategic asset, who contribute, with their work and talent, to sustainable value creation.

This is why I am very proud to introduce our management team responsible for positioning the company as a world leader in the synthetic grass industry.

GTR Turf employees are its most valuable asset and are primarily responsible for business growth.

Our employees are aware that each one of their actions has a direct impact on the performance level of athletes. Consequently, each of us plays a very important role in order to exercise corporate responsibility for GTR Turf.

*-Luc Rochon
 CEO GTR Turf*

shawTM

SPORTS TURF



THE MERGER OF TWO LEADERS SETS HIGH STANDARDS FOR OUR COMPETITORS.

When choosing Shaw Sports Turf synthetic grass, you partner with the legacy of decades of outstanding performance and innovation conducted by our parent company, Shaw Industries Group, a subsidiary of Berkshire Hathaway. We leverage this legacy in order to provide high performance synthetic grass systems, setting new design, quality and service standards.

Reflecting our common service standard, our customer-focused culture allows us to offer nothing less than 100% satisfaction. Too many synthetic grass companies broke their promises. We intend to fill that void and assure you that our products and services will stand the test of time.

WWW.SHAWSPORTSTURF.COM

THE COMMONWEALTH STADIUM



FIELD OF CHAMPIONS

The Commonwealth Stadium in Edmonton, which hosted the FIFA Soccer Feminine World Cup, is also home to the Eskimos, a Canadian Football league team. In their history, they won 14 Grey Cups, including 5 times in a row from 1978 to 1982. The last one was in 2015.

This last championship victory put them in 2nd place of the CFL as the team with the most Grey Cups, only surpassed by the Toronto Argonauts. The Edmonton Eskimos, before taking the highest honors, had an almost-perfect 2015 season at home with 10 wins in 11 games at the Commonwealth stadium.

The players also won 18 times during the 22 regular season games, under the supervision of Chris Jones, Head coach of the team.

After an impressive season, the Eskimos were able to lift the prestigious Grey Cup trophy by winning an exciting game before approximately 37,000 spectators in a jam-packed stadium.

The Edmonton Eskimos are proud to have been established at the Commonwealth Stadium for 30 years. They are now enjoying a playing field installed by GTR Turf, which raises the bar across the CFL

GTR Turf is honored to be associated with the champion team of the 103th Grey Cup.

The playing field features a leading edge technology, enabling it to be safer while offering exemplary performance.

GTR Turf wishes the Eskimos many seasons just like the 2015 one, on a synthetic surface which will allow them to develop their full potential.

A REFERENCE IS WORTH A THOUSAND WORDS



FACILITY AND LANDSCAPE INFRASTRUCTURE

MEMORANDUM

January 12, 2016

Commonwealth Stadium and Henry Singer Sports Park Artificial Turf Replacements: PowerBlade Elite 2.5

On behalf of the City of Edmonton I would like to express my satisfaction with our new PowerBlade Elite 2.5 playing surfaces from Shaw Sports Turf soccer/baseball.

We have been playing and practicing on both the turfs for a complete season and our players, coaches and community members are very pleased with the performance of the new surfaces. The fields have met the needs of all our teams and the sports community as a whole and without question the feedback to date has been extremely positive.

The City of Edmonton was also very pleased with the outstanding installation services provided by Jacques Zara and the GTR Turf/Team Rochon Inc. team. The installation process was incredibly professional with a high standard of quality and met all of our extremely tight timelines in advance of a major soccer event – the FIFA Women's World Cup 2015, of which the City of Edmonton was one of the host cities.

The City of Edmonton believes we have received two fantastic artificial turf surfaces that will serve the community and our partners well for many seasons to come.

Should you have any questions regarding the above projects please contact Kurt Bosch at 780-442-0211 or through email at kurt.bosch@edmonton.ca.

Sincerely,

Kurt Bosch
Project Coordinator, Program and Project Development
Facility and Landscape Infrastructure
City of Edmonton

WHAT DOES

**HOME FIELD
ADVANTAGE**

MEAN?



***JUST ASK
THE GREY CUP
CHAMPIONS***



OPENING GAME OF THE FIFA ON THE BEST PLAYING SURFACE

In 2015, GTR Turf, installed four next generation synthetic turf fields for the FIFA women's World Cup.

The opening game of the competition was played at the Commonwealth Stadium in Edmonton, Alberta.

The eyes of the world watched world-class soccer athletes perform on the fifth generation of artificial Turf for the first time, during an international tournament.

GTR Turf installed the new synthetic grass in the Commonwealth Stadium and showed the world that its new generation of artificial turf is close to nature, and, the future of major worldwide sports tournaments.

GTR Turf was also selected to complete the field installation for three other sports grounds which served as training facilities for International elite soccer players. The three additional fields are Rocky Stone Field in Moncton, New Brunswick; Winnipeg Soccer Complex in Winnipeg, Manitoba; and Henry Singer Sports Centre in Edmonton, Alberta.

With 400,000 square feet of synthetic turf installed in May, the company had installed more than 4 million square feet in 2015, equivalent to 50 fields.

« This gives you an idea about the interest of clients, willing to change their natural grass to artificial turf. Obviously, when it just came out, it was a thin carpet on pretty much asphalt underneath.

Today, our 5th generation of artificial grass reflects many years of innovation, R&D and the introduction of new technologies that provides the best combination of durability, playability and safety, replicating the playing characteristics of natural grass.»

Says Luc Rochon, President and Chief Executive Officer at GTR Turf.

The surface properties of first, second and third generation synthetic turf were very different, in many aspects. The lack of impact absorption and the high friction/traction on the earlier surfaces were associated with an increased risk of injury. However, the modern fourth and fifth generation pitches are very different in construction and have the same properties and injury-risk profiles as natural grass.



