

# GLOBAL LEADER OF HEALTHY ARTIFICIAL GRASS



## ALL VICTORY GRASS

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**AVG** [www.avg1982.com](http://www.avg1982.com)

- \* For more information, please refer to our website.
- \* para obtener más información, consulte nuestra página web
- \* Если хотите узнать более информации, посмотрите наш веб-сайт
- \* لمزيد من المعلومات، يرجى زيارة موقعنا الإلكتروني
- \* もっと詳しい情報をお知りたい場合、当社のウェブサイトをご覧ください。

- \* All the projects are real scenery by **AVG**
- \* All rights reserved and copy prohibited without permission by **AVG**
- \* Contact our sales or service center for more catalog and free samples.



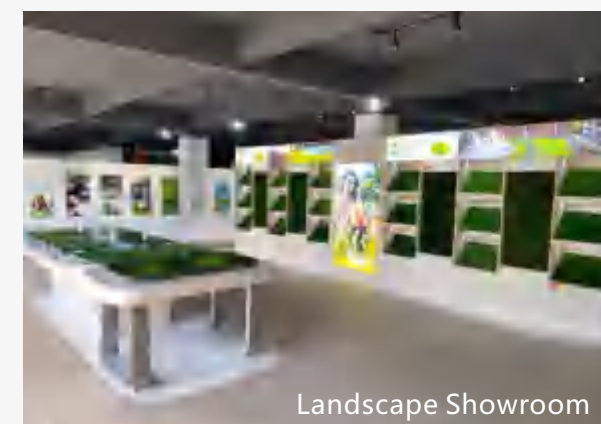
AVG Website



Production Base



Henan factory



Landscape Showroom



Sport Showroom

- AVG aims at creating healthy and happy life for all people, hence we are dedicated to providing the best sports and landscape grass systems.
- As one of the Top 3 worldwide artificial grass manufacturers, AVG has been selected as the artificial grass supplier for **2008 Olympic Games, Asian Games, Universiade, National Games, CISM Military World Games and 2022 Beijing Winter Olympic Games.**
- Our business extends and covers more than 171 countries, and AVG has obtained authoritative certifications: **FIFA, International Hockey Federation, International Rugby Council, ISO9001&ISO14001 and etc.**
- Thanks to our own R&D department, the development of our product range is an ongoing process. We help millions—not just a select few—experience a green & healthy life, and we keep developing and innovating based on customers' needs all the time.
- **Welcome to the green world of AVG, sharing health and happiness.**



HQ Base





*Best Choice for Dual Olympic Games*



# Global Market Leadership

# Top 3 in Global Market



- ★ 5 R&D centers globally
- ★ 40 million sqm annual production capacity

- ★ 171 countries, 1,500+ business partners
- ★ 4 production bases in National Economic & Development Zones

# Qualification Certificate



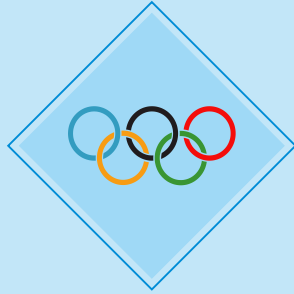
FIFA Licensed  
Manufacturer



Exclusive supplier of  
Bird's Nest



China Patents NO.1



The only artificial turf supplier to  
both Summer Olympic Games  
and Winter Olympic Games

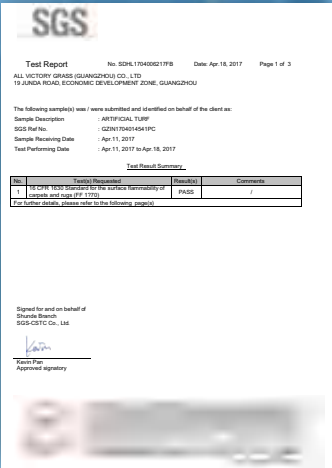
FIELD CERTIFICATE

**Yichun Sports Park Football Field**  
FIFA is pleased to confirm that the football turf system  
**AVGDM145-50**  
has been installed by  
**All Victory Grass (Guangzhou) Co., Ltd.**  
at  
**Yichun Sports Park Football Field - Yichun City, Jiangxi Province (China PR)**  
The installation has been tested and certified to the  
"FIFA QUALITY PROGRAMME FOR FOOTBALL TURF - FIFA QUALITY PRO" standard.  
Validity Period: **15.12.2021 to 14.12.2022**  
Field No.: **1014318**  
Re-Test Number: **0**

