SOCCER

Soccer’s not a sport; it is a passion. As such, the field it is played on matters. It must respond to the players’ bodies, have the right grip for their cleats and provide consistent ball bounce. It must all come together for the soccer player. Because although it is just a game, it is a serious one.



GIVING HOME FIELD ADVANTAGE TO EVERY PLAYER.

CUTTING-EDGE TECHNOLOGY TO OBTAIN THE MOST NATURAL SYNTHETIC TURF IN THE WORLD.

Our artificial turf systems are the result of years of study at MONDO's research laboratories in collaboration with the Institute for Biomechanics of Valencia (IBV), the Laboratory of Ergonomics and Biomechanics of the University of Pavia, International Federations and professional European football teams.

Simulations were carried out with instruments and players in real match situations, player surface and ball surface interactions were analysed: our research is aimed to find the best combination between fibers, infill and sub-bases, to guarantee every player to play the best match.



MONDO AND FIFA: ON THE PLAYERS' SIDE.

MONDO produces third-generation artificial turf systems for soccer.
Only systems that have been laboratory and field-tested according to the stringent criteria of the FIFA Quality Programme can be called soccer turf. This name signifies that the systems fulfill the playing performance, safety, durability and quality assurance requirements necessary for soccer.
We wouldn't have it any other way.

SOCCER

4NX AER FTS



THE PERFECT BIOMECHANICAL RESPONSE.

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.

4NX MONOFIBRE

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

MONDOTURF FTS 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 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.

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.

4NX AER FTS

4NX 12 45 AER FTS K43

Yarn Height	45 mm
Yarn Dtex	12.000 dtex
Infill	Sand + Ecofill® Rebound
Elastic Carpet	Fine Tuned - 14,5 mm

4NX 16 45 AER FTS K43

Yarn Height	45 mm
Yarn Dtex	16.000 dtex
Infill	Sand + Ecofill® Rebound
Elastic Carpet	Fine Tuned - 14,5 mm

All Mondoturf carpets are Greenguard and Greenguard Gold certified.

SOCCER

4NX AER EF



MAXIMUM CONTROL OVER THE MATCH.

Ball control is crucial in soccer. So choose a field that combines resilience, durability, and a consistent dimensional stability throughout the entire surface. By combining Mondoturf 4NX turfs with Ecofill® Rebound infill and a lightweight shock-absorbing polyolefin foam underlayment, 4NX AER EF ensures a high-performance field with optimal shock absorption and excellent fiber resilience.

4NX MONOFIBRE

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

ELASTIC UNDERLAYMENT

Elastic under layers made from expanded polyethylene foam.

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 EF 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 prefabricated elastic underlayment in reticulated polyolefin foam.

ECOFILL® REBOUND: PERFORMANCE AND SAFETY.

Ecofill® Rebound technical infill is the latest generation of thermoplastic granules, designed and patented by MONDO for artificial turf sports systems. It ensures optimal resistance, durability, controlled compaction, and biomechanical performance. An eco-friendly alternative to traditional post-consumer infill, it's odorless and it reduces heat absorption.

MONOFIBRE 4NX: DESIGNED TO LAST.

Maintaining a synthetic turf field's performance over time means ensuring a consistent interaction between the ball and the surface, and reducing the risk of injuries to athletes. That's why MONDO designed 4NX, a monofilament that combines an exclusive shape with greater thickness for superior elastic memory. The tufts of fiber quickly return to their original position after contact with the foot, so they remain upright when the ball rolls by - maintaining long rolling and rebound times.



4NX AER EF

4NX 12 45 AER EFT10

Yarn Height	45 mm
Yarn Dtex	12.000 dtex
Infill	Sand + Ecofill® Rebound
Elastic Carpet	Elastic Foam - 10 mm

4NX 16 45 AER EFT10

Yarn Height	45 mm
Yarn Dtex	16.000 dtex
Infill	Sand + Ecofill® Rebound
Elastic Carpet	Elastic Foam - 10 mm

All Mondoturf carpets are Greenguard and Greenguard Gold certified.

SOCCER

DUAL PRO ANMX EF



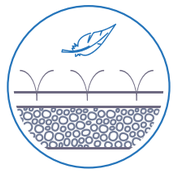
THE PERFECT COMBINATION FOR TOP LEVEL PERFORMANCES.

This all adds up to the greatest possibilities in high-performance football practice, this is why MONDO combined its 4NX and Saturn monofilaments in a single turf carpet, which, together with the organic Natural Mix® infill and a prefabricated elastic underlayment grant to the entire system the greatest biomechanical conditions for playing football: excellent player-surface and ball-surface interaction.