WOMEN'S WORLD CUP 2015 IN CANADA, SIGNED GTR TURF

Recent studies have found that playing or training on artificial turf does not raise the potential for acute injury. In fact, synthetic grass may actually reduce the risk of some specific injuries under specific conditions, due to some key characteristics that may reduce the stress placed on joints.

The new synthetic field at the Commonwealth Stadium is certified FIFA RECOMMENDED 2 Star, meaning that the playing field underwent rigorous testing, to satisfied a number of surface property standards before being played on. The Powerblade Elite 2.5-S system installed on this field is designed to provide safety as well as performance benefits for the athletes, by achieving the right balance of firm, fast and safe surface.

In addition to shock attenuation (which can help prevent injuries from tackles, trips and falls), the field is designed to combine low Gmax levels with the foot stability and force reduction (lower extremity protection) values in the range of high-quality natural grass.

Every fiber of the Powerblade Elite 2.5-S system is manufactured to be a replica of the one next to it, so no areas are uneven or differently textured to alter the speed of the ball or the ability of a player to achieve secure footing, allowing more precise turning and stopping. The Powerblade 2.5-S fibers produce significantly less friction between the playing surface and players' skin compared to both natural grass and older versions of synthetic turf.

To impress the players around the world, the Commonwealth Stadium has a unique ground cooling technology; The HydroChill system. This is the latest innovation of Shaw Sports Turf products, exclusive to GTR Turf.

Artificial turf can increase its temperature during the hot and sunny days. However, the HydroChill evaporative cooling system reduces the temperature of the ground of up to 30°C.

The Canadian Soccer Association, the National Organizing Committee for the FIFA Women's World Cup Canada 2015, and JSA Sport Architecture of British Columbia have made convincing analysis of the surfaces installed by GTR Turf.

2015 CANADIAN INSTALLATIONS

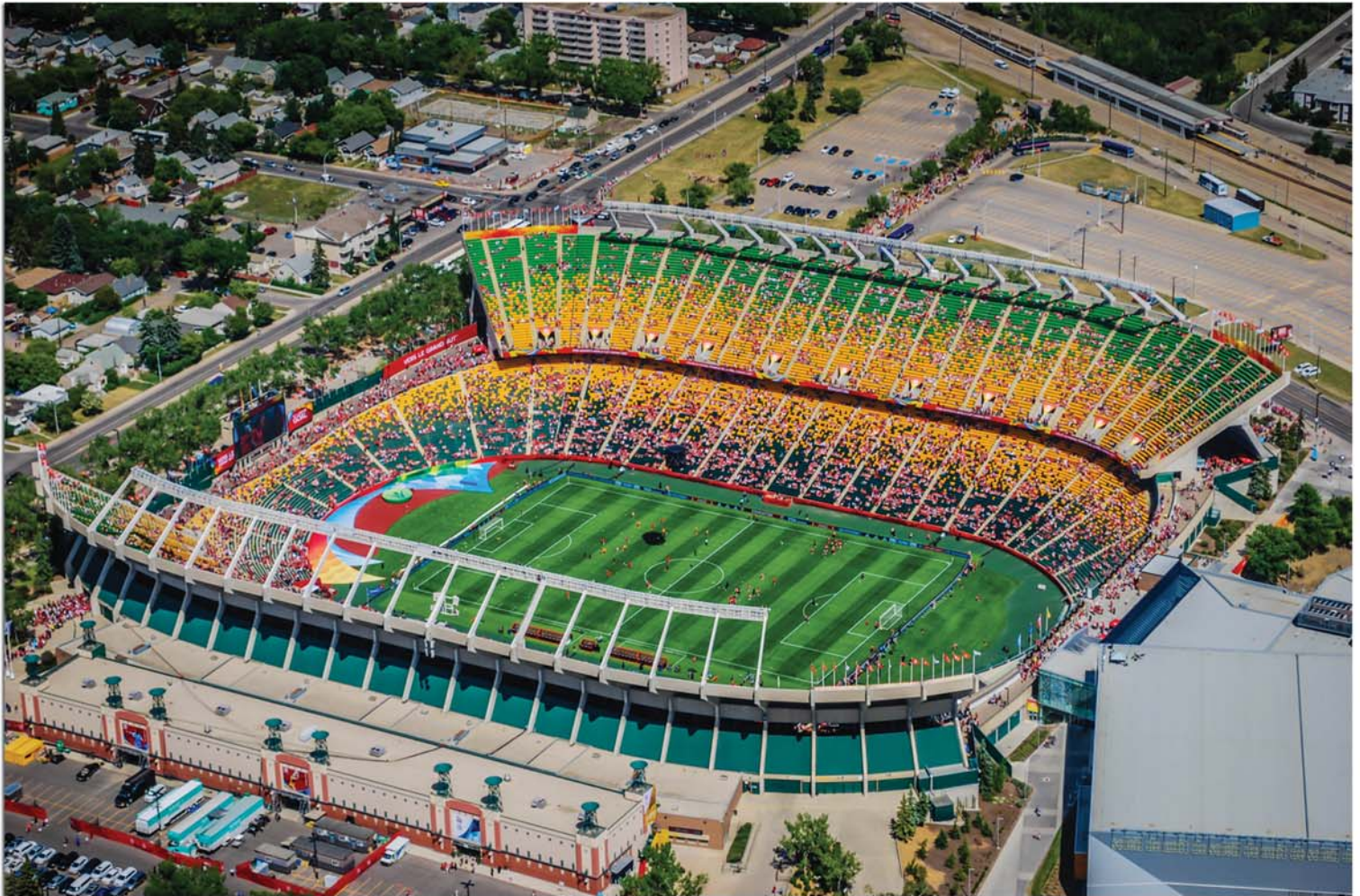
The Commonwealth Stadium

EDMONTON, ALBERTA

SOCCER, CFL

FIFA 2*

115 000 SQ.FT.





