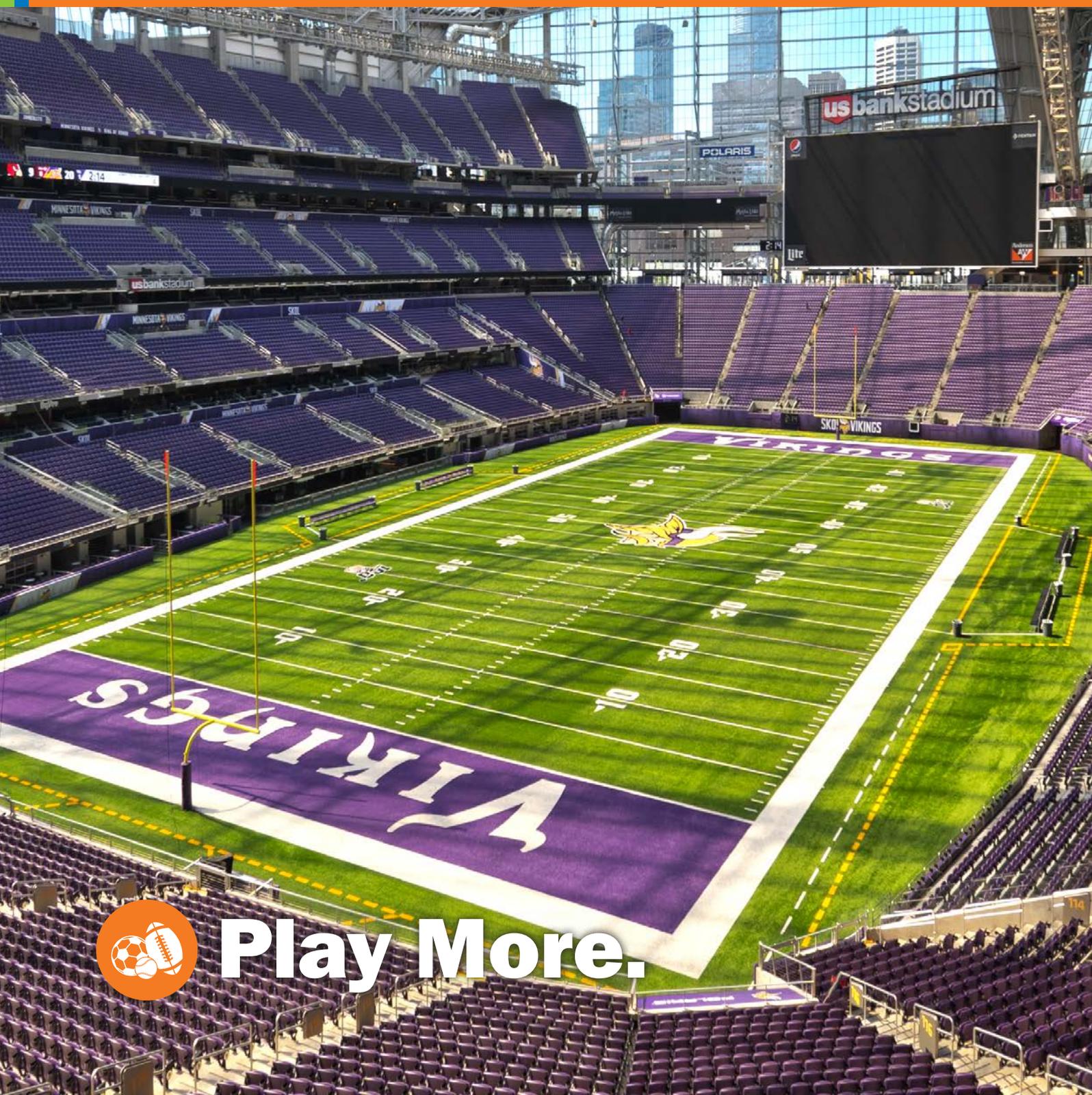


# XtremeTurf™



GROUND GEAR FOR  
**Athletes**



# Play More.

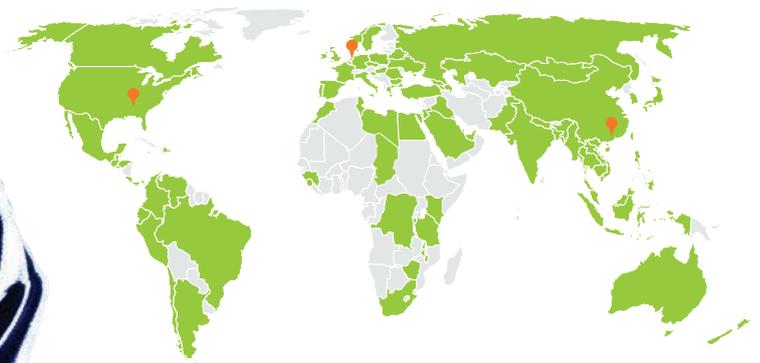
# SPORTS TURF | **Play More.**

## WORLD CLASS SYNTHETIC TURF FOR SPORTS

***XtremeTurf***™



- ✓ **1,800+** Sports Field Installations Worldwide
- ✓ **13** Act Global branded NFL fields and over **280** FIFA Certified fields
- ✓ **USA**-based research, manufacturing and construction firm
- ✓ Worldwide industry & charitable partnerships
- ✓ Player safety & performance based on top natural grass stadiums



📍 **Manufacturing facilities on 3 continents**  
■ **Installations in over 90 countries**

### **1<sup>ST</sup> TO INSTALL FIFA CERTIFIED**

Projects in Brazil, Burundi, Georgia,  
Guatemala, Indonesia, Malawi,  
Mexico, Taiwan, Singapore,  
Malaysia, Vietnam, & Zimbabwe



## Putting Players & Communities First

Act Global's technical and social culture is dedicated to serving the safety and performance needs of players. Through