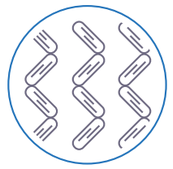
DUAL PRO

Artificial turf system that pairs semi-concave 4NX monofilaments with three symmetrical ribs with Saturn monofilaments, with a straight structure and a single central rib.



ELASTIC UNDERLAYMENT

Elastic under layers made from expanded polyethylene foam.



ZIG-ZAG PATTERNED TUFTING

Tufting manufacturing process with zig-zag direction.

DUAL PRO ANMX EF is a next-generation artificial turf system composed of 4NX monofilaments with a semi-concave upright structure and three asymmetrical ribs, Saturn monofilaments, with a straight-structure and a central spine, Natural Mix® technical infill, and prefabricated elastic underlayment in reticulated polyolefin foam.

The extrusion process of all MONDO fibers includes the latest UV stabilizer technology, making the artificial turf surface resistant to wear from weather conditions. This allows the product to preserve its sports performances intact and its aesthetic appearance longer.

DUAL PRO: COMBINED MONOFILAMENTS.

The combination of 4NX monofilaments providing the greatest resilience to the system, with Saturn monofilaments that lend it greater softness, endows this system with the greatest performance level for use in sports. DUAL PRO also features an exclusive tufting technique: 4NX and Saturn monofilaments are tufted to the backing by Zig-Zag stitches, thereby achieving homogeneous distribution of both fiber types throughout the playing surface and bestowing greater aesthetic appearance to the system once installed.

NATURAL MIX®: 100% ECO-FRIENDLY.

Natural Mix® performance infill is a mixture of patented Ecofill® Rebound thermoplastic granules and 100% natural cork granulate. The elastic properties of the polyolefins combined with the characteristics of the suberin help the infill's granulometry and controlled compaction values remain constant over time and provide an excellent mixed organic solution with low heat conductivity. Low gas and water permeability result in a fresher, odour-less pitch that is resistant to micro-organisms.



DUAL PRO ANMX EF

DUAL PRO 14 45 ANMX EFT10

Yarn Height	45 mm
Yarn Dtex	15.000 dtex
Infill	Sand + Natural Mix®
Elastic Carpet	Elastic Foam - 10 mm

All Mondoturf carpets are Greenguard and Greenguard Gold certified.

SOCCER

DUAL ANMX EF



PERFORMANCE THAT SERVES THE ENVIRONMENT.

The field’s composition is important for both athletes and the environment. MONDO designed and produced a system that combines DUAL turf and the innovative Natural Mix® technical infill to ensure the playing field’s technical capabilities while being eco-friendly.



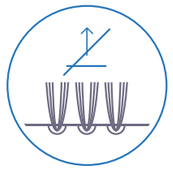
DUAL

Artificial turf system that pairs semi-concave 4NX filaments with three symmetrical ribs with Monofeel filaments, with a straight, pre-fibrillated structure.



ELASTIC UNDERLAYMENT

Elastic under layers made from expanded polyethylene foam.



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.

DUAL ANMX EF is a next-generation artificial turf system composed of 4NX monofilaments with a semi-concave upright structure and three asymmetrical ribs, Monofeel fibrillated filaments, Natural Mix® technical infill, and prefabricated elastic underlayment in reticulated polyolefin foam.

DUAL: THE COMBINED TURF.

Combining 4NX monofilaments and Monofeel pre-fibrillated filaments in a single turf gives DUAL significant technical advantages: resilience and substantially reduced technical infill splash thanks to Monofeel’s precise fibrillation sequence. MONDO’s fiber extrusion process integrates a state-of-the-art UV stabilizer, making the turf resistant to wear from weather conditions and solar radiation. This allows the field to maintain its playing characteristics and aesthetics for a long time.

NATURAL MIX®: 100% ECO-FRIENDLY.

Natural Mix® performance infill is a mixture of patented Ecofill® Rebound thermoplastic granules and 100% natural cork granulate. The elastic properties of the polyolefins combined with the characteristics of the suberin help the infill's granulometry and controlled compaction values remain constant over time and provide an excellent mixed organic solution with low heat conductivity. Low gas and water permeability result in a fresher, odour-less pitch that is resistant to micro-organisms.



DUAL ANMX EF

DUAL 18 45 ANMX EFT10

Yarn Height	45 mm
Yarn Dtex	18.000 dtex
Infill	Sand + Natural Mix®
Elastic Carpet	Elastic Foam - 10 mm

All Mondoturf carpets are Greenguard and Greenguard Gold certified.