COLLINGWOOD SCHOOL

West Vancouver
British Columbia
Soccer
41,000 sq.ft.



MULGRAVE SCHOOL

North Vancouver
British Columbia
Soccer, Rugby
76,000 sq.ft.



RIM PARK FIELD HOUSE

Waterloo
Ontario
Indoor Soccer
41,000 sq.ft.



MC NICOLL PARK

Toronto
Ontario
Soccer
78,000 sq.ft.



AJAX COMMUNITY CENTRE FIELD 1

Ajax
Ontario
Soccer FIFA 2*
80,000 sq.ft.



AJAX COMMUNITY CENTRE FIELD 2

Ajax
Ontario
Soccer FIFA 2*
80,000 sq.ft.



ROCKY STONE PARK

Moncton
Nouveau Brunswick
Soccer FIFA 2*
Football
117,000 sq.ft.



SOCCER COMPLEX

Winnipeg
Manitoba
Soccer FIFA 2*
84,500 sq.ft.



CLARK STADIUM

Edmonton
Alberta
Extension
30,000 sq.ft.



HENRY SINGER PARK

Edmonton
Alberta
Soccer FIFA 2*
87,000 sq.ft.



ÉCOLE SECONDAIRE HORMIDAS-GAMELIN

Buckingham
Québec
Soccer / Football
110,000 sq.ft.



POLYVALENTE LE CARREFOUR

Gatineau
Québec
Soccer / Football
110,000 sq.ft.



OTTAWA SOUTH UNITED SOCCER ASSOCIATION

Ottawa
Ontario
Soccer
88,500 sq.ft.



LOUIS-RIEL DOME

Ottawa
Ontario
Indoor Soccer
82,000 sq.ft.

Académie Ste-Thérèse

STE-THÉRÈSE , QUÉBEC
SOCCER
105 000 SQ.FT.





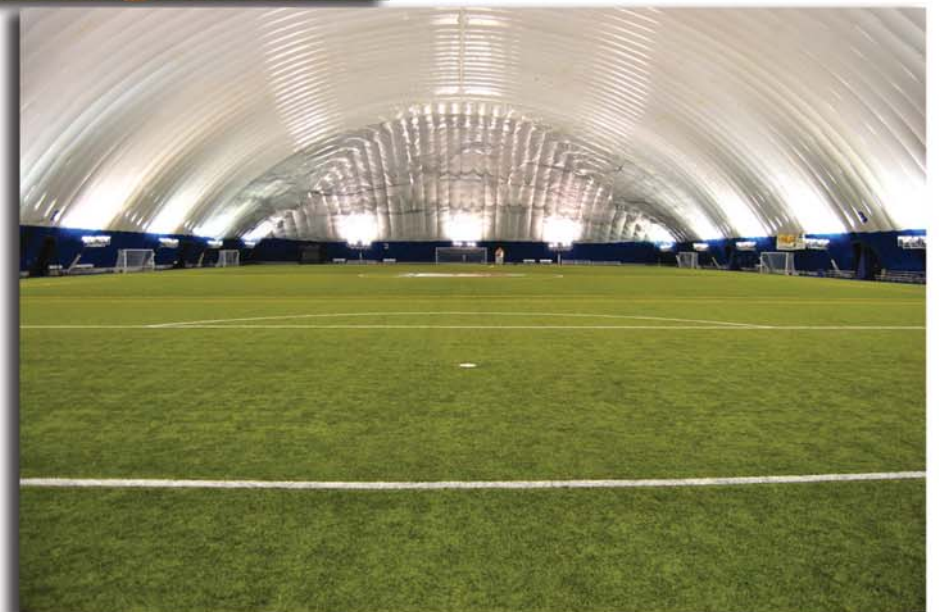
DR. CHARLES BEST

Coquitlam
British Columbia
Soccer / Lacrosse
103,000 sq.ft.

Collège Français



LONGUEUIL, QUÉBEC
INDOOR SOCCER
82,000 SQ.FT.



VICTORI



RICH BOHNE

DIRECTOR OF COMMUNITY SERVICES
TOWN OF RAYMOND, ALBERTA, CANADA

“

"WORKING WITH GTR WAS A REAL PLEASURE FROM START TO FINISH.

THEIR COMMUNICATION AND ATTENTION TO DETAIL IS SECOND TO NONE.

JACQUES AND HIS CREW WERE METICULOUS IN KEEPING THE AREA CLEAN DURING INSTALLATION AND WENT THE EXTRA MILE TO MAKE OUR FIELD EVEN BETTER THAN WHAT WE DREAMED!"

”

A PARK



FOOTBALL
TRACK & FIELD
150,000 SQUARE FOOT

HYDROCHILL™ EVAPORATIVE COOLING SYSTEM

100% UNIQUE

The HydroChill system is unique in the industry and is an innovative and patented technology from Shaw Sports Turf. No other company can provide a system that reduces the temperature of the synthetic grass surface up to 50 degrees Fahrenheit.



LOWER THE TEMPERATURE OF THE PLAYING SURFACE OF UP TO 30°C

THE SYNTHETIC GRASS IS REVOLUTIONIZING SPORTS FIELDS. HOWEVER, VERY HIGH TEMPERATURES CAN DEFINE WHETHER YOU CAN PLAY OR NOT. WHEN IT'S TOO HOT AND SUNNY, THE SURFACE TEMPERATURE OF THE SYNTHETIC GRASS CAN RISE ABOVE 70 DEGREES CELSIUS.

Fortunately, Shaw Sports Turf has invested millions of dollars in R & D to discover and come up with an innovative product, unique in the world and patented for the next 15 years!

It's called HYDROCHILL™ EVAPORATIVE COOLING SYSTEM

Whether it's the repetitive grind of practice or the last drive to win the game, athletes feel the heat..... in more ways than one.

