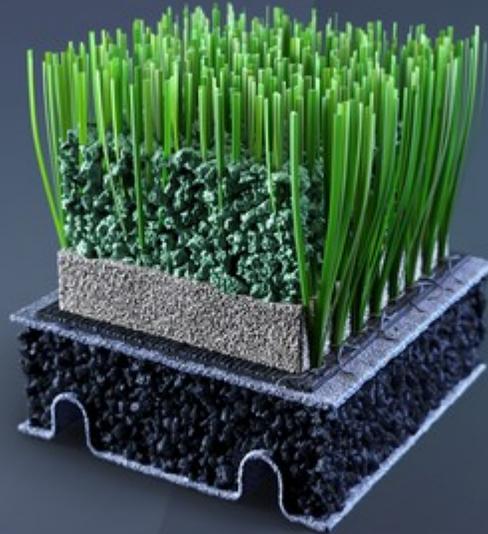


# 4NX AER FTS

THE PERFECT BIOMECHANICAL RESPONSE.



**4NX AER FTS IS A NEXT-GENERATION ARTIFICIAL TURF SYSTEM COMPOSED OF 4NX MONOFILAMENTS WITH A SEMI-CONCAVE UPRIGHT STRUCTURE AND THREE ASYMMETRICAL RIBS, ECOFILL® REBOUND TECHNICAL INFILL, AND ELASTIC AND SHOCK-ABSORBING FINE TUNED SYSTEM® UNDERLAYMENT.**



#### 4NX MONOFIBRE

400-micron thick polyethylene monofilament with semi-concave structure and three asymmetrical spines.



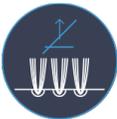
#### MONDOTURF FINE TUNED SYSTEM® SHOCK PAD

A shock-absorbing and draining prefabricated underlayment made from granules of post-consumer rubber that ensures an optimal and uniform elastic response.



#### ECOFILL® REBOUND

A patented performance infill made of thermoplastic rubber granules specifically developed for athletic applications.



#### BACKING WITH POLYURETHANE COATING

During the manufacturing process of Mondoturf layers, fibres are woven on a double-layer polypropylene backing and affixed with a polyurethane application.

## 4NX AER FTS

In soccer, the interaction between player, ball, and surface is critical. To maintain the proper balance, the field must provide the perfect combination of ball control and biomechanical response. The Mondoturf FTS3 system with 4NX turf, Ecofill® Rebound technical infill and FTS shock-absorbing underlayment ensures proper ball bounce and roll, and provides consistent support for acceleration, rotation, and torsion movements, which minimizes the risk of injuries and premature fatigue.

## MONDO FTS3 SYSTEM: THE PERFECT COMBINATION.

The FTS3 system was developed entirely by MONDO: From the fibers to the Ecofill® Rebound technical infill to the shock-absorbing FTS underlayment, each component was designed and produced in MONDO's laboratories and factories.

It's an exclusive combination that ensures excellent sports performance and technical functionality. Thanks to the 4NX monofilament's optimized dimensional memory, the turf allows players to control ball roll and bounce, and it maintains its characteristics over time. The synergy between form of the fiber and technical characteristics of the selected polymers increases the turf's durability, even under stress and extreme weather conditions.

MONDO's extrusion process integrates a new, low-density polyethylene to improve the fiber's softness and prevent abrasions when players come in contact with the surface. The patented Ecofill® Rebound technical infill, in thermoplastic granules, improves resilience, allows athletes to perform torsion movements without strain, and minimizes the elastic effects of traditional shock-absorbing materials. Installing the surface along with FTS shock-absorbing underlayment enhances the consistency of the field's biomechanical response, increasing shock absorption, stability, and energy return. It also enhances the system's durability and allows the use of turf with shorter fibers, which means less infill is required.

## MONOFIBRE 4NX 12 45 AER FTS K43

### YARN HEIGHT

45 mm

### YARN DITEX

13.000 dtex

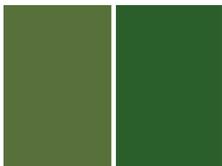
### INFILL

Sand + Ecofill Rebound

### ELASTIC CARPET

Fine Tuned - 14,5mm

## COLOR RANGE



## CERTIFICATIONS

**Official FIFA Test Report Mondoturf NSF Monofibre 4NX 12 45 A ER FTS K43**

**Test Report EN 15330-1 Mondoturf NSF Monofibre 4NX 12 45 A ER FTS K43**

**Greenguard Gold Certificate Mondoturf NSF Monofibre 4NX 12 45**

17/09/2019

Mondo keeps the right to modify the characteristics of the products in any moment

## MONOFIBRE 4NX 16 45 AER FTS K43

### YARN HEIGHT

45 mm

### YARN DITEX

16.000 dtex

### INFILL

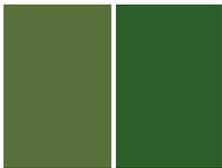
Sand + Ecofill Rebound®

### ELASTIC CARPET

Fine Tuned - 14,5mm

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## COLOR RANGE



## CERTIFICATIONS

Greenguard Gold Certificate Mondoturf NSF Mondofibre 4NX 16 45

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