TM Football Turf I 2015

Football-Technology.FIFA.com

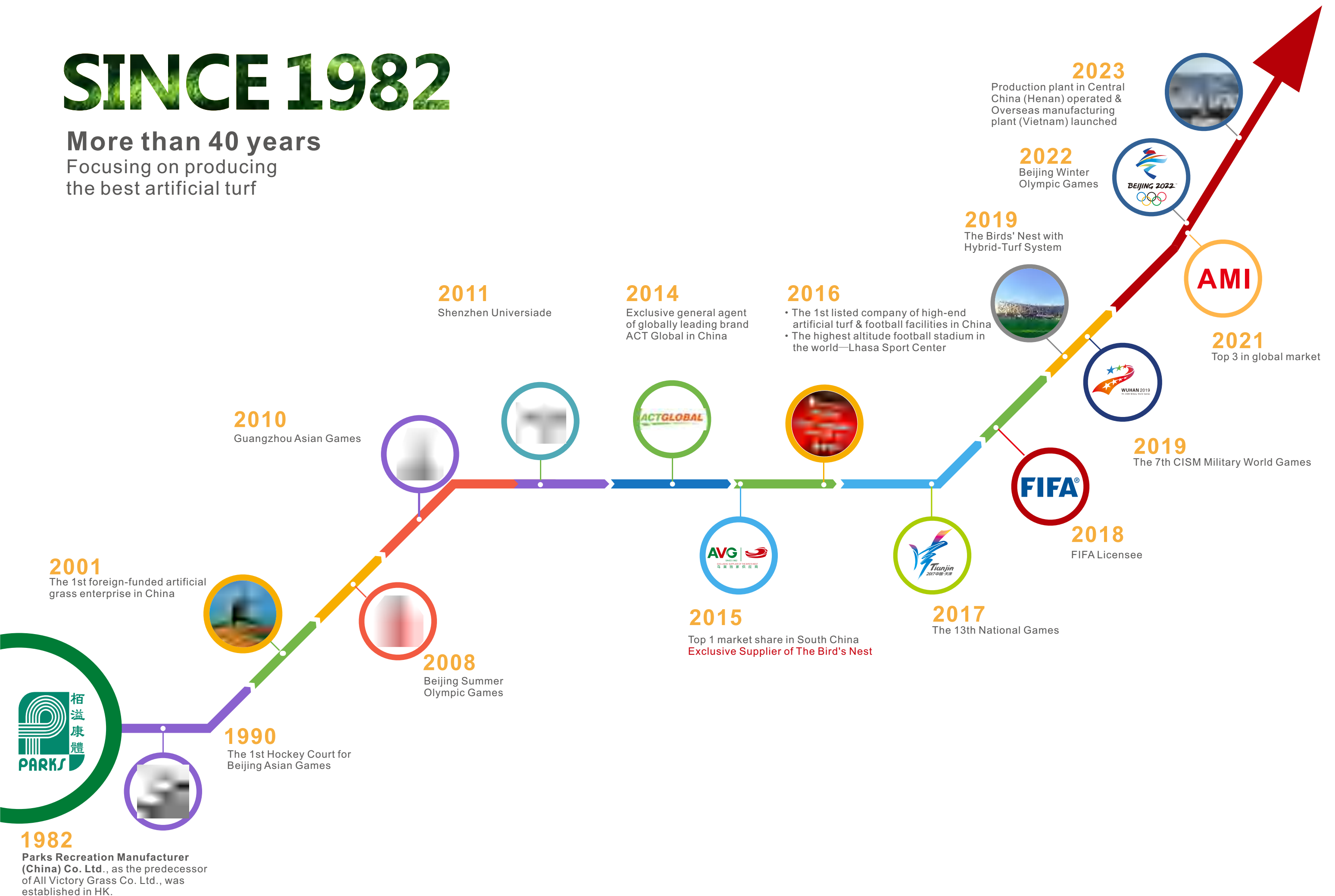
Zurich, 16.12.2021



# SINCE 1982

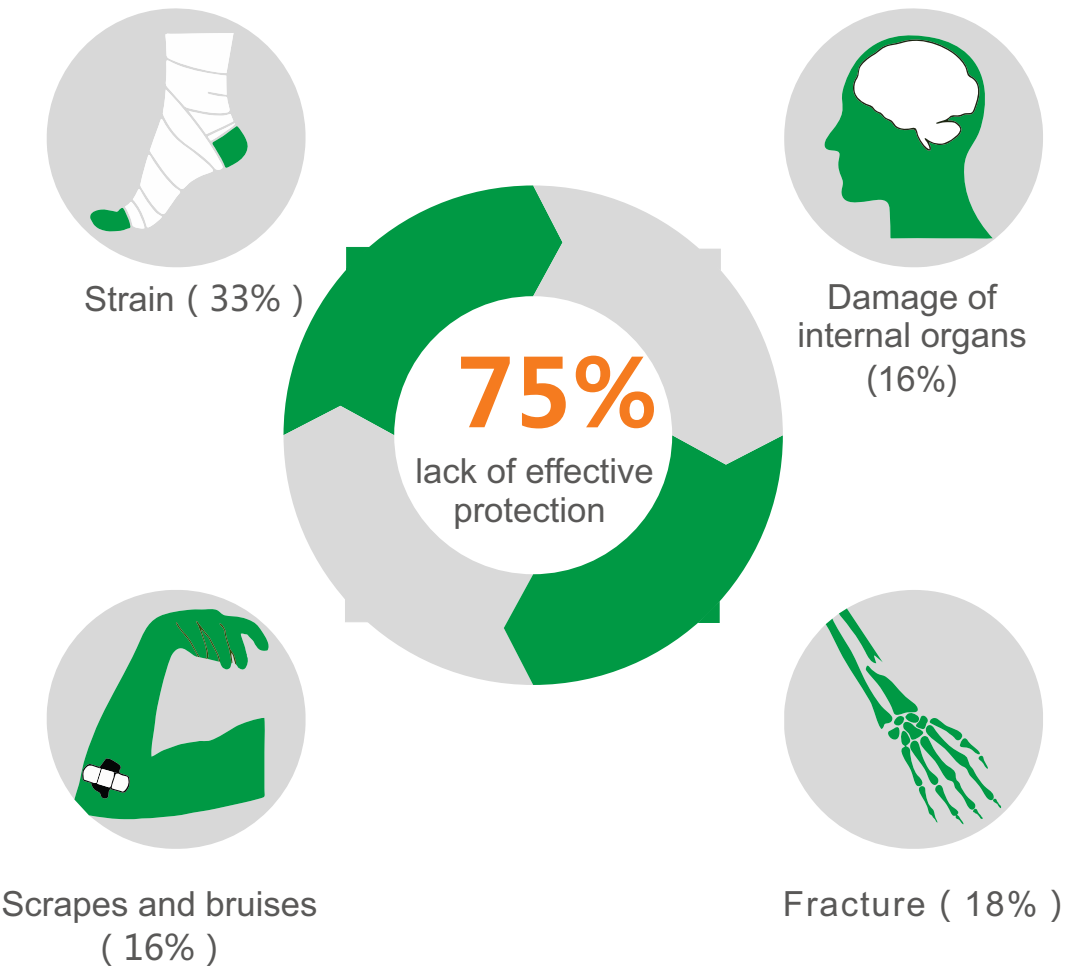
## More than 40 years

Focusing on producing  
the best artificial turf



## Most common injuries during playing

According to statistics, each year there are more than 1,353,750 young people in the U.S. sent to the emergency room because of sports injuries. Safety is the most critical factor to a sport surface.



## Superior performance with safety protection





# FIFA Licensee

Safety, durability and performance are of utmost importance when playing high-intensity sports. As one of the FIFA-licensed manufacturers, we place a high priority on safety and performance.

The concept of FIFA Quality is developed to identify the highest quality synthetic turf pitches, which are of great safety and excellent performance.

## FIFA Quality Programme

Withdrawal Force	>40N	Ball Rebound	60-100cm
UVA	5000h	Ball Roll	4-10m
Wear Resistance	>Lisport XL 6,020 Cycles	Shock Absorption	57%-68%

## Benefits to Choose FIFA Certified Turf



### More Professional

**Safety First! Health First!**  
Since the foundation of AVG, we have dedicated ourselves to research and development and hundreds of laboratory and field tests to ensure the superior quality of each of our grass fiber.



### More Eco-friendly

AVG always insists on using new environmental-friendly raw materials to ensure that every lawn sold by us is non-toxic and harmless, bringing more health and happiness to the world.



### More Innovative

**Work for Future!**  
After years of research, AVG has developed the most professional artificial turf for a variety of sports fields. For the FIFA system, AVG also developed supporting accessories including SEPP shock pad and TPE granules to provide our customers the best FIFA solutions.







## AVG Peak Turf System

Football field for International top-level matches  
Football field for National matches  
Football field for clubs

- ▶ *AVG DM400-60*
- ▶ *AVG DM400-50*
- ▶ *AVG DM400-50W*
- ▶ *Snow TPE Infill*
- ▶ *SEPP Shock Pad*
- ▶ *Peak Turf*

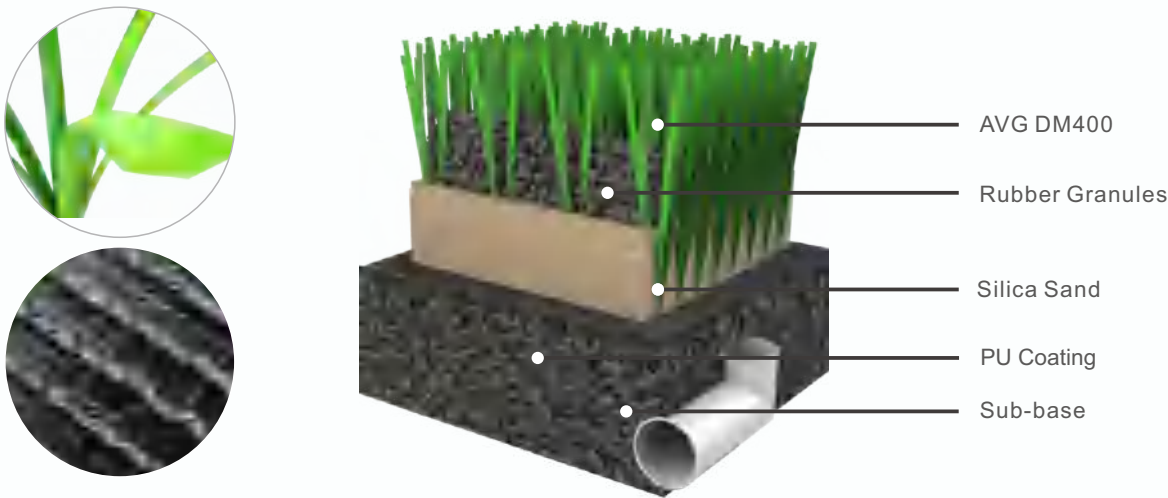




# AVG DM400-60

# PEAK System

AVG DM400 - 60 is a FIFA Quality certified system, specially with AVG patented Diamond-shape artificial grass, silica sand and economic SBR rubber granule infill. The patented Diamond-shape grass, up to 360µm thickness yarn, is developed with an exclusive formula, which provides super wear resistance and outstanding sports performance for years.



