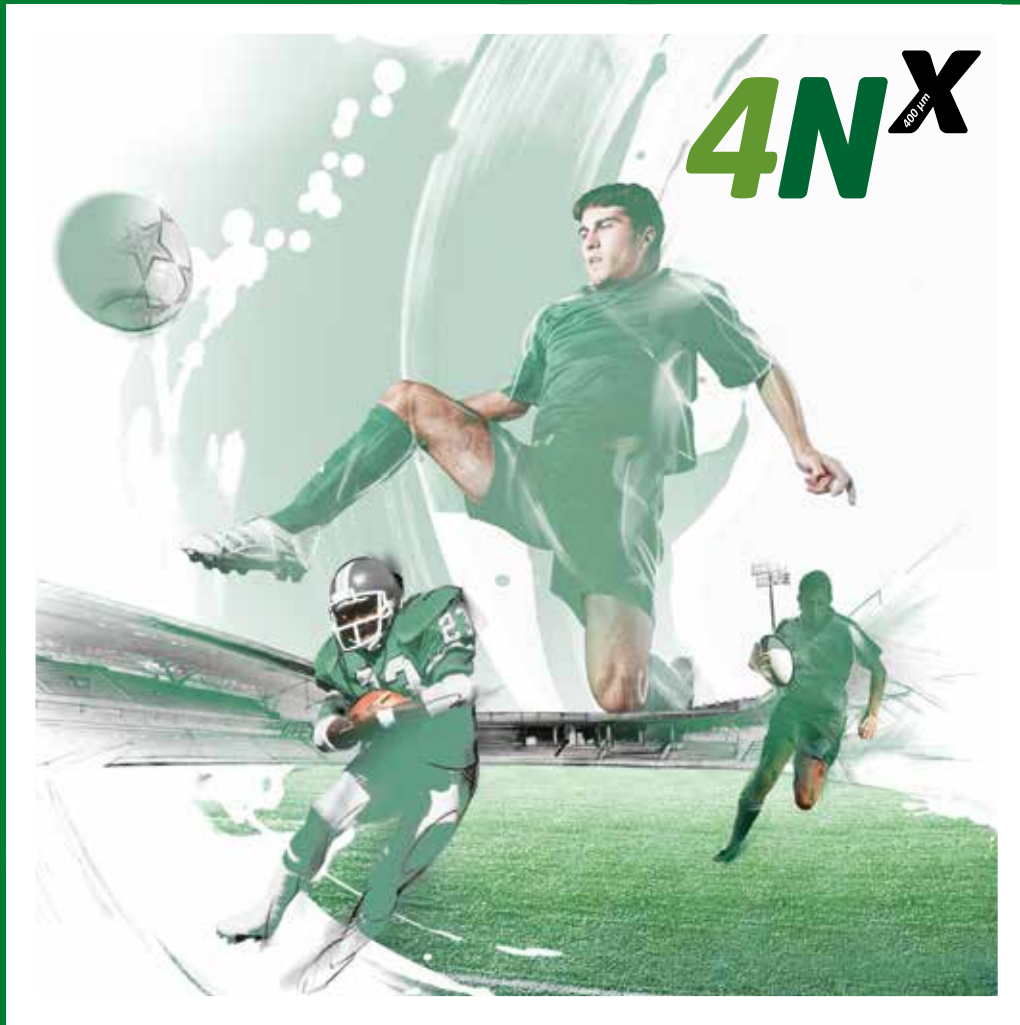


MONDO TURF

ARTIFICIAL TURF SYSTEMS



 **MONDO**
RUNNING ON INNOVATION

NEW

MONOFILAMENT

4N^X

The new 4N^X fibre maintains the excellent and successful concept of the semi concave structure with triple asymmetric spines perfecting some of the features of the 3N^X, which substantially improves the technical and sports capabilities of the Mondoturf artificial turf systems. The new product, backed with a double coating of polypropylene and polyurethane guarantees a strong tear resistance of the fibre.



POLYURETHANE BACKING ADVANTAGES

- Improved resistance
- Increased carpet durability
- Reduced carpet weight



GREATER THICKNESS: 400 MICRONS AND NEW RADIAL MORPHOLOGY

The new thickness of 400 microns improves the elastic memory by increasing resilience. The new curvature radius substantially improves the tear resistance enhancing mechanical stress.



