# CASES

### FIFA Certified Fields











### Landscape Turf References







# **Football Turf** Installation Process

















\* This installation process applies to 3G infilled football turf only. A detailed installation guide is available upon request.



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# SPORTS TURF SYSTEMS

Integrated Solution Provider FIFA Licensee

# **About CGT**

Founded in 2003, Citygreen Sports Group (CGT) is China's leading manufacturer and solution provider of artificial turf. As a National Hitech Enterprise integrating research and development, manufacturing, sales and service, we offer a wide range of products, including artificial turf, grass tiles, interlocking floor and turf protection floor. Driven by innovation and continuous improvement, CGT has created numerous models for professional sport clubs, stadiums, leisure/DIY, school playgrounds, kindergartens, landscaping, etc.

CGT became a FIFA licensee for football turf in Oct. 2019 as our ongoing efforts to meet the highest standards in durability and playability, striving to become a world-class supplier of sports facilities and creating unlimited possibilities for the world's sports industry.









# **Honors & Qualifications**

### Company Strengths















ISO14001





ISO45001

**Product Certifications** 









RoHS REACH



# Non-infill Football Turf System

Super wear-resistant fibers

KDK texturized yarns

Shock pads (optional) -

Concrete/asphalt sub-base



### Great Playability

The soft and resilient pile fibers combined with a dense thatch layer ensure natural and non-directional ball rolls to meet high sports performance demand. Double layer PP + leno backing (or PU backing) guarantees ultra-strong tuft lock.



Eco-Friendly Solution

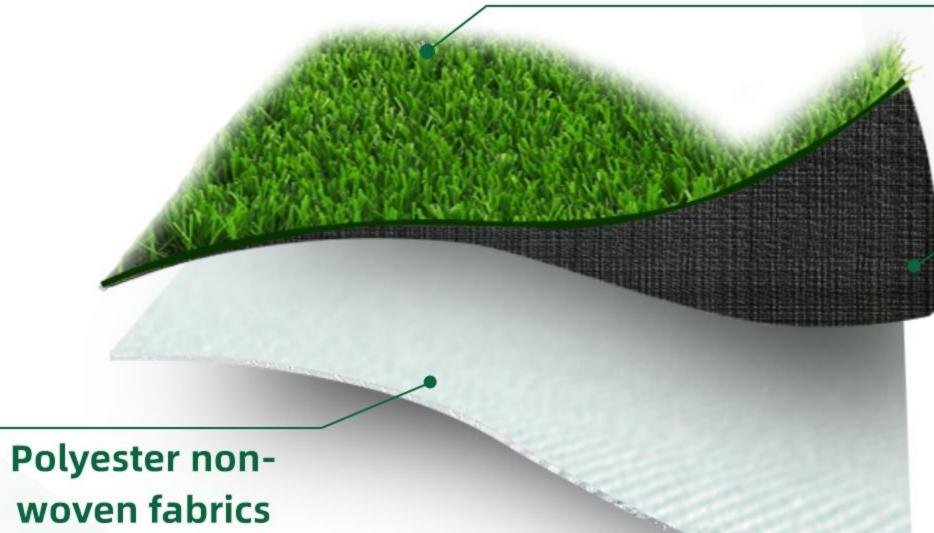
Free of rubber infills, it's a greener choice without the fear of infill loss and safer for teenagers and children.



Easier to Install, Maintain & Recycle
Less transportation and handling are required du Less transportation and handling are required during installation and the carpet can be removed easily at the end of use life.

# 100% Recyclable Sports Turf

# Polyethylene grass yarns



**Durable polyolefin** woven fabrics

woven fabrics



# **Extra-Strong Tuft Lock**

CGT's advanced hot-melt echnology allows each tuft to be firmly locked into the backing.



## **Excellent Water Permeability**

The super permeable backing achieves water drainage rate  $>50L/m^2/h$ .