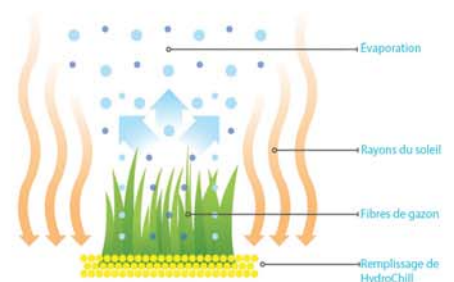
It's no secret that synthetic turf fields can be hot. That kind of heat affects athletes, too.

Now, with the development of the HydroChill™ cooling system, athletes can focus on the task, not the temperature.

The HydroChill system cools your field like nature cools your body.

Sweating is a natural means of thermoregulation called evaporative cooling. Evaporation of moisture from the skin's surface has a cooling effect.

Similarly, HydroChill™ has been shown to cool synthetic turf surfaces by working on the same principle. As the turf surface is heated by solar radiation, moisture stored in the HydroChill turf is released.



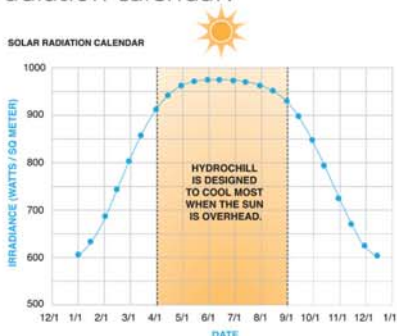
HYDROCHILL UTILIZES MOISTURE TO PROVIDE A COOLING EFFECT. RAINFALL, DEW OR IRRIGATION CAN HELP KEEP THE FIELD COOL FOR DAYS, DEPENDING ON LOCAL CONDITIONS.

Evaporating moisture removes heat, leaving a cooler more comfortable surface for the players.

Ambient temperature outside doesn't necessarily dictate surface temperature. The solar radiation time period, sun's angle, cloud cover, wind and other elements all contribute to the temperature of the surface.

A standard field with a wet surface will cause some cooling, but temperatures can quickly rise and may exceed uncomfortable levels of heat. A HydroChill field has been shown to create a substantial temperature differential in real-world applications.

HydroChill provides maximum benefit when the sun is nearest the Earth, as shown in the solar radiation calendar.



HYDROCHILL CAN BE INCORPORATED INTO MOST SHAW SPORTS TURF INFILLED SYSTEMS. HYDROCHILL IS UV-RESISTANT. HYDROCHILL WILL NOT AFFECT THE PERFORMANCE CHARACTERISTICS OF SYNTHETIC TURF AND WILL NOT AFFECT THE WARRANTY OF ANY SHAW SPORTS TURF FIELD.

When should the system be hydrated?

As a general rule, the system should be hydrated every three to four days if there is no significant rainfall (significant defined as ¼”). This can vary depending on humidity and partial cloud cover. We recommend hydrating in the morning, before the field gets hot. Typically this should be done before 10:00 a.m.

Every installation will need to be monitored to develop a customized watering plan specific for that site.

How much should it be hydrated?

As a general rule, 12,000 gallons of water for an 85,000 square foot field. That is the equivalent of ¼” of rain.

Depending on the watering source, 300 gallons per minute over 10 minutes should cover ¼ of the field.

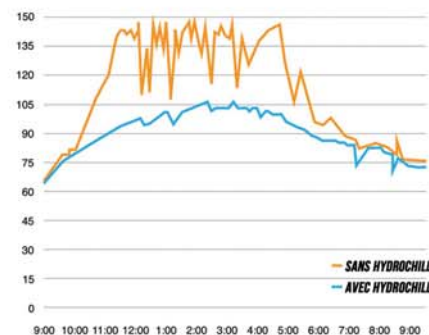
We would not recommend anything faster than this. The watering process can be done slower than this.

That would be dependent upon how much time the customer has to water and what watering methods are available.

How to groom the field?

The grooming of the field does not change from the methods described in the Shaw Sports Turf maintenance manual, and demonstrated after the installation. The most important point to note is that the field should not be groomed when it is wet (from rain, watering of the system, or dew).

HYDROCHILL™ PATENTED TECHNOLOGY HAS BEEN DEVELOPED THROUGH YEARS OF TURF SYSTEM RESEARCH. IT HAS BEEN VETTED WITH LABORATORY TESTING AND, MORE IMPORTANTLY, OUTDOOR FIELD TESTING.



Based on actual lab and outdoor field thermocouple testing, HydroChill has achieved 30°C lower surface temperatures compared to a standard synthetic turf system.

Further testing was performed by a FLIR-Certified Thermographer using the most advanced camera imagery and technology.

The FLIR camera was calibrated for emissivities of various materials used in the turf system so additional accurate temperature measurements could be obtained.





**NATURALLY
SYNTHETIC**

**FOR MANY PEOPLE,
IT IS CONTRADICTIONARY TO
THINK THAT REPLACING
NATURAL GRASS WITH
ARTIFICIAL TURF CAN BE
ENVIRONMENTALLY
FRIENDLY.**

There are several benefits linked to artificial turf. The fact of not using the mower and other garden machinery, reduces emissions and pollution caused by them. The use of pesticides and fertilizers in the soil is also no longer necessary.

For sports fields, the natural grass is often replaced by artificial turf.

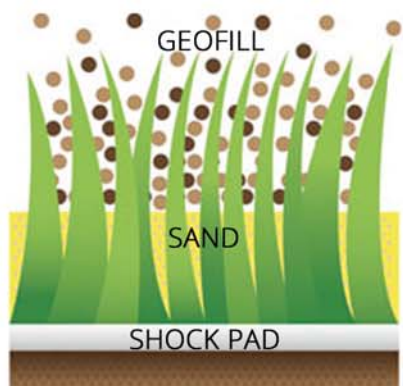
To make it safer and increase shock absorption, the main solution is to put rubber granules from recycled tires. However, many clients switch to a 100% all natural product, environmentally friendly and as efficient to the previous solution; The GeoFill® infill.