4N^X

4N^X TECHNICAL FEATURES

INNOVATION	BENEFITS
New shape	Excellent ball bounce and spin. Increased durability of sport performances. Less maintenance
New profile	Better player-pitch interaction. Increased comfort
New design	Excellent biomechanical characteristics
New polymer	Increased resistance and durability. Increased technical and sports capabilities
New UV stabilizer	Less fading, better retention of technical characteristics
New two-tone color	Brighter, more natural look

4N^X TECHNICAL DETAILS

Filament type:	Monofilament
Filament shape:	Semi concave structure with reinforced asymmetric spines
Composition:	Low density Polyethylene (PE)
Thickness:	400 µm
Dtex.:	2000 dtex
Dtex. 1:	12.000 / 6
Dtex. 2:	16.000 / 8
Color:	New and lighter two-tone color



LATEST GENERATION POLYMER: NEW MOLECULAR ORIENTATION

The new fibre incorporates in its extrusion process a new type of low density polyethylene with a new polymerization method and a new catalysis process specially designed for 4N^x. The molecular alignment and orientation have been perfected to guarantee in the long term the excellent mechanical properties.



IMPROVED PROTECTION

The addition of special anti-UV stabilizers improves resistance to UV and atmospheric chemicals.



NEW TWO-TONE COLOR

A new two-tone color and scattered-light effect give the turf a bright and natural look.



EASY MAINTENANCE

The extreme resilience of the fiber and its thicker structure facilitate the infill operations of the field and make the maintenance easier.



STRONG AND DURABLE

4NX monofilaments are more resistant thanks to a perfect synergy between the polyurethane backing, the carpet construction and the structure of the fibre.



100% MONDOTURF PROPRIETARY MANUFACTURING PROCESS



**Yarn
Manufacturing**



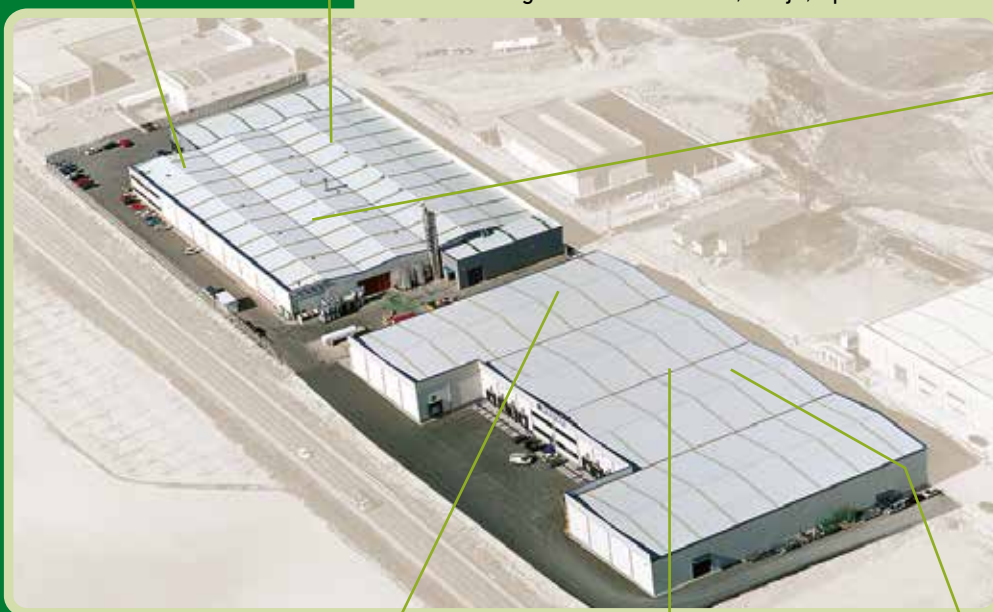
PU Coating Unit



Tufting Unit



Mondo Tufting Production Center, Borja, Spain



**Infill-Granules
Manufacturing**



**R&D
Laboratory**

Warehouse

Mondo is the only turf producer with the know-how to design, produce and install the complete system: yarn, backing, elastic underlayment and infill to ISO 9001 standards.

QUALITY CONTROL: having full control of all areas of production, Mondo can guarantee the highest standards of quality.

 **MONDO**

www.mondoturf.com