## Technical data

Type of Yarn	: Monofilament, Diamond-shape
Pile Height	: 60mm
Density	: 10,080 stitches/m²
Color	: Bi-color
Backing	: Double PP with PU coating
Infill	: Silica and SBR



### Professional application

- ✓ Subject to the FIFA Quality Standard
- ✓ Imitate natural grass performance
- ✓ One of the professional solutions to keep stable athletic performance



### Safety and comfort

- ✓ Low sliding resistance design
- ✓ Reduce the risk of friction burning and skin abrasion



### Durability and stability

- ✓ Unique diamond shape yarn, outstanding wear-resistance
- ✓ PU coating to guarantee strong binding force
- ✓ Excellent anti-UV performance

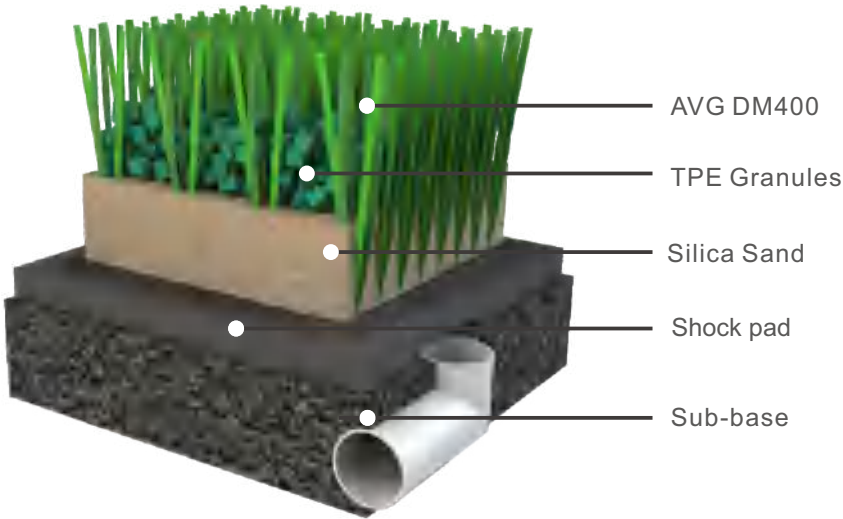
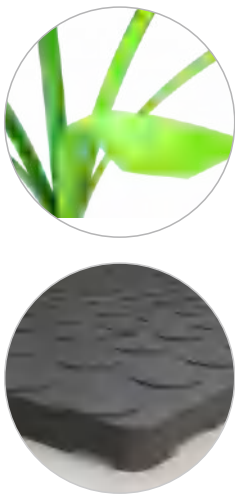




# AVG DM400-50

# PEAK System

AVG DM400-50 is a FIFA Quality Pro certified system, specially with AVG patented Diamond-shape artificial grass,exclusive SEPP shockpad, infilling silica sand and environmental TPE granules. The patented Diamond-shape grass, with 360µm thickness yarn,is developed with an exclusive formula, which provides super wear resistance and outstanding sports performance for years.



Technical data	Type of Yarn	: Monofilament PE, Diamond-shape
	Density	: 10,080 stitches/m²
	Color	: Bi-color
	Backing	: PP+Leno, double layers, with SBR latex coating
	Infill	: Silica sand and TPE



## Professional application

- ✓ Subject to the highest quality standard of FIFA
- ✓ Meet the most strict requirements of no pile direction and equal ball roll directions



## Safety and comfort

- ✓ Patented elastic pad, 100% recyclable, shock absorption effect up to 60%
- ✓ Skin friendly; reduce the risk of friction burning
- ✓ Low sliding resistance design



## Durability and stability

- ✓ Most modern and durable diamond fiber in the world
- ✓ Elastic granules to reduce the temperature of turf surface

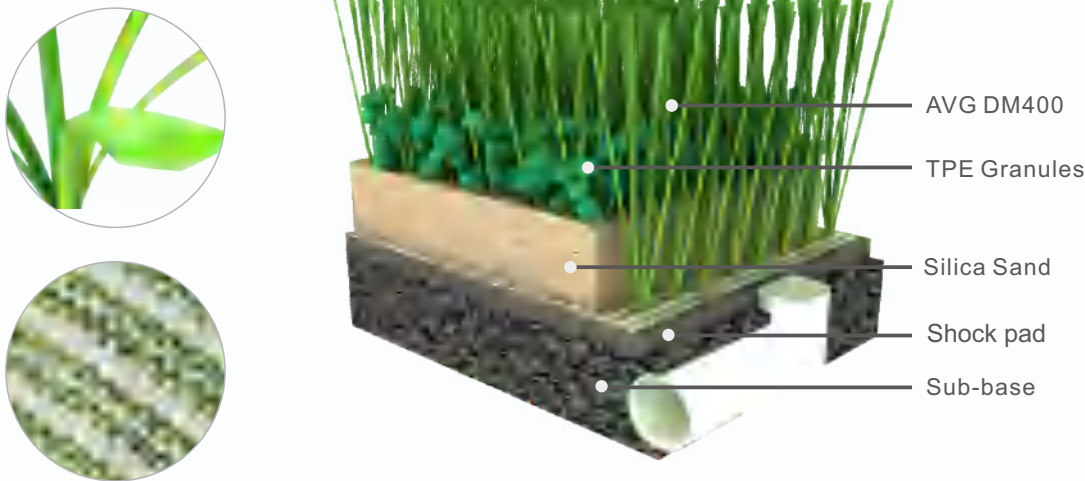




# AVG DM400-50W

# PEAK System

AVG DM400-50W is a FIFA Quality Pro certified system of woven grass, specially with exclusive SEPP shockpad, infilling silica sand and environmental TPE granules. The grass is patented diamond grass, produced with a unique woven technology, binding force > 100N, 100% recyclable, no pile direction and the water permeability is 3 times than tufted grass, which provides excellent abrasion resistance and withdrawal force as well as outstanding sports performance.



### Technical data

Type of Yarn	: Monofilament, Diamond-shape
Density	: 10,080 stitches/m²
Color	: Bi-color
Backing	: Woven backing
Infill	: Silica sand and TPE



### Environmental Protection

- ✓ 100% recyclable, Gluing-free
- ✓ Green and eco-friendly TPE infill, reduce temperature of turf surface



### Superior Performance

- ✓ No pile direction and equal ball roll in all directions
- ✓ 3 times water permeability than that of tufted grass
- Patented elastic pad
- ✓ 100% recyclable, shock absorption effect up to 60%



### Excellent abrasion resistance and withdrawal force

- ✓ Most modern and durable diamond fiber in the world
- ✓ Binding force >100N, stronger than PP or fiber backing

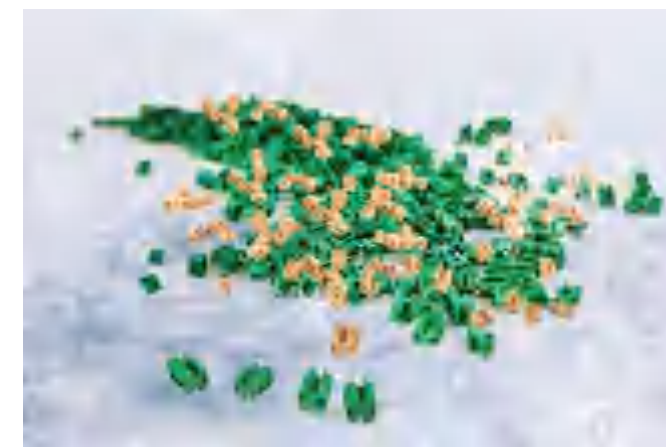




# Snow TPE Infill

Globally innovative new elastic materials

- ❄ High resilience with an effective rebound rate of 66%, meeting the needs of FIFA and international rugby professionals
- ❄ Beyond FIFA abrasion and UV testing standards, meeting the standard requirements for the highest level of FIFA
- ❄ Scientifically filled materials, high temperature resistance
- ❄ Medium hardness, quality assurance and 100% recyclable materials
- ❄ Physical water retention and low heat absorption on the surface to reduce system temperature and movement damage
- ❄ AVG FIFA's system of precise experiments and scientific matching can achieve 40% less filling than EPDM and 30% less filling than black rubber granules at the same height, improving performance of the field and saving costs at the same time.
- ❄ The European and American color design provides a more ornate and spectacular sporting atmosphere





