

## ACT Global Sports qualified as a FIFA Preferred Producer for Football Turf

World governing body of football launches global initiative to enhance synthetic turf quality

### Introduction

The FIFA Preferred Producer Initiative aims to improve the quality of artificial Football Turf at all levels. It sets firm obligations and requirements at each stage of the turf life cycle (manufacturing, installation and maintenance). The high standards set and enforced by the FIFA Preferred Producer Initiative aim to provide consumers with a guarantee that turf produced and installed by FIFA Preferred Producers is of the highest standard and meets consumer requirements.



### Benefits of selecting a FIFA Preferred Producer

- Higher quality turf system from planning to installation – the requirements go beyond the original FIFA Quality Concept for Football Turf
- Increased education of proper football turf maintenance
- Engagement of reliable suppliers that are being monitored by FIFA – simply ask for a FIFA Preferred Producer
- Additional support by FIFA on project tender process
- Increased research and development resulting in more advances in football turf performance
- Total responsibility for the whole building process

### Benefits to the game

- Increased promotion of high quality football turf
- Higher assurances of quality consistency throughout the world as part of FIFA's commitment to develop the game and the equipment for football turf
- Aim to increase performance and safety for the players
- Product quality- new standards require durability tests of 20,000 Lisport cycles (equals up to 10 years of intense use)
- Expanded acceptance of football turf to all levels of the game
- Maximized playing hours supports increased participation which helps improves society

To select a football turf system offered by a FIFA Preferred Producer, please e-mail or visit our website.

### FIFA Quality Concept for Football Turf



FIFA, the Fédération Internationale de Football Association is an alliance governed by Swiss law founded in 1904 and based in Zurich. It has 208 member associations and its goal is the constant improvement of football. FIFA, the world's football governing body has made it their mission to, "develop the game, touch the world, build a better future."

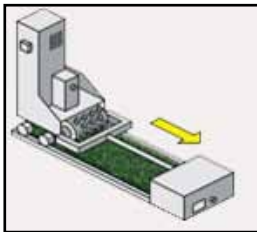
#### Synthetic Pitch Testing

FIFA has obtained significant testing, medical research and player feedback in order to understand the playability, safety and performance of a perfect natural grass pitch. As a result, the FIFA Quality Concept was developed to identify the best artificial turf pitches. In fact according to IFAB's Laws of the Game, international matches can be played on FIFA recommended artificial turf pitches. A synthetic grass system can earn a FIFA Recommended Certificate through a FIFA Quality Concept licensee by proving through extensive laboratory and field testing that it performs like natural grass in good condition.

#### Sport Performance and Quality Standards

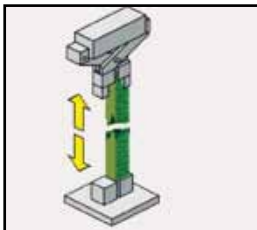
ACT Global Sports fully supports the FIFA Quality Concept as the standards were based upon natural grass benchmarks. ACT Global Sports uses these natural grass benchmarks in its product development, quality standards and sport performance test methods as they were based upon top professional natural grass stadiums. These methods employed by FIFA combine durability, climatic resistance, player-to-surface interaction and ball-to-surface interaction standards. ACT Global Sports is proud to be a licensee of the FIFA Quality Concept for Football Turf with both two star and one star installations.

#### Durability



##### 1. Simulated Wear and Abrasion Resistance

The surface is artificially abraded (simulation of multiple years of wear) and tested for the following: Shock Absorption, Vertical Deformation, Vertical Ball Rebound, and Rotational Resistance.



##### 2. Joint Strength

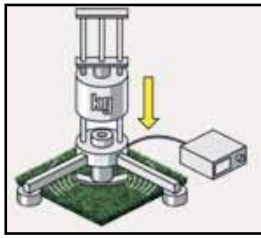
Measures the maximum force recorded to destroy the joints where they are sewn or adhered with adhesive.