verified testing, global outreach and support of world aid organizations, we can positively impact the communities where we live and the planet we inhabit.

### OUR AFFILIATIONS



FIFA  
QUALITY  
LICENSEE



SportsTurf  
MANAGERS ASSOCIATION



SAPCA  
MEMBER



Someone is playing on our turf  
**Every minute,  
of every day.**

24/  
7

## We understand and address the need for **Player Safety & Performance**

The opportunities for synthetic turf have grown significantly, driven by environmental factors, maximizing land use and improving player performance and safety. All our sports product lines are fully tested for quality, performance and environmental safety to maximize benefits to players, coaches, communities and more.

**75%**  
OF PLAYERS RELY UPON  
COACHES FOR SAFETY\*

### OVERUSE AND FATIGUE

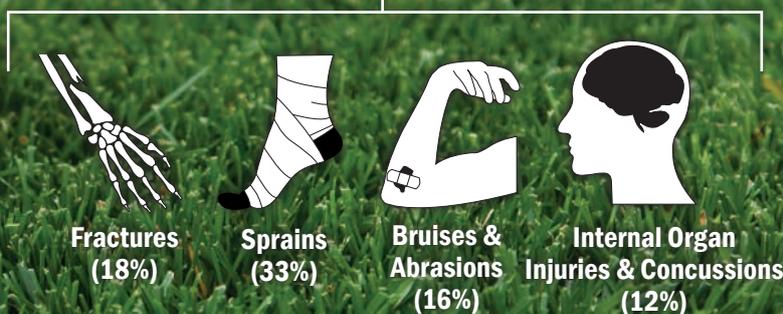
Many players do not incorporate enough rest time between training hours and games, and overuse and fatigue will influence injury rate.