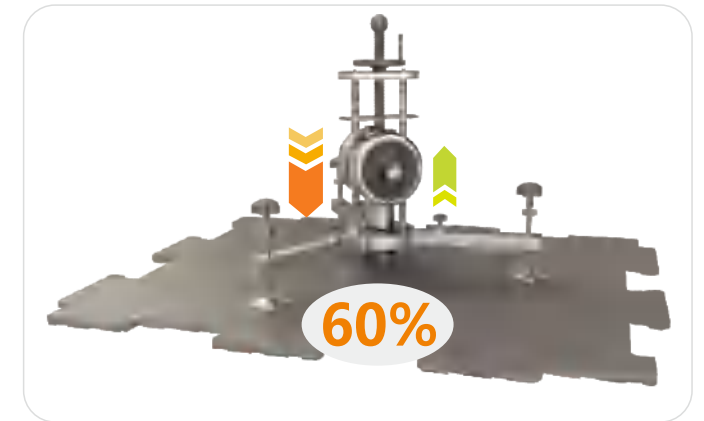


## SEPP Shock Pad

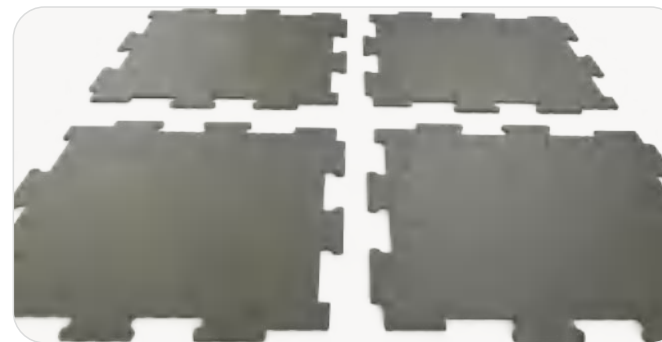
The world-leading new materials for shock absorption



Fine selected raw material of EPP from Japanese JSP. 100% recyclable, safe and eco-friendly.



Labosport indicates that the use of SEPP shock pad could improve the impact absorption performance up to 60%.



Unique interlocking design, easy to install.



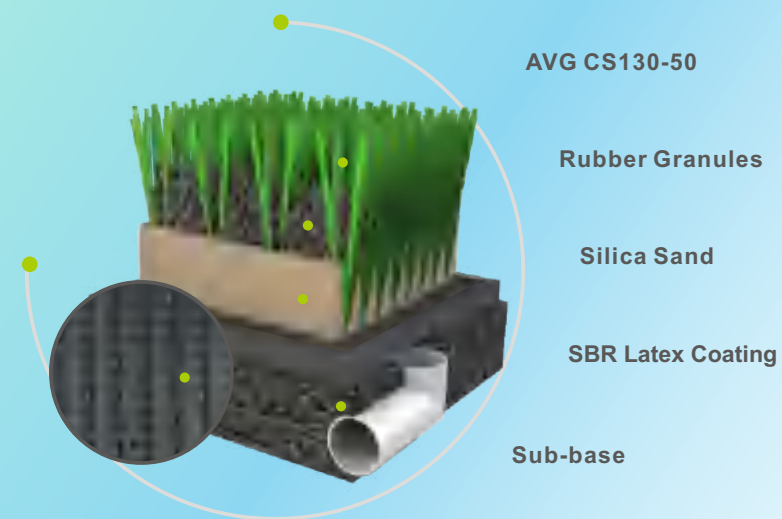
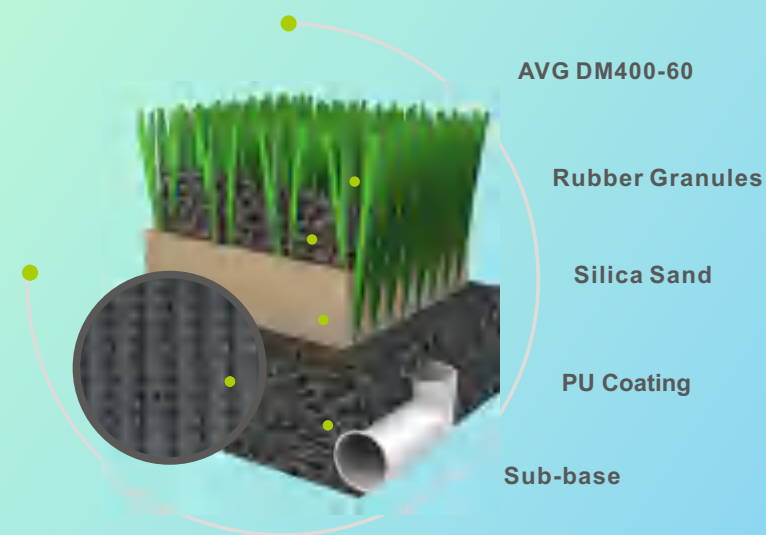
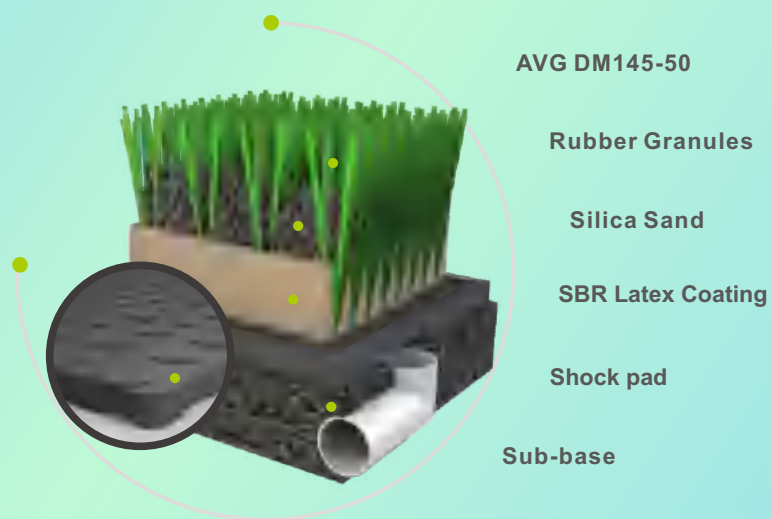
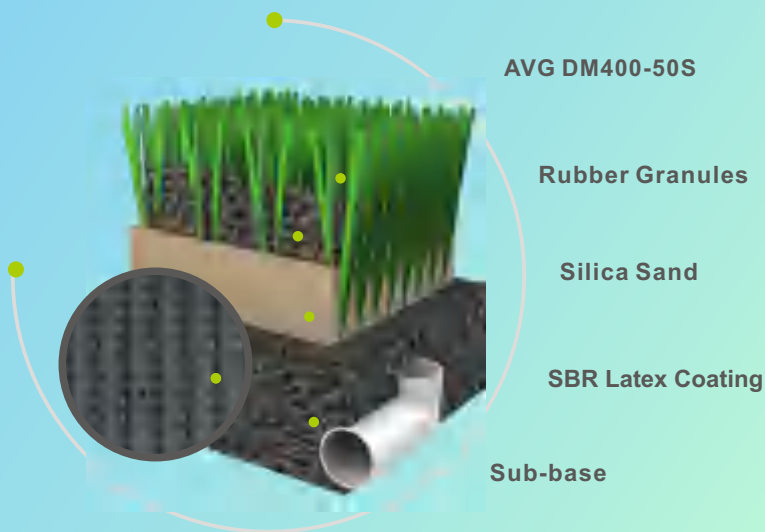
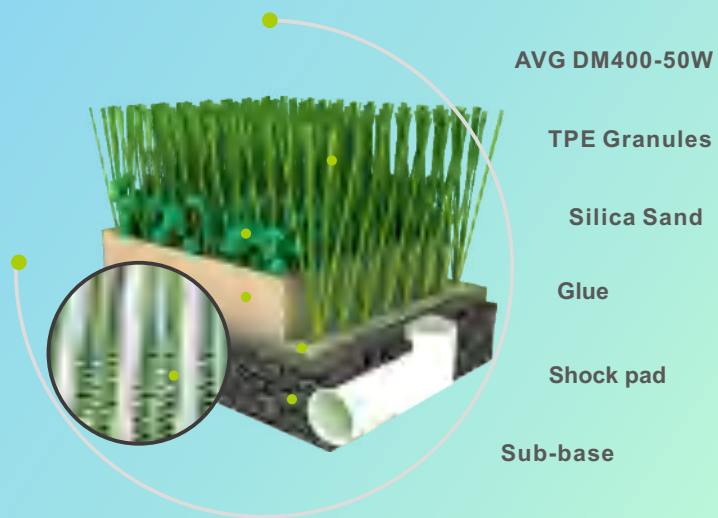
SEPP shock pad has 24 drainage holes on the front, with drainage channels on the back, which could drain the water quickly, up to 3000mm/h