##### 3. Climatic Resistance

UV / Water / Heat - Measures the colour change, abrasion resistance and joint strength.

## Player / Surface Interaction



### 4. Shock Absorption and Vertical Deformation

Measures the impact absorption provided by synthetic turf to a player running or falling on as well as the foot stability of the surface as a player runs across it.



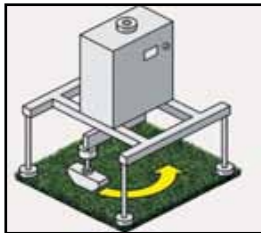
### 5. Rotational Resistance

Measures the interaction between the shoe sole and the surface of artificial grass relating to the ability of a player to change direction.



### 6. Slip Resistance Scale and Deceleration

Measures the ability of studs to slide through the surface without causing the player to slip over. Slip resistance deceleration measures the deceleration experienced by the player's shoe as it makes contact with the surface. If the deceleration is too high, damages to joints and ligaments may occur.



### 7. Skin Abrasion/ Skin Friction

Measures the abrasiveness and friction of artificial turf on the skin of the player when sliding.

## Ball / Surface Interaction



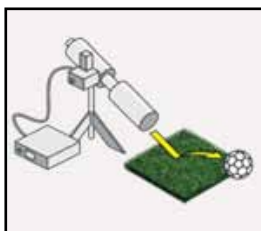
### 8. Vertical Ball Rebound

Measures how high the ball bounces when falling vertically onto a synthetic turf field.



### 9. Ball Roll

Measures how far the ball rolls onto synthetic grass compared to natural grass.



### 10. Angled Ball Behavior

Measures how the ball rebounds from an artificial turf surface when striking it at a shallow angle under dry and wet conditions.

# History of FIFA Certified Installations

## Estadio Alejandro Morera Soto

Alajuela, Costa Rica



## Mc Naughton Park

Vaughan, Canada



## FC Crusaders

Belfast, Ireland



## Boisko Piłkarskie W Dachnowie

Dachnow, Poland



## Rowville Secondary College

Melbourne, Australia



## Lurgan Town Arena

Lurgan, Northern Ireland



## Ecolye Polyvalente Saint Joseph

Mont Laurier, Canada



## City Stadium

Nairobi, Kenya



## Atletico Nacional

Medellin, Colombia



## Puskas Ferenc Football Academy

Felcsut, Hungary



## Boisko Piłkarskie W Gdyni

Gdynia, Poland



## Queenstown Secondary School

Singapore



## Volos Municipality Field

Volos, Greece



## Beer-Sheva Sports Complex

Beer-Sheva, Israel



## Qadima Stadium

Qadima, Israel



## Rufaro Stadium

Harare, Zimbabwe



## Manuel Diaz Vega

Oviedo, Spain



## Campo de Futebol

Porto de Mos, Portugal



# History of FIFA Certified Installations

**Chung Jang Sport Park**  
Goyang City - Seoul, Korea



**Sport Club Corinthians Paulista**  
São Paulo, Brazil



**Universidad Rafael Landivar**  
Guatemala City, Guatemala



**Honam University**  
Gwangju, Korea



**Cancha de Futbol Don Koll**  
Cabo San Lucas, Mexico



**Kamuzu Stadium**  
Blantyre, Malawi



**Estadio Municipal da Retorta**  
Castanheira de Pera, Portugal



**Naval Base Secondary School**  
Singapore



**Victoria Junior College**  
Singapore



**Willem Tomassen Sportscomplex**  
Amersfoort, Netherlands



**Hongkah Secondary School**  
Singapore



**AZSV**  
Aalten, Netherlands



**Dalat Teacher Colleges Sports Center**  
Dalat, Vietnam



**Ju Ying Secondary School**  
Singapore



**Whitley Secondary School**  
Singapore



**Parc Domaine Vert Nord**  
Mirabel, Canada



**Park Regional**  
Boisbriand, Canada



**Innova Junior College**  
Singapore



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