The GeoFill infill system is made up of three layers—100% organic materials consisting of mainly coconut fibers, sand, and a pad layer for shock absorption.



GeoFill provides natural footing and support without the mess and instability of dirt. A great natural infill alternative, GeoFill allows for clean water runoff, is 100% recyclable and is naturally resistant to mold and fungus.

Engineered for traction and performance, GeoFill provides a stable surface for the athlete by preventing infill shifts and flyout, and excels in critical ball to surface interactions such as ball roll and ball bounce. GeoFill systems are naturally cooler due to the fact that the composition of materials holds in moisture.



THE INFILL MATERIALS ARE PLACED IN THE TURF IN LAYERS.



AN INITIAL WATERING RESULTS IN A UNIFORM INFILL LAYER.



Is a shock pad required?

For GeoFill systems with organic and sand materials, a shock pad is required.

Shock pads provide additional safety and performance benefits, including shock attenuation which can help prevent injuries from tackles, trips and falls throughout the season.

Shock pads are highly elastic and provide great shock absorption. In conjunction with the GeoFill infill, the system will yield low g-Max levels (head safety) yet have vertical deformation (foot stability) and force reduction (lower extremity protection) values in range of high quality grass.

How will Geo Fill react in harsh weather conditions such as extreme winters?

With proper maintenance (regular brushing and an annual decompaction), GeoFill can be used in colder climates. In order to prevent frost, salt can be used twice per year with no risks to the turf, players or quality of game.

For severe climates, GeoFill can be customized in a special blend of infill materials.



What maintenance is required?

As with any synthetic turf system, maintenance is required—more so than SBR rubber fields, but much less compared to a natural grass field.

The following maintenance procedures are required for Shaw Sports Turf systems with GeoFill.

- Requires moisture for optimal performance. Amount dependent on environmental conditions including rain, dew & relative humidity.
- Requires an annual de-compaction of the infill in addition to regular brushing as needed (weekly or after 100 hours of use).
- Requires top dressing. Frequency and amount dependent on use of field, regularity of routine maintenance, and other environmental conditions.

In most cases, this is performed on a yearly basis.



WHAT'S NEW IN 2016?

The year 2016 will be no exception for GTR Turf, the company will continue to introduce new features in their product and service line, but also in its strategic planning. Several innovations will be announced in 2016. New markets will be developed, and a new division will be created in early January..



**YOU WISH TO BECOME ONE OF OUR PARTNERS OR RESELLERS FOR OUR NEW LINE OF RESIDENTIAL PRODUCTS,
PLEASE DO NOT HESITATE TO CONTACT US AT [1-877-456-8873](tel:1-877-456-8873) OR EMAIL US AT INFO@GTRTURF.COM**

As of January 2016, GTR Turf will launch new Shaw Sports Turf synthetic grass products intended for residential use.

This new high quality product line complements the products launched by Shaw Sports Turf a few years ago. GTR Turf had already started installing synthetic grass for homes, daycares, schools, children's playgrounds and mini- golf courses (putting green). However, with the new Shaw Grass artificial turf products, designed specifically for the residential sector, GTR Turf is officially launching its landscaping division.

Through partnerships and resellers, GTR Turf plans to enter the Quebec market in order to commercialize its residential grass. This will now make it more affordable to redo a backyard or school/daycare playground with the new Shaw Grass products.



Following the great success of its commercial mission in Mexico and the significant potential benefits in this market, GTR Turf intends to continue expanding into the Latin American market by pursuing its initiatives in Central America and South America.

Countries such as Costa Rica, Panama, Argentina, Brazil, Equator and Chili recorded incredible performances in regards to their professional soccer selections.

This affects development of new synthetic grass surfaces in these countries, and GTR Turf plans on being there to help these countries in obtaining the best fifth-generation synthetic grass system, including the unique surface cooling system, the HydroChill.

GTR TURF THE CONQUEST OF LATIN AMERICA



IN 2016,
PLAN THE
INSTALLATION OF
SYNTHETIC TURF

A SMART INVESTMENT THAT WILL ADD EXCELLENT VALUE TO YOUR COMMUNITY

Installation of a synthetic turf field is not a small investment. However, it can have numerous benefits. Installation of a synthetic turf field is not a small investment. However, it can have numerous benefits.

Our Shaw Sports synthetic turf is the best in the industry and can generate recurring revenue for your organization.

Our artificial turf offers many benefits; versatility, 24/7 availability and surface stability regardless of weather conditions. Your field may be used for longer periods of time, more tournaments and more special events than if it was made of natural turf. The revenues generated by a single event can translate into thousands of dollars for your community.

Your Shaw Sport artificial turf can also save you money during its life cycle in comparison with a well-maintained natural grass field.

- No field closures due to rain
- Looks similar to natural grass
- No water, no pesticides or fertilizers required
- Supports high traffic for all practiced sports, minimum maintenance
- No contamination of storm waters from pesticides and fertilizers
- Reduces carbon footprint

HOW MUCH WILL YOU SAVE IF YOU REPLACE YOUR NATURAL GRASS FIELD WITH A SYNTHETIC TURF FIELD?

BASED ON A 100,000 SQUARE FEET FIELD

Expense	Natural grass field	Synthetic turf field
Initial Installation	\$390,000	\$440,000
Maintenance cost	\$12,000	\$2,500
Equipment	\$4,000	\$1,500
Fertilizers	\$2,000	\$0
Grass Seeds	\$4,000	\$0
Sprinklers repair	\$1,000	\$0
Lines painting	\$2,500	\$0
Total annual maintenance cost	\$25,500	\$4,000
X 10 years	\$255,000	\$40,000
Total cost after 10 years	\$645,000	\$450,000
Total savings	-----	\$165,000
Savings per year	-----	\$16,500
Number of events per year	55 events	735 events
X 10 years	1650 events	7350 events
Cost per use	\$390.91	\$65.30

Synthetic turf, a smart choice that gets smarter when you choose GTR Turf.