AVG artificial turf non-infill system at the 2022 Winter Olympics Speed Skating Stadium



# Recommended FIFA System

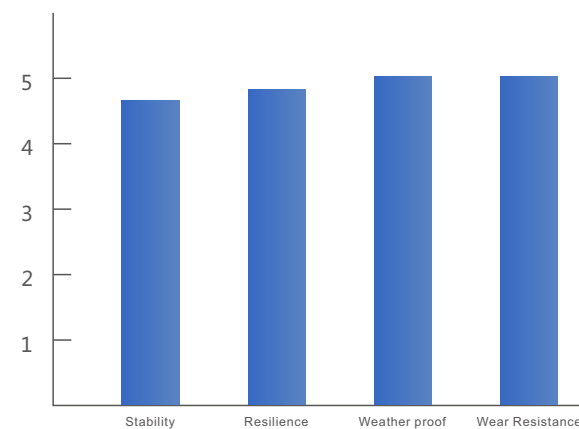




# PEAK TURF

## AVG DM400

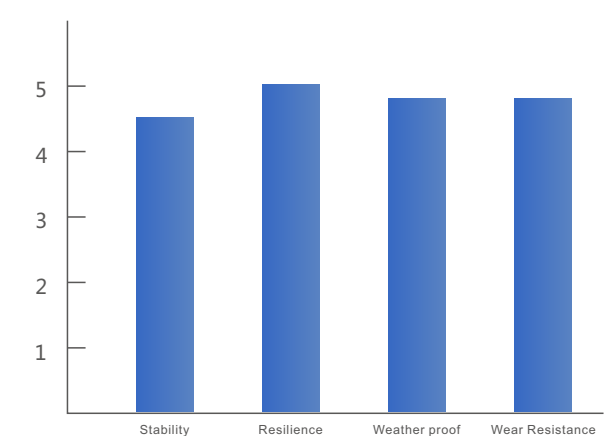
- ◆ Unique diamond fiber to provide excellent abrasion resistance
- ◆ Meet the requirements of FIFA Quality Pro
- ◆ Patented Low sliding resistance design
- ◆ Designed life up to 10 years



# PEAK TURF

## AVG CS130

- ◆ C-shaped cool yarn
- ◆ Unique fiber design providing a nature looking
- ◆ Great standing appearance, excellent resilience and enhanced durability
- ◆ Designed life up to 10 years







# PEAK TURF

## AVG DM145

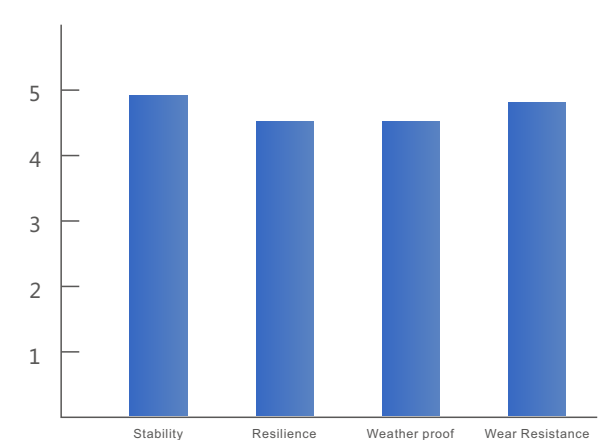
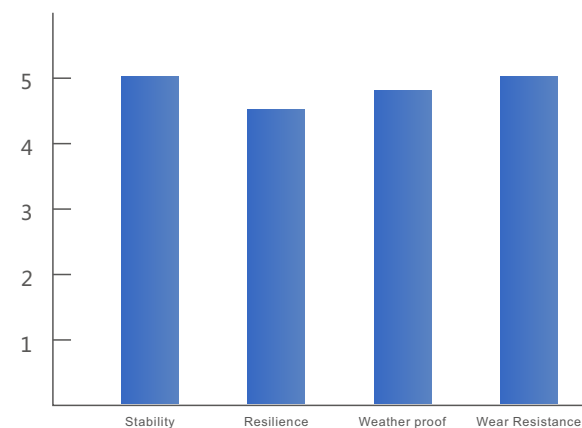
- ◆ Softer and denser surface
- ◆ Tested by the most strict standards with perfect wear-resistance
- ◆ Good weather resistance
- ◆ Designed life up to 10 years



# PEAK TURF

## AVG DM180

- ◆ The most natural grass
- ◆ Trio design 18000 Dtex fiber provides excellent sports performance
- ◆ Great resilience and super wear resistance
- ◆ Designed life up to 10 years







## AVG Public Football System

Football training field  
Public sport field  
Football club

▶ *DIAMOND*

▶ *DIAMOND 4D*

▶ *SATIN*

▶ *OASIS*

▶ *CLASSIC*

▶ *STEM-2D*

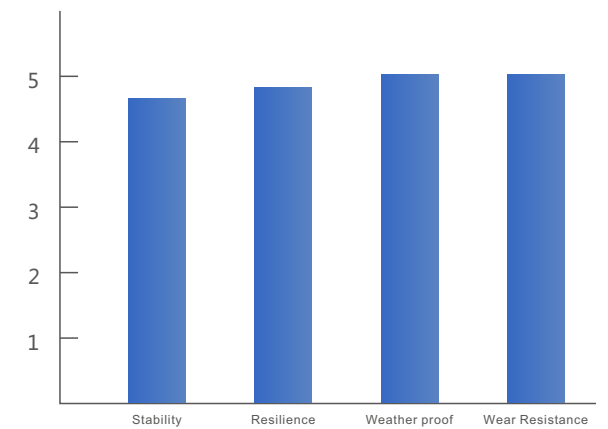




# DIAMOND

## Series

- ◆ Unique diamond fiber to provide excellent abrasion resistance
- ◆ Patented low sliding resistance design
- ◆ Super wear-resistant
- ◆ Designed life up to 6-10 years