**“41% of player injuries can be related to fatigue.”**

### ATHLETE INJURIES

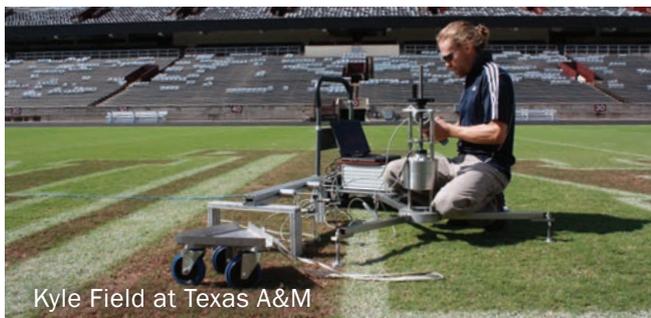
- ✓ In 2012, **1,353,750** children under age 19 visited an emergency room for sports injury.
- ✓ **1 in 3** were injured seriously enough to miss practices or games, and some suffer life-long consequences.

### Most Common Injuries





# Natural Grass Benchmark Testing



Kyle Field at Texas A&M



Yankees spring training field

Act Global is the first company to obtain scientific data comparing natural grass for football, soccer and baseball fields with FIFA and Synthetic Turf Council guidelines. Testing has taken place at New York Yankees and Houston Astros spring training facilities, top European natural grass soccer stadia, NFL facility natural grass field and Kyle Field at Texas A&M.

**Results confirm the synthetic turf manufactured by Act Global is comparable in performance, quality and safety to natural grass at top stadiums in pristine condition.**

## Balancing System Components

### SHOCK ABSORPTION



(g-max & HIC)

### VERTICAL DEFORMATION



### TRACTION



### SKIN FRIENDLY



### DECELERATION



### SLIP RESISTANCE

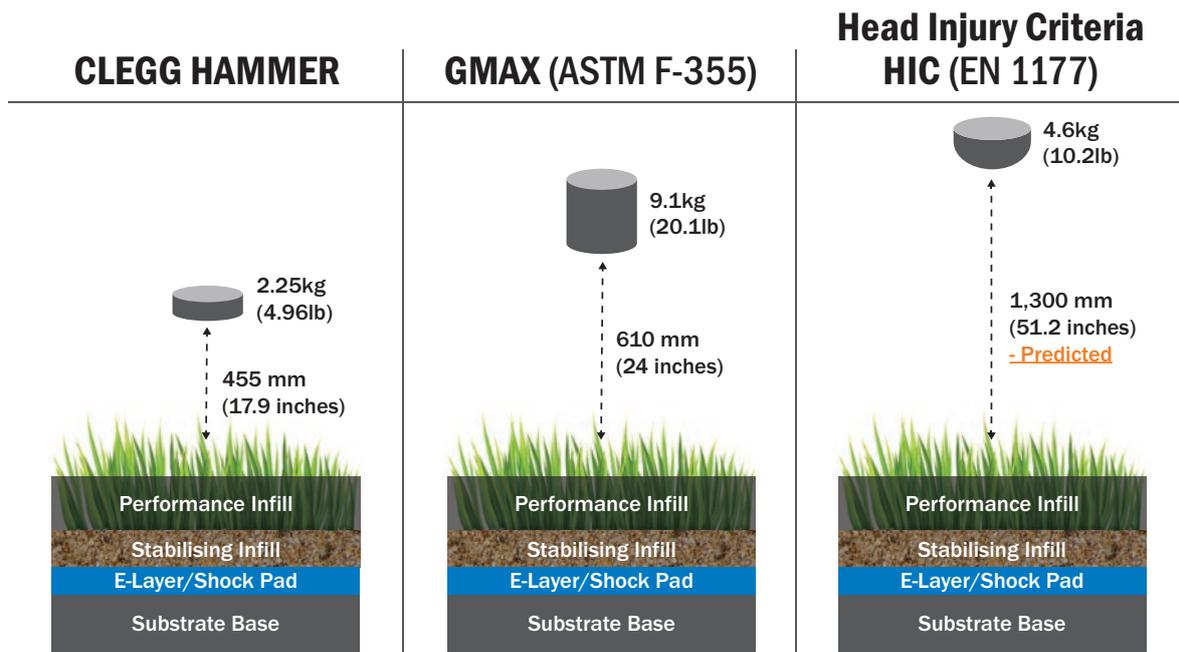


We must maximize shock absorption while limiting vertical deformation. This proper balance can improve foot stability, prevent ligament stress, and reduce player fatigue and injury.