**PROTECT YOUR INVESTMENT
MAINTENANCE IS IMPORTANT**

Your synthetic turf system represents a significant investment.

It is also a key part of your sports program, recreational or physical education.

The following maintenance recommendations and simple suggestions will help you achieve the full potential of your playing surface and will greatly increase the life and performance of your product.:

PROTECTING YOUR SURFACE

It is good business to protect your investment and take care of your synthetic turf system. To do this most effectively, KEEP IT CLEAN.

The following maintenance precautions are advised:

- Control access to field
- Keep your surface free of litter, mud and debris
- Post signs prohibiting smoking and carrying food or drink onto the field
- Minimize and properly monitor the use of motorized vehicles on your surface
- Repair minor damage promptly
- Follow suggested maintenance and cleaning procedures

MAINTENANCE CLEANING AND STAIN REMOVAL

For outdoor surfaces, rain is the best cleanser. Rainfall gently cleans the fibers of dust, pollen and airborne pollutants in a way that is difficult to duplicate. In areas where rainfall is scarce – or during prolonged periods of drought – an occasional watering is beneficial to cleanse the synthetic surface.

DAILY CARE

Daily care is on-going care, it does not necessarily mean care each and every day. The amount and frequency of daily care is dependant on not only the surface, but also by the volume and the type of use. Shaw Sports Turf recommends that every Shaw turf system shall be periodically groomed and swept to remove litter and dust etc.

LITTER REMOVAL

Light trash (paper, peanut shells, sunflower seeds, athletic tape etc.) and airborne dust can be removed easily with a lawn sweeper or maintenance sweeper.

STAIN REMOVAL

Shaw Sports Turf fibers are among the most stain resistant in the industry. Most stains are not “true” stains but rather residue of foreign matter that must be promptly and thoroughly removed.

The first rule in spot removal is promptness. It is always easier to clean up a fresh spill than one that has dried and hardened. Remove any solid or paste-like deposit with a spatula or table knife. Blot up excess liquids with a thick stack of paper towels or a dry absorbent such as “kitty litter” or Fullers Earth. Dry absorbents can then be swept or vacuumed up.

Shaw Sports Turf surfaces provide good resistance to staining. However, it is important to realize they are only one part of a sophisticated system of various components designed for overall field performance. Some cleaning agents that are safe for the fiber can be harmful to other components of the system.

MINOR REPAIRS

Your playing surface has been carefully engineered to provide many years of service. In the case of vandalism or unusual abuse, limit your maintenance staff to performing minor repair.

For more serious problems, consult your GTR Turf representative.

WHEN TO REPAIR

To properly maintain a synthetic playing field, be aware of day-to-day activities, usage and condition of the facility. It is very important that any minor damage be repaired immediately because a small problem may eventually grow into a major repair. In addition to routine awareness of field conditions, once or twice a year, each field should be given a careful and thorough inspection, preferably in the spring with a follow-up in early fall. All seams should be inspected and any loose areas noted and repaired.

Go over the body of each panel of fabric and note any rips and/or tears. Assess the status of the under-padding and the condition of the surface. In the case of an older and/ or heavily used field, inspections should be made more frequently.

WHY A SPRING INSPECTION?

Your GTR Turf representative is always available to assist in the case of an emergency, but planned visits permit more efficient and cost effective service.

If repairs are required they are easier to make in warm, dry weather. Adhesives will hold better and cure faster when there is more opportunity to leave the repaired area undisturbed. Gluing repairs should not be attempted if the field is wet.

COMPARE NATURAL GRASS WITH SYNTHETIC TURF.

NATURAL GRASS

SYNTHETIC TURF

DURABILITY

Rest time required for overuse, rain, watering and other maintenance requirements

No closing fields due to rain
24/7 play
5x the usage of natural grass

PERFORMANCE

Uneven or damaged playing surfaces can affect ball roll, speed and even athlete performance

Designed around six critical performance tests to ensure maximum athlete-surface interactions and ball surface interactions

DRAINABILITY

Muddy or puddle surfaces can retain water for hours and sometimes days preventing play

Can handle up to twenty inches of rain an hour, keeping the field safe and playable

No rainouts mean a reliable schedule without any lost revenue

SAFETY

Damaged and uneven surfaces, especially hard, compacted areas can result in lower g-Max ratings

Provides a uniform and consistent playing surface

Uneven surfaces increase the chance athlete injuries such as sprained muscles and twisted ankles

AESTHETICS

Large divots and discolored bald/dead areas can result in an unattractive field and can require costly repair

Looks and feels like natural grass

Maintains consistent and well-groomed look throughout its lifespan

NATURAL GRASS

WARRANTY

In most cases, warranties are not offered for anything but the quality of the original installation

MAINTENANCE

Weekly and even daily maintenance required

In some cases re-sodding is required on an annual basis

ENVIRONMENTAL

Requires water and dangerous pesticides and fertilizers

Lawn equipment produces air pollution



SYNTHETIC TURF

Insurable eight-year warranty backed by Shaw Industries

Berkshire Hathaway ensures that we stand behind our products from the first day of installation to the end of its lifecycle

Minimal upkeep

Requires less maintenance, no watering, fertilizers and pesticides

Conserves millions of gallons of water every year

Does not require dangerous fertilizers of pesticides

No contaminated storm water runoff from fertilizers and pesticides

There is not need for pollution producing maintenance equipment

Because our infill is composed of rubber, we save millions of tires each year from landfill

At the end of its lifecycle, all components of the turf system can be recycled



GTR TURF AT THE HEART OF ITS COMMUNITY

On August 15, 2015, during its annual artificial turf mega-sale open to the general public, GTR Turf invited the St-Jérôme Pumas, an organization of 3 American Football teams including more than 200 players aged 7-14, to raise funds for their annual gala.