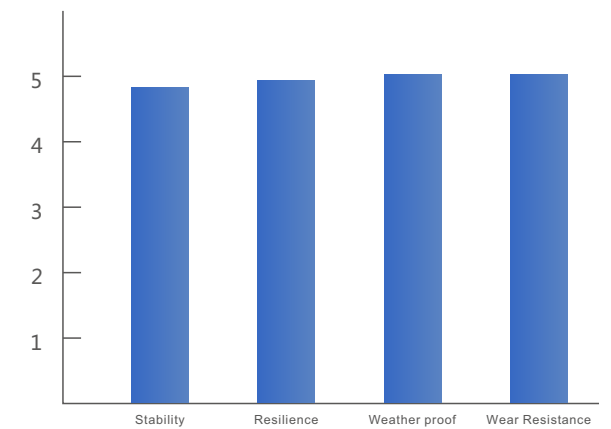






# DIAMOND 4D Series

- ◆ Unique diamond+spine fiber design perfectly combine the high wear resistance and resilience
- ◆ Great standing apperance
- ◆ Super wear-resistant
- ◆ Designed life up to 7-8 years







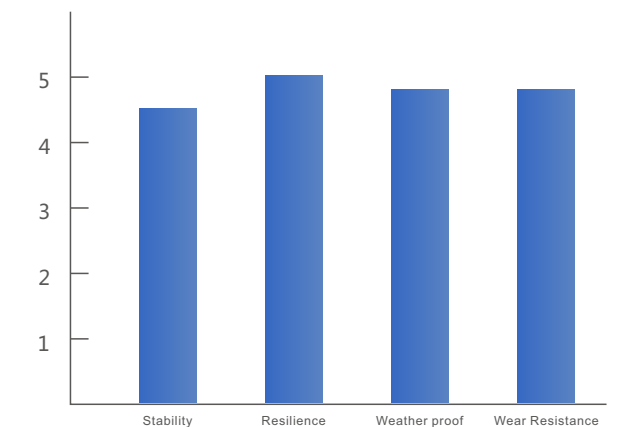
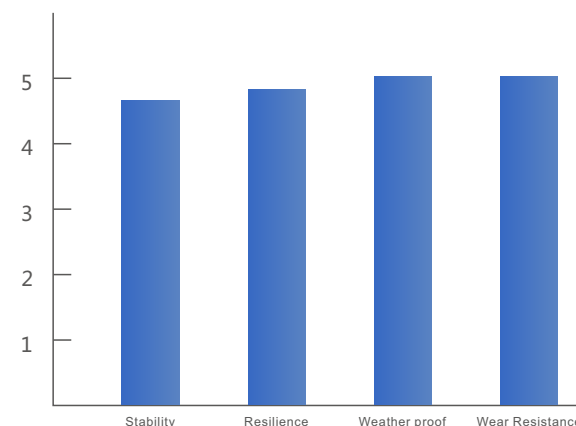
# Satin Series

- ◆ Good pile recovery
- ◆ Perfect skin protection
- ◆ Best standing ability
- ◆ Designed life up to 6 years



# Oasis Series

- ◆ Cost effective
- ◆ Natural appearance
- ◆ Luxurious and soft feeling
- ◆ Designed life up to 6 years

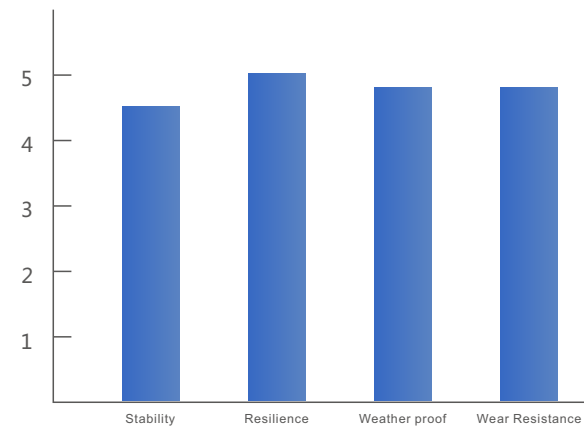






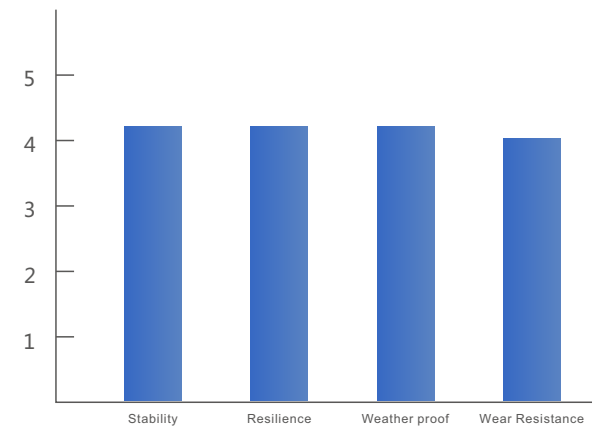
## Classic Series

- ◆ C-shaped cool yarn
- ◆ Soft feeling, skin protection
- ◆ Good standing ability and pile recovery
- ◆ Designed life up to 8 years



## Stem-2D Series

- ◆ Double-spine design with excellent standing ability
- ◆ Enjoyable playing experience and natural looking
- ◆ Low abrasion and safe for sliding
- ◆ Designed life up to 8 years







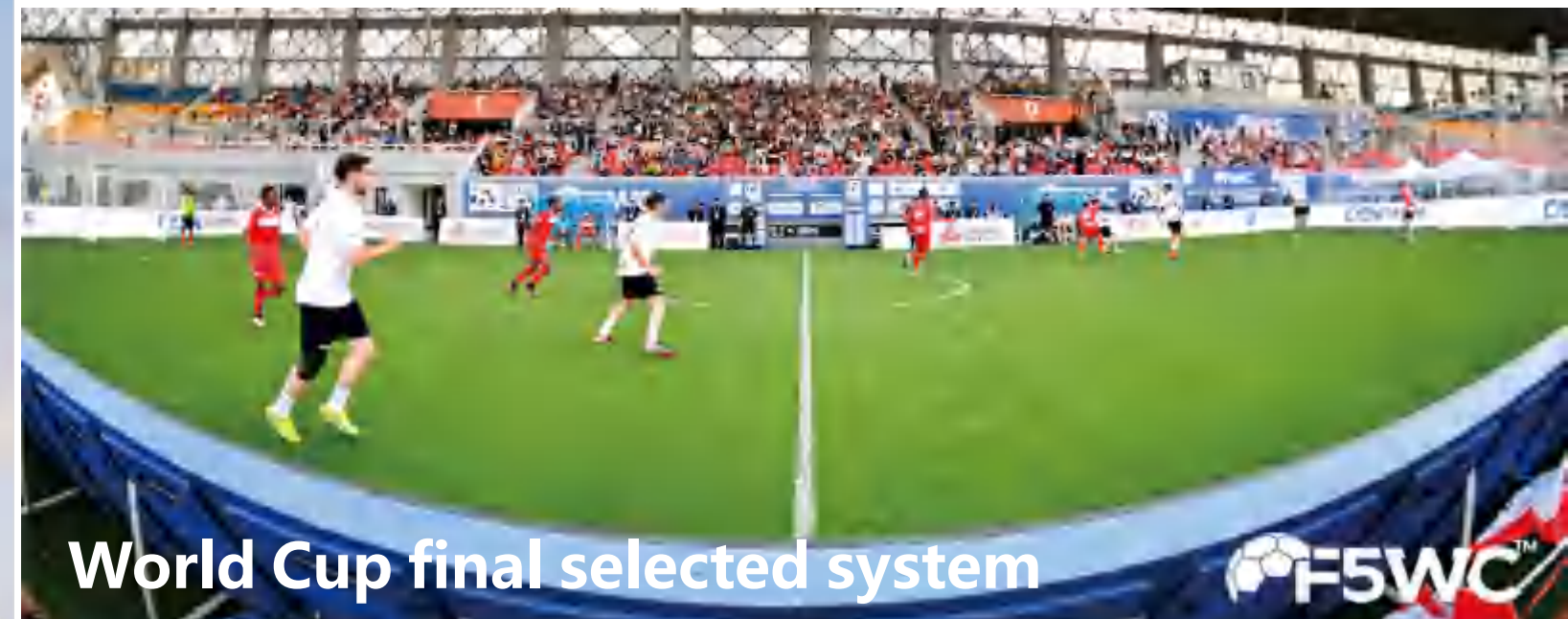
## AVG Public Sport System

- ▶ *NON-INFILL SYSTEM*
- ▶ *RUGBY SYSTEM*
- ▶ *HOCKEY SYSTEM*
- ▶ *TENNIS SYSTEM*
- ▶ *BASEBALL SYSTEM*
- ▶ *PADEL SYSTEM*