## **Entirely Recyclable**

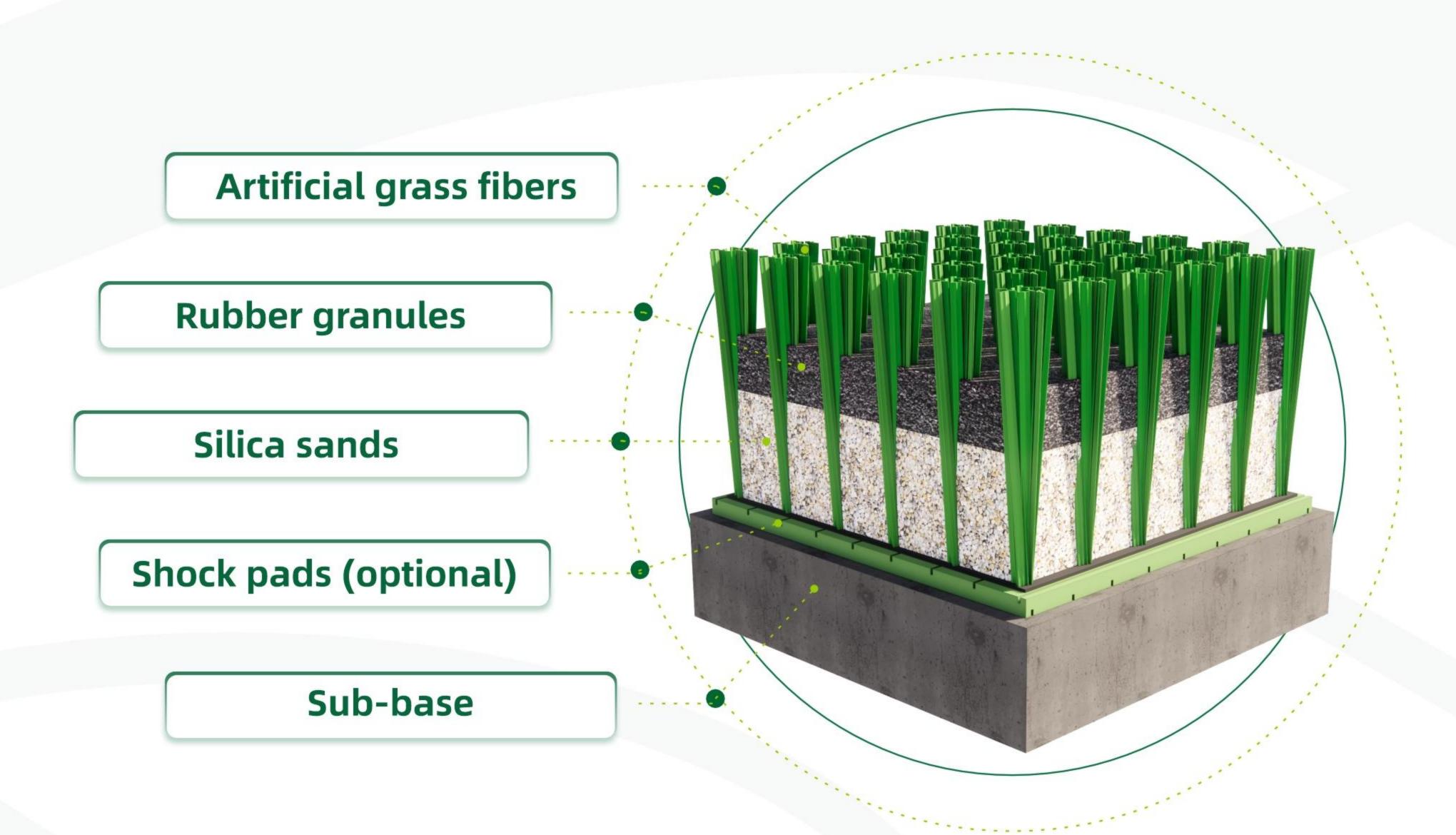
ngineered to solve end-of-life recycled without separation.



### **Extended Durability**

Super wear-resistant, anti-aging and weather-resistant, the use life can be extended to a maximum of 8 years.

# 3G INFILLED FOOTBALL TURF SYSTEM













## INNOVATING FOR THE ULTIMATE SPORTS PERFORMANCE

# Super wear-resisting turf

- Withstand Labosport test up to 450,000 cycles
- Wear resistance 30% higher than regular products
- Increase playing time and lifespan

**Ability to withstand** 

extreme temperatures

Reinforced backing to minimize

Extend the service life of the surface

experience properties

Shock absorption 35% higher than

Rotation resistance test meets FIFA standard

Soft fibers to effectively reduce burn hazards

expansion and contraction

Excellent player

regular products

Temperature tolerance range -40°C-80°C



## **Anti-aging & UV stability** High-grade raw materials and improved formula

- Engineered for high-UV areas with warranty up to 8 years
- Suitable for various types of fields in all weather conditions



# Outstanding pile recovery

- Advanced extruding technology to ensure upright persistence
- Piles bounce back quickly after being trodden
- Perfect balance between resilience, flexibility and comfort





# Ultra-strong tuft lock

- Tuft withdrawal force higher than FIFA standard
- 42% stronger than regular products
  - Minimal yarn loss even in high-intensity matches





# PE Shock Pads (Elastic Underlay)

- Higher-than-average density and thickness
- Water permeability above FIFA standard
- Temperature tolerance range -50°C-85°C



## • Performance Infills •

# **SBR** Granules

# TPE Eco-granules 🙀 🐲



- Environmental-friendly, odorless
- Ultra wear-resistant and better elasticity





## • Joint Tapes •

# • Two-component Glue •