For the occasion, GTR Turf planned many activities to entertain the participants: a mini golf course, courtesy of Mini-Golf Mobile, two inflatable structures, a miniature artificial turf football field and face painting for kids.

In addition, a large BBQ and many prize draws, including an helicopter flight over Mont-Tremblant, offered by Héli-Tremblant, helped to raise \$1,100. GTR Turf doubled this amount to increase revenues in order to support sport development and encourage physical activity among young people.

At GTR Turf, we are dedicated to the communities where we live and work.

Through volunteer work and financial investments, our commitment is to get involved with sport teams of young athletes.

Our company wants to be at the heart of its community.

Involvement in amateur sport is a cause especially dear to Mr. Luc Rochon, President and CEO at GTR Turf.



SOCIAL AND COMMUNITY INVOLVEMENT IN MEXICO

GTR TURF

IS COMMITTED TO EMBELLISHING THE CITY OF MONTERREY IN MEXICO, IN COLLABORATION WITH ITS PRESTIGE PARTNER AND THE LOCAL GOVERNMENT.

In partnership with a major construction company in Monterrey, Mexico, GTR Turf will enter the Mexican market with a social and community project.

All the synthetic turf recycled from field removals, will be offered to the city of Monterrey, Mexico, to embellish the city. They will install the synthetic turf along highways and under bridges and viaducts.

ALONG ROADS

UNDER VIADUCTS

PUBLIC PLACES

UNDER BRIDGES

ALONG HIGHWAYS

If you are interested to launch a similar project in your city, contact us and it will be a pleasure to work with you.

TIPS AND TRICKS!

HOW TO MAINTAIN YOUR RESIDENTIAL SYNTHETIC GRASS.

Synthetic grass is a smart choice as it is designed to last a long time and requires less maintenance than natural grass. Nevertheless, it remains true that minimum maintenance is required to extend the lifetime of synthetic grass.

Indeed, through changing seasons and weather, dirt starts to build up and may cause the grass to lose its original appearance. Synthetic grass is designed to allow rain or irrigation water drainage. To remove dust, traces of mud and dirt caused by animals, it is therefore suggested to use a jet of water.

To collect fallen leaves, it is best to use a plastic rake. The use of a metal rake should be avoided as it can damage the fibres in the product.

To remove stains, do not use chemical cleaners: cleaning with lukewarm water and mild soap will be enough to remove stains.

To remove a chewing gum imbedded in the synthetic grass, it is recommended to use an ice cube to harden it. It will then be easy to scratch the surface to remove residues. Sometimes, weeds can pierce through the synthetic surface. If so, you must first remove the plant by making sure to remove its roots. Next, you must spray biodegradable herbicide to avoid its regrowth.

Similarly, in the event of moss or mushrooms, a light fungicide must be applied on the affected surface. In high traffic areas, the grass strands will flatten and the surface will lose some volume, elasticity and shine. To give it back its original look, you should use a broom to sweep against the grain. It is also advisable to periodically perform a filling operation. It is strongly unsuitable to store heavy objects, equipment or vehicles on a synthetic surface.

If you follow these tips, the synthetic grass will preserve its nice look and last longer. Product maintenance is quick and easy, which makes it a much more advantageous choice than natural grass.



CALL ONE OF OUR SPECIALIST ,
WE'LL TAKE CARE OF YOUR TURF.

1 877-456-8873

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JOIN THE CONTEST!



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\$50K

TO CUSTOMIZE YOUR SPORTS FIELD

FOOTBALL - SOCCER - BASEBALL - RUGBY - MULTI-SPORT



LETTERING

AND / OR

LOGO

AND / OR

COLORS



TO ENTER THE CONTEST, VISIT OUR WEBSITE: WWW.GTRTURF.COM

CONTEST BEGINS ON : JUNE 1ST 2016 THE DRAW : DECEMBER 15TH 2016

THIS CONTEST IS EXCLUSIVE TO ALL CANADIAN EDUCATIONAL INSTITUTIONS, MUNICIPALITIES AND PUBLIC OR PRIVATE ORGANIZATIONS, WITH A REAL PROJECT INSTALLED OR TO BE INSTALLED IN 2016 AND 2017. THE CUSTOMIZATION WILL BE EXECUTED IN 2017 BY GTR TURF. VALID FOR INDOOR AND OUTDOOR FIELDS INSTALLED BY GTR TURF IN 2016 OR 2017. CONTEST VALID IN CANADA ONLY. NO MONETARY VALUE.

HOW SYNTHETIC TURF CAN REDUCE SPORTS INJURIES



It has often been argued that synthetic turf induces sports injuries. The case is the opposite actually. Shaw Sports turf's next generation of synthetic turf systems are designed, having in mind, safety as a big priority. The technology used in Shaw's synthetic turf is so advanced that they not only are easier to maintain than natural grass, they help sportsmen avoid injuries too.

Natural grass surfaces, if not well maintained, pose a great injury risk to sportsmen. Maintaining a grass field can be very difficult especially in cold areas like northern part of America.

The snowfall and the eventual melting creates irregularities on the grass. Hence maintaining the same is not only costly, it needs professional expertise.

Synthetic turf on the other hand provides greater traction, rotation and slip resistance, surface abrasion and stability.

A stadium is usually used for many activities apart from the sports being played there.

This sometimes includes special events, concerts etc which again, damages the grass surface.

Shaw Sports Turf has invested a large amount of money in R&D, to develop their patented technology to reduce the temperature of the playing surface of up to 30 degrees Celsius.

This technology prevents burns and adds confidence to the athletes when sliding on the artificial grass.