Our top quality fibers offer both softness and durability, while optimal yarn distribution and infill levels improve surface to foot interaction.

A surface must allow players to start and stop quickly and safely in a fast paced game.

## Shock Absorption Test Comparisons



## Durability



**UP TO 200,000 LISPORT CYCLES FOR MONOFILAMENT  
AND 150,000 FOR FIBRILLATED YARNS**





Our products are developed using maximum UV inhibitors to withstand heavy use and intense climatic conditions. Fibers last longer and perform better.



## OVER 97% TENSILE STRENGTH RETAINED AFTER 3,000 HOURS OF UVA TESTING



## COLORS THAT LAST

The following colored yarns passed climatic testing to achieve lasting durability, performance and color stability in all climates. They exceeded industry standards for EN 15330-1, FIFA, IRB, STC and FIH.



Black



Navy Blue



Florida Blue



Cardinal Red



Yellow

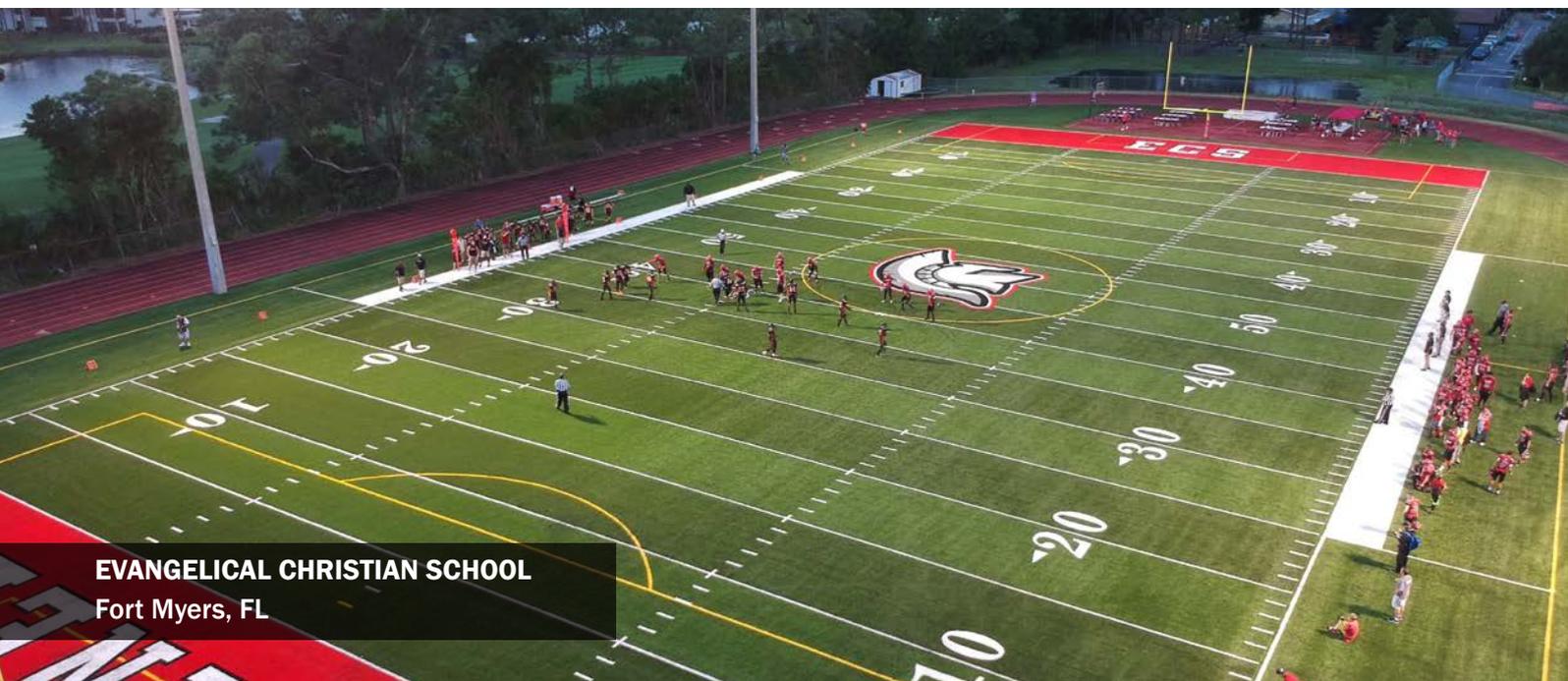


Grey



White

# FOOTBALL | Play More.



## ***XtremeTurf***<sup>™</sup>

## **600+ FOOTBALL FIELDS**

### **Performance Leaders for Professional & Community Fields**

Safety and durability are of the utmost importance for football players. We consider the unique needs of high impact sports to design systems which protect on impact while enhancing performance.





# Home of the 2018 Super Bowl LII



U.S. BANK STADIUM  
Minneapolis, MN



**13**  
NFL FIELDS  
**40+**  
NCAA FIELDS

## Leading Brand for NFL & NCAA Division 1 Football Fields

Act Global's UBU brand is one of the leading synthetic turf systems used in a variety of sports, including football, soccer, baseball, rugby, field hockey and lacrosse. UBU is known for providing top quality turf for teams ranging from professional franchises, collegiate and major indoor arena leagues to local high schools and municipalities. Venues that have utilized turf with the UBU brand include MetLife Stadium, Mercedes-Benz Superdome and U.S. Bank Stadium. UBU incorporates science and technology into each surface, providing the ultimate Ground Gear for Athletes.



