

FIELDTURF

OUR ENVIRONMENTAL COMMITMENT

Sustainability and ecodesign are an integral part of our product design and manufacturing processes. For this reason, we develop high-performance material and encourage the use of natural and renewable materials.

The 4 pillars of our environmental commitment are as follows:

Choose better materials

Select flooring produced with fewer resources

Ensure safer, healthier products in people friendly- spaces

Participate in reuse and recycling of products

PRODUCT INNOVATION

We develop high-performance material and encourage the use of natural and renewable materials.

- The production of every FieldTurf artificial turf surface recycles 20 to 25,000 used tyres.

RESOURCE MANAGEMENT

We design flooring which requires fewer resources for its production.

- In order to reduce our carbon footprint, no chemicals are used for the production of FieldTurf artificial turfs.

WELL-BEING AND QUALITY OF LIFE

We manufacture healthier and safer products.

RECYCLING

Recycling is actively used.

- FieldTurf surfaces can potentially be fully recycled.

TARKETT

- 30 production sites
- 8 800 employees worldwide
- Sales in over 100 countries



Information

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ARTIFICIAL GRASS

FieldTurf Optimum



Resistance
Performance
Resilience



FIELDTURF OPTIMUM

A PIONEERING SPIRIT

From its invention of the first infilled, long pile turf system, now the standard for sports fields across the globe, FieldTurf has always been a generation ahead of the competition – continually leading innovation in performance, safety and durability. The key of the success: imagining and designing new products that are increasingly efficient, safe and long-lasting, surrounding it with experts and having support from the largest sporting federations.

INNOVATION AT ITS FINEST

A result of the passion and ingenuity of its scientists, the new **FieldTurf Optimum** is targeting the highest possible levels of performance for football and rugby.

This perspective is what drives FieldTurf relentlessly to improve artificial turf systems, now with its own fiber manufacturing plant. This makes it one of the most vertically integrated companies in the industry – with full control over global steps of the turf system – fiber, tufting, coating and installation. All this to guarantee its customers a maximum level performance, strength and safety.



FieldTurf maintains that artificial turf must be seen as a multi-component system – fiber, infill, backing and coating process. Understanding the specific features of each of these components and how they interact is the basis for creating pioneering, highly-efficient artificial turf systems.

WHY FIBER? WHY NOW?

It is very simple. FieldTurf felt it had to control each component, from its design to its manufacture and inclusion in the complete system, to guarantee the top quality of its products. The new FieldTurf manufacturing plant in Germany, staffed by experts in the fiber market, will design and produce fibers at the cutting edge of technology for tomorrow’s sports fields.



THE PILLARS OF FIBER PERFORMANCE

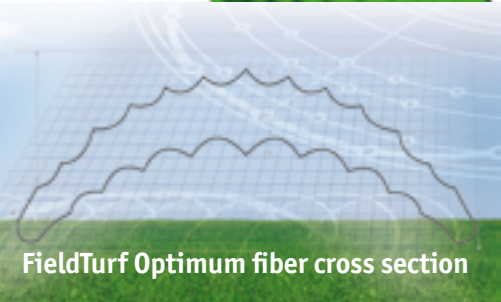
Polymer. Process. Geometry.

FieldTurf seeks to understand the fiber better so that it can create increasingly efficient products. The scientists started from the premise that the key to artificial turf fiber performance lies not just in its shape but in the combination of polymer, extrusion process and geometry.

They applied each of these pillars to perfect the **FieldTurf Optimum** fiber, guaranteeing strength, performance and durability.

- **An exclusive, specifically-engineered polymer**, for playing comfort and increased safety for the player.
- **A state-of-the-art extrusion process**, to maintain the durability properties of each fiber.
- **A unique, concave and ridged shape**, for a natural look and softness.

Intricate concave and ridged construction of the fiber



INNOVATIVE	SAFE	BEST INVESTMENT	PLAYERS' CHOICE
DURABLE	ECO FRIENDLY	CONSTANT	MODULABLE

FieldTurf Optimum system exists in 42mm, 45 mm, 50mm (with shockpad), 60mm, and 63mm for football, as well as 65 mm for rugby. A complete range of infill options is also available.

RESISTANCE AND DURABILITY

The unique shape of **FieldTurf Optimum** complete with numerous ridges that run from top to bottom alongside each face of the fiber, was created to eliminate breaking points in each artificial grass blade. Reinforced, the fiber is especially resistant to early splitting and degradation from the sun’s ultraviolet rays. The exclusive polymer includes ultra-efficient UV inhibitors.

Combining this fiber with other components in the FieldTurf system guarantees a field that lasts, whatever the weather.

RESILIENCE AND NATURAL APPEARANCE

The **FieldTurf Optimum** fibers have been designed to reflect light better. Their concave shape disperses the softened light uniformly. This gives them a natural matt appearance that is second to none.

The **FieldTurf Optimum** fiber is soft yet very durable. Laboratory wear tests have demonstrated that the fiber is very resistant to flattening and retains all its sports related properties, even under intensive use.

OUTSTANDING SPORTING PERFORMANCES

Any top-class artificial turf surface must provide playing comfort, safety, ball roll and shock absorbancy. Research into the **FieldTurf Optimum** fiber has shown that the exclusive polymer reduces the abrasion and friction coefficients significantly and thus the risk of burns.

MAINTENANCE

FieldTurf advises to comply with its recommendations for field maintenance, as described in the maintenance manual. This ensures the long term sporting performances and has a positive impact on the lifespan of the field. Contact your FieldTurf dealer for more details.

The FieldTurf patented infill makes sure that the field remains consistent and uniform, according to specification detail in the maintenance guide. Players can move freely without fear of injury.



CHOOSE THE FIELDTURF PATENTED SYSTEM FOR YOUR FIELDTURF OPTIMUM

- 1 Exclusive FieldTurf Optimum fiber
- 2 Patented infill (sand, mix of sand and cryogenic rubber, cryogenic rubber)
- 3 Patented finger-unit backing and drainage system
- 4 Sewn seams