Synthetic turf on the other hand is easy to replace and maintain.

As a consequence, after such incidents like snow or varied usage of the field where the field gets damaged, the turf can be repaired easily to ensure sportsmen get a fresh surface to play with. This ensures that the chances of field induced injuries are kept to the minimum level providing peace of mind for players.

Shaw sports turf's synthetic turf are made up of high quality materials which closely represents a grass surface. With low cost of maintenance and higher durability resulting in reduced danger of induced injuries among players, Shaw's synthetic turf is definitely a winner over the competition.

SWITCHING YOUR NATURAL GRASS FIELD TO A SYNTHETIC TURF FIELD



Synthetic turf fields have a natural life of eight to ten years but their life depends on the installation and maintenance. If you are planning to convert to synthetic turf field, GTR Turf is your best bet. We are a team of synthetic turf experts who are experienced in this field.



This will ensure that the work done is professional and your investment is in the best hands. Although synthetic turf fields have higher upfront cost than grass fields, the cost is recoverable within three to four years proving to be a cost effective investment. They can be used for 3000 hours of play per year since they don't need resting periods.

This is equivalent to two to three times less than natural turf since it does not need mowing, irrigation or chemicals. Because of lower maintenance requirement, a synthetic turf field can be used for other activities when not being used for games. This means that fields with synthetic turf can be rented out for community events, school and college programs in between game days. This helps in earning extra bit of revenue from the field and results in quick recovery of cost of synthetic turf installation.

Unlike grass turfs, synthetic turf can hold up under heavy use. Grass turfs need more maintenance and cannot be played on during or immediately after a rain storm or application of pesticides or fertilizers. Synthetic turf does not have these issues. Synthetic turf can be played on immediately after maintenance and hence can withstand heavy use. Synthetic turf required lesser time and money to maintain than a grass field.

While switching to synthetic turf, it is important to know the various types of artificial grass available in the market.

An expert guidance by GTR Turf in this regard may prove to be extremely beneficial. This will not only help in making the right choice of the turf, according to your needs, it will also help in providing the best of the best to your athletes.

IT'S TIME TO REPLACE YOUR OLD SYNTHETIC FIELD

Is your synthetic turf field more than a decade old? Is it flat and needs another round of infill? Is your synthetic turf field exposed to high temperatures or even if you brush it, we can only see the infill...?

It's time to replace the synthetic turf. Synthetic turf is made up of artificial materials which require regular maintenance like additional infill, irrigation due to unacceptable high temperatures on sunny days, chemical disinfectants etc.

Maintenance of synthetic turfs are crucial to players and sportsman to ensure their overall health and wellbeing. Hence drainage to synthetic turf needs to be repaired and maintained, temporary lines and damages need to be tended to at regular interval.

While regular maintenance increases the life of synthetic turf, heavy usage over the 9 year period can make the field unsafe.

Uneven spots, less to no turf fibre and detached places can harm the athletes and cause serious injuries.

However, if replaced every eight to ten years or upon extreme damage, synthetic turf can not only benefit players to a great extent, they are much low maintenance and much less costly than natural grass. Natural Grass are high maintenance and they have high replacement cost as well. Synthetic turfs on the other hand are three times less costly in maintenance than normal grass which is a boon for people maintaining and using them.

So look at your synthetic sports field once again. Does it have an odour, does it look damaged? Does it need urgent tending? Is it more than ten years since it was installed?

If the answer to any of the above questions is yes, your synthetic sports field needs to be changed to ensure a healthy life to sportsmen and to reduce heavy maintenance costs.



BOUTIQUE-STYLE SYNTHETIC SPORTS FIELD CONSTRUCTION AND INSTALLATION SERVICE

While looking for an artificial turf provider, it is best to hire real experts and take professional guidance by the specialists that have been in the industry for a long time. It does not always mean to take the biggest company, the oldest company or the best branded company. It means, having a trusted advisor from the beginning to the end of the project, and beyond.

The synthetic turf world can lack human touch, especially since speaking to a company's automated phone service has become the norm. Further, in many large synthetic turf companies, decisions can be dragged out as they climb the hierarchy-ladder.



- Luis Rochon
President and CEO
GTR Turf



- Jacques Zara
Sales Vice President
GTR Turf

GTR Turf puts an end to this impersonal trend by ensuring top management is always a phone call away. Our personal touch puts you front and centre and not buried somewhere on an internal organization chart. Our professional but accessible management works to develop close working partnerships and strives to identify with you, your needs, your reality and your goals for your new synthetic turf sports field.

However, it is your field and you are the best judge for it. Hence, GTR Turf's boutique-style synthetic turf installation and construction services means the President and the rest of the upper management are involved in the entire process and helps the construction and installation team build your dream field.

When you approach a GTR Turf expert for such boutique service, the expert will first sit with you and understand what your real requirement is. This involves not only understanding your requirement, it also involves understanding what are the problems faced by you previously with regards to the earlier field surface, if that's the case. This ensures that the product that you invest in meets your expectations and the results will exceed your expectations. After this process of understanding your requirement, the professional team draws up a range of alternatives to suit your needs and the alternatives are then explained to you to help you understand which suits you better.

The professionals will provide you guidance at every step. Once the material and solution has been defined, the team will start implementing the turf and GTR Turf's upper management will be involved with you in the entire implementation process. Finally, after the implementation, the installation team trains your maintenance team on the kind of maintenance required and how to do the job. A well trained maintenance team will help increase the longevity of the turf bringing in more value for your investment.

GTR Turf's boutique-style construction and installation services have become extremely popular due to the nature of their inclusivity and are being claimed by more and more clients across the world.

THE ADVANTAGE OF PLAYING LOCAL, IT'S PERFORMING FOR YOUR FANS ON YOUR OWN FIELD!

YOUR GAME... OUR TURF



GTR TURF

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