SAN FRANCISCO 49ERS TRAINING

# INSTALLATIONS

## **NFL**

TEAM	GAME	PRACTICE	TRAINING
Arizona Cardinals		•	
Buffalo Bills		•	
Chicago Bears		•	•
Denver Broncos		•	
Houston Texans		•	
Minnesota Vikings	•		
New Orleans Saints		•	•
Pittsburgh Steelers		•	•
San Francisco 49ers		•	
Tennessee Titans		•	
	1	9	3

**13 FIELDS**

## **NCAA**

- ✓ Illinois College
- ✓ New Mexico State University
- ✓ Purdue University
- ✓ Southeastern Louisiana University
- ✓ University of California - Berkeley
- ✓ University of Kentucky
- ✓ University of Massachusetts - Lowell
- ✓ University of Minnesota
- ✓ University of Nevada - Las Vegas
- ✓ University of Northwestern (3 fields)
- ✓ University of Oregon (3 fields)
- ✓ University of Pittsburgh (2 fields)



**PITTSBURGH STEELERS**  
Practice facility



**CHICAGO BEARS**  
Walter Payton Center



**UNIVERSITY OF KENTUCKY**  
Lexington, KY



**MONTREAL OLYMPIC STADIUM**  
Montreal, Canada

*Home of the FIFA Women's World Cup 2015*  
*Photo by Tamsin Bussières*

## Over 250 FIFA Certified Pitches on 6 Continents

### FIFA QUALITY LICENSEE FOR SOCCER TURF

- ✓ FIFA Quality Licensee headquartered in the USA
- ✓ Stringent testing procedures at championship levels
- ✓ Expert maintenance extends life

**FIFA  
QUALITY  
LICENSEE**

### FIFA SOCCER SYNTHETIC TURF STANDARDS

The FIFA initiative ensures that artificial turf fields meet the highest standards in terms of quality, performance and safety according to the needs of the end user. Act Global uses FIFA benchmarks in its product development, quality standards and sport performance test methods. Act Global has supplied over 250 FIFA Certified installations worldwide.