**Non-infill football field in the National Ski Jumping Center for 2022 Winter Olympic Games**

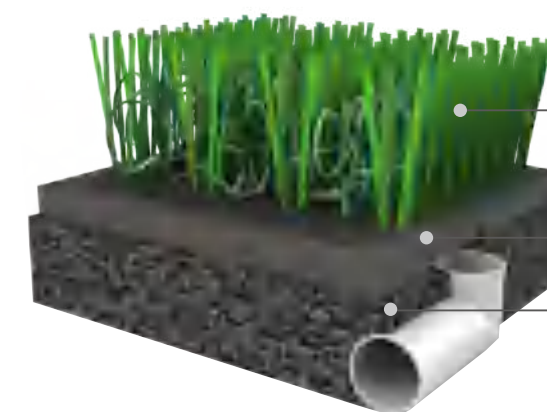
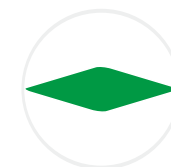


**World Cup final selected system**



## Non-Infill System

AVG professional non-infill system uses the patented design fibres, which are durable yarns for high performance professional sports pitches, green and safe, reaching both indoor and outdoor needs.



Monofilament PE+Curled PPE

SEPP Shock Pad

Sub-base

- 🌱 **Environmental-friendly:** no need of any infill for pitches, avoid injuries from smell, dust and heavy metal caused by infill.
- 🌱 **High Safety:** the system provides high resilience SEPP Shock Pad with shock absorption up to 50% higher than other non-infilled pitches, better ensure the safety of players.
- 🌱 **Removable:** easy installation, can be removed.
- 🌱 **Great durability:** using imported high quality materials, ensure the excellent durability and stable color fastness of the grass.





# RUGBY SYSTEM



Rugby is one of the high intense sports our products provide players with perfect condition and meet the requirements of **safety, performance, durability.**

## Combination 168

Yarn	Diamond 8000 (Field green) Slit Film 8800 (Emerald green)
Dtex	16800
Pile height	60mm
Gauge	1/2 inch
Stitch rate	120-130s/m
Backing	Double PP
Warranty	6-8 years

### Super Strong Shock Absorption

- ✓ 100% recyclable, ecofriendly
- ✓ New technology SEPP shock pad avoiding knee and ankle injuries
- ✓ Multiple choices —17mm, 17 pro, 22 pro

### Skin Friendly and Slide Resistance

- ✓ Natural looking
- ✓ Safe for sliding
- ✓ Reduce the risk of friction burning

### High Wear Resistance and Convenience

- ✓ Diamond-shaped yarn, one of the most durable turfs in the world
- ✓ No infill, easy installation and less maintenance/low-cost
- ✓ Multi-sport versatility





# HOCKEY SYSTEM



Artificial turf is universally accepted by hockey players. Our hockey field performance reaches FIH Global Standard, including the requirements on **speed, agility and strength.**

## Curled Monofilament PE

Dtex	9600
Pile height	13mm
Gauge	3/16 inch
Stitch rate	270-330s/m
Color	Bicolor
Backing	Double PP
Warranty	5-6 years

### High Speed Performance

- ✓ High density and directionless
- ✓ Consistent roll and rebound
- ✓ Low slide resistance

### Safe and Comfortable

- ✓ Smooth and soft surface
- ✓ Giving players flexible and better movement experience

### Professional System

- ✓ Highly accurate technical performance
- ✓ Designed for frequent use, enhanced durability





# TENNIS SYSTEM



Our slit film fiber is designed by our R&D team with excellent durability and natural color design. AVG tennis system has been tested by Labosport, with CPR reaching “Medium”, bringing the players a **safe, comfortable, and professional surface.**

## Slit Film 88

Dtex	8800
Pile height	20mm
Gauge	3/8 inch
Stitch rate	180-220 s/m
Color	Green/yellow/blue/red
Backing	PP+Net/Fleece
Warranty	4-5 years

### Design based on ITF standard

- ✓ CPR achieving "Medium" as per ITF Court Pace Rating categories
- ✓ Smooth and soft surface
- ✓ Excellent ball bounce