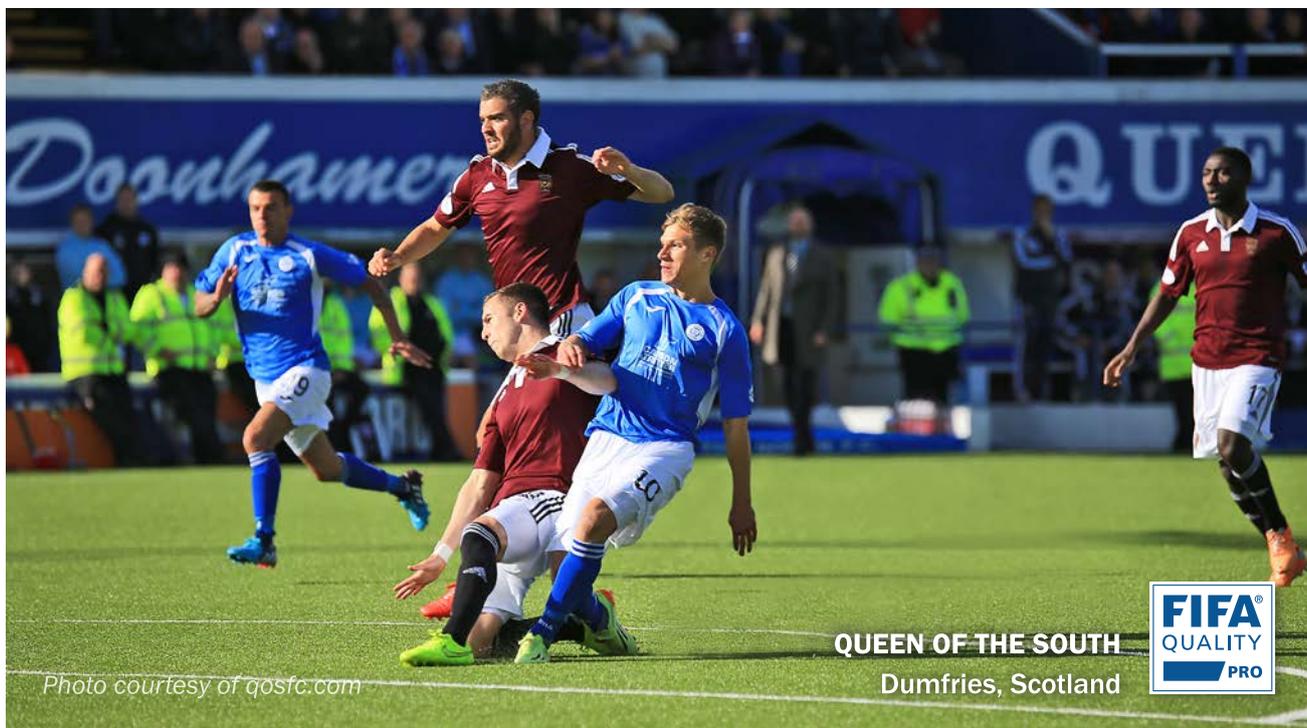


Photo courtesy of qosfc.com

QUEEN OF THE SOUTH  
Dumfries, Scotland



## United Soccer League Partners with Act Global

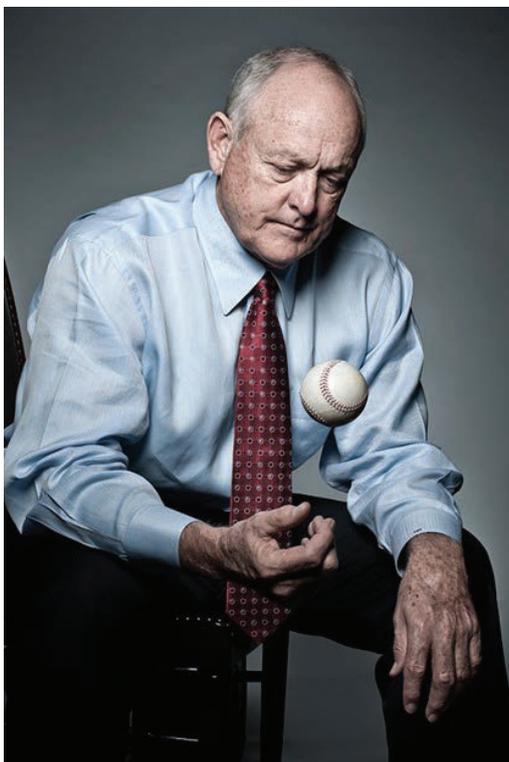
**ACT GLOBAL BECOMES THE OFFICIAL SYNTHETIC TURF SUPPLIER  
ACROSS ALL LEAGUE PROPERTIES**



# BASEBALL | Play More.



**WOODSIDE (MAUSTON) SPORTS COMPLEX**  
Mauston, WI



## Benefiting Players, Communities and the Game of Baseball

Act Global and Nolan Ryan led RS3 have teamed up in a new partnership to forward the future of baseball turf technology and playability.

Founded on strong mutual goals and objectives for the baseball community, this new partnership begins the next generation of baseball surfaces offering optimal playing conditions.





# SAFETY AND PERFORMANCE BENEFITS

- SHOCK ABSORPTION
- IMPACT
- GROUND INTERACTION
- TRACTION
- STABILITY
- BOUNCE
- LOWER INFILL SPLASH
- DURABILITY
- UV TESTING



# NR34

With the help from Nolan Ryan and his experts at RS3, we sought to eliminate irregularities that can occur on other synthetic turf systems such as slower ball pace, higher infill splash, and an unnatural ball bounce. The product of that collaboration is a premier turf system designed and engineered specifically for the baseball diamond, NR34!



Natural grass benchmark testing has taken place at New York Yankees and Houston Astros spring training facilities.



**NATURAL BALL BOUNCE**



**TRUE BALL PACE**



**REDUCED INFILL SPLASH**

# RUGBY



## Home of the NEWPORT GWENT DRAGONS

Pro12 Club Rugby Union Team

**CENTRE FOR SPORTING EXCELLENCE**  
Ystrad Mynach, Wales



**ALDEN BRIDGE  
SPORTS COMPLEX**  
The Woodlands, Texas

*Reg22 Certified*



## WORLD RUGBY PREFERRED TURF PRODUCER

Rugby players require a synthetic turf system that can enhance performance, withstand intense use and protect on impact.

- ✓ World Rugby Reg22 certified playing surfaces for elite and international level play
- ✓ Meets World Rugby Quality Guidelines



**FLEMING COLLEGE**  
Peterborough, Ontario



## FIRST & SECOND GLOBAL ELITE PITCH IN THE WORLD



MALAYSIA NATIONAL HOCKEY STADIUM & PRACTICE FILED  
Bukit Jalil



### FIH PREFERRED SUPPLIER

As a preferred supplier, Act Global is committed to the highest industry standards to grow and sustain the game of hockey. We engineer high performing, FIH-approved turf systems, suitable for all levels of play, from elite to developmental hockey.

- ✓ Flat, fast surface
- ✓ Free-moving fibres enhance player footing and stick movements
- ✓ Consistent ball roll and rebound



MBPJ HOKI STADION  
Kuala Lumpur, Malaysia



COOKSTOWN  
Northern Ireland

# SPORTS TURF | Play More.



## Total Synthetic Turf Solutions

With global manufacturing, regional sales support and worldwide network of partner contractors, we can offer a total synthetic turf solution from concept to completion.





## Infills & Shockpads

Crumb Rubber



Clear Choice  
(TPE)



Coconut &  
Cork Blends



Cork  
Granulate



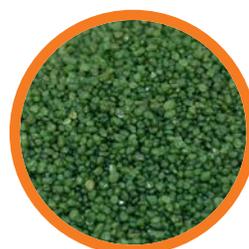
EPDM



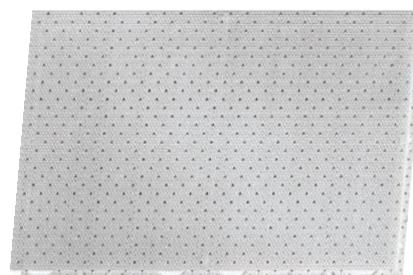
Sand



Coated Sand



**SCHMITZ PROPLAY**



**BROCK**

# ACTGLOBAL™



**XtremeTurf™** UBU

SPORTS



**AvTurf**

AIRPORTS



**TURFSCAPE.**

LANDSCAPE



**LiteEarth™**

LANDFILLS

Act Global's products and services are available through distribution partners in over 90 countries.

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