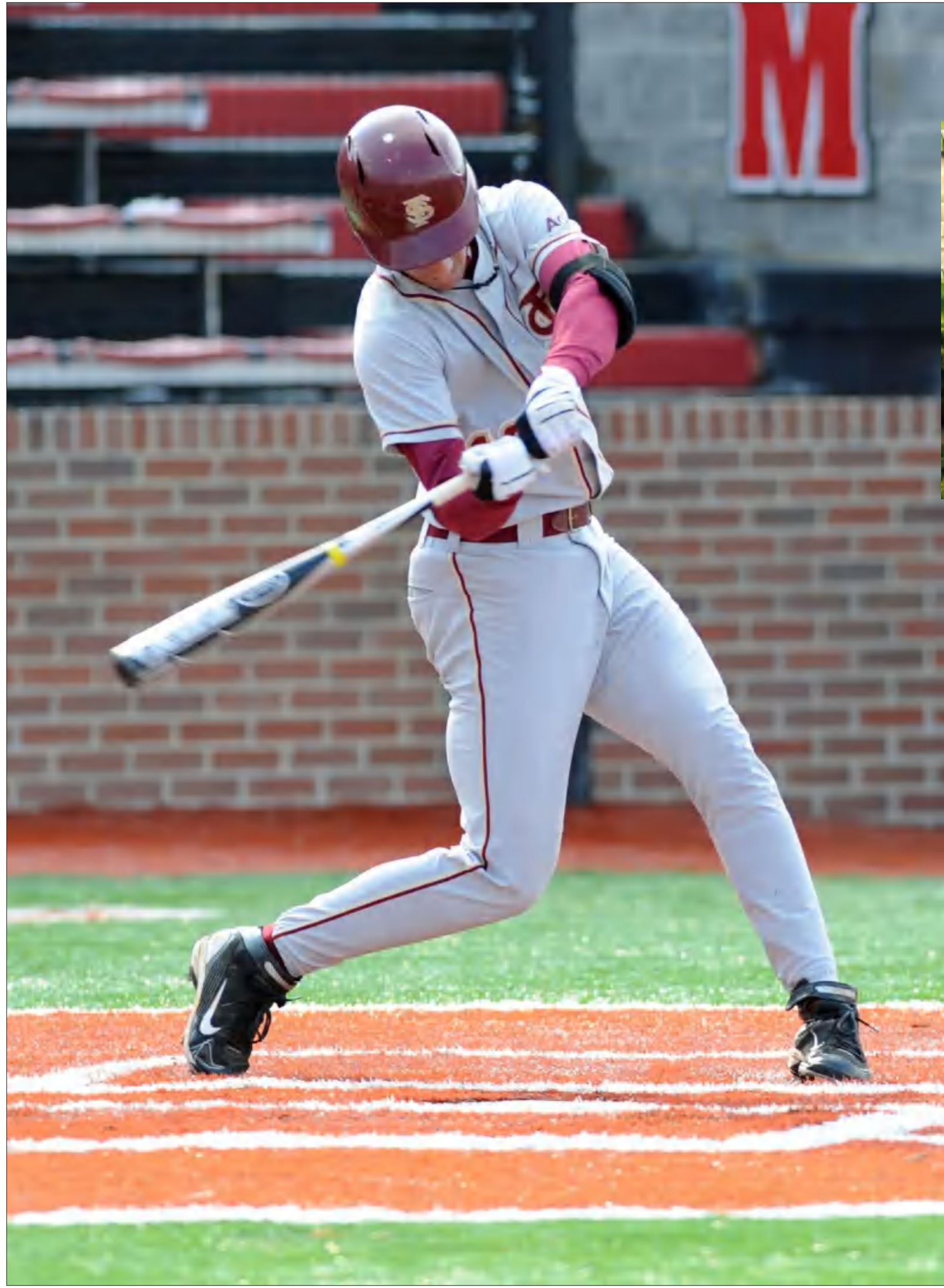
### Good sand infilling and fixation

- ✓ Special fibrillated structure design
- ✓ Easy installation, more convenient with less infill

### Skin friendly

- ✓ Gentle court surface for feet, back and legs, better protection
- ✓ Superior traction and strong grip





# BASEBALL SYSTEM



**With more durability and easier installation,** artificial turf increasingly becomes an ideal choice for baseball. Our Products satisfy the needs of school, training and professional matches.

Combination 168	
Yarn	Diamond 8000 (Field green) Slit Film 8800 (Emerald green)
Dtex	16800
Pile height	45mm
Gauge	1/2 inch
Stitch rate	120-130s/m
Backing	Double PP
Warranty	6-8 years

## Good Sand Infilling and Fixation

- ✓ Leading design for less infill with more energy absorption
- ✓ Easy installation
- ✓ Low maintenance

## Highly Durable

- ✓ Natural looking
- ✓ Abrasion resistance and safe for sliding
- ✓ Excellent weather resistance

## Skin Friendly

- ✓ Reduce the risk of friction burning
- ✓ Gentle on feet, back and legs, better protect players





Padel Tennis is a mix between Tennis and Squash. It's a racket sport that combines action with social interaction and fun. With 200sqm, people can enjoy the fun of playing padel. As a professional sports system provider, AVG researches the full padel system and provides one-stop service, including turf, tempered glass, mesh and lighting. Join the padel, enjoy the life!

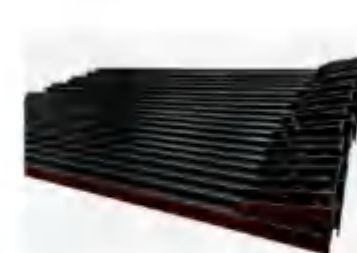


# Padel System



**Textured Monofilament Turf**

- Uniform playing surface
- Maximum wear resistance
- Minimal risk of abrasion



**Columns & Beams**

- Made by 100\*50mm hot-dip galvanized steel
- Strong and stable structure



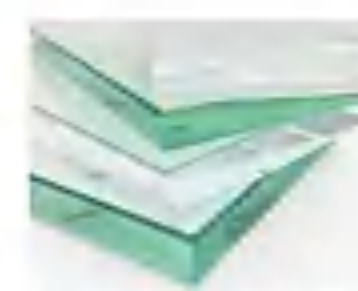
**Metal Grid**

- Sturdy structure by 50\*30mm galvanized steel
- Wire ends welding point inside the frame to prevent scratches and injuries



**Technique**

- Laser cut details and hot-dip galvanized steel
- 100% polyester powder coating to prevent rusting



**12mm Tempered Glass**

- Tempered and float glass
- Complies with European standard EN12150-1



**8-200W LED Philips Lights**

- Uniform lights
- In accordance with EN12193



intertek

LABOSPORT

SGS

ISO 9001

ISO 14001

CE



## Next Generation Turf



✓ Excellent binding force

**>100N**



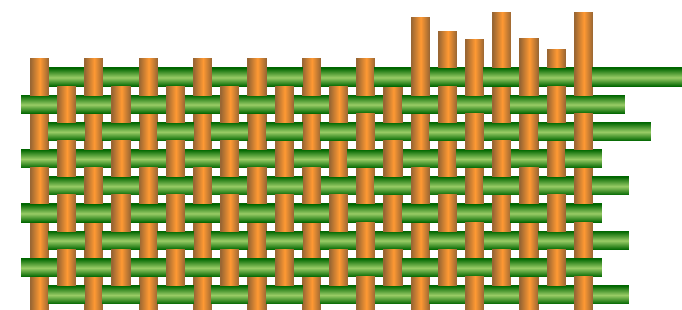
✓ Woven backing,  
Perfect drainage performance

**>110L/Min/sqm**

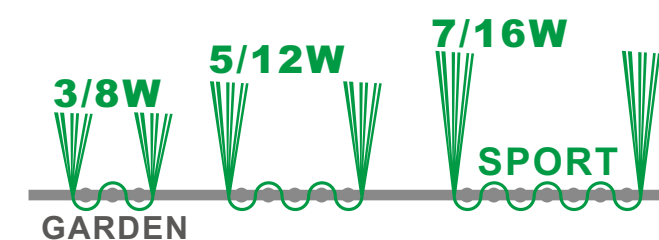


✓ Gluing-free, non-toxic

**100%** recyclable



The unique woven technology  
in the world





# Product Applications



Soccer



Rugby



Baseball



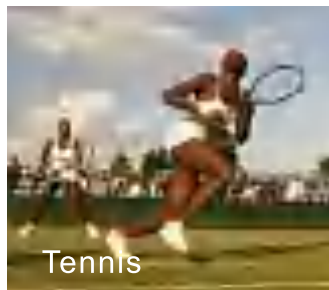
Public Greening



Golf



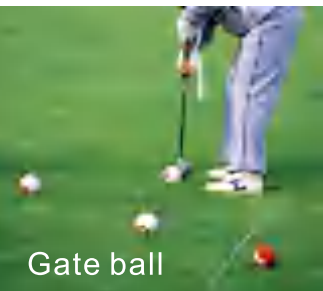
Hockey



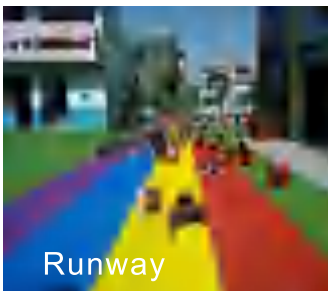
Tennis



Pet



Gate ball



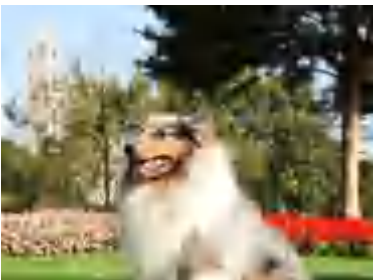
Runway



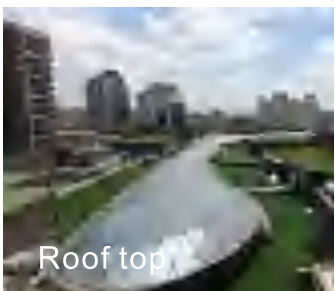
Playground

**Over 10,000,000 people**

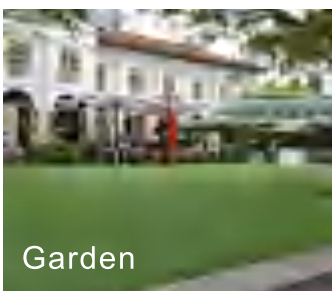
Playing on our grass every day, AVG is praised and appreciated in the world.



Aviation



Roof top



Garden

