

5NX 17 AC EF

MAXIMUM CONTROL OVER THE MATCH.



5NX 17 AC EF IS A NEXT-GENERATION ARTIFICIAL TURF SYSTEM COMPOSED OF 5NX MONOFILAMENTS WITH A SEMI-CONCAVE UPRIGHT STRUCTURE AND THREE ASYMMETRICAL RIBS, CORK 120 TECHNICAL INFILL, AND PRE-FABRICATED SHOCK-PAD IN RETICULATED POLYOLEFIN FOAM.

THE SYSTEM IS AVAILABLE WITH DIFFERENT ELASTIC UNDERLAYS: PREFABRICATED MATS MADE FROM CLOSED-CELL, CROSS-LINKED POLYTHENE FOAMS OR ELASTIC SUBSTRATE LAID ON SITE, MADE FROM SBR GRANULES.



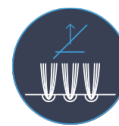
5NX

Polyethylene monofilament with a semi-concave structure with three asymmetrical ribs and a thickness of 420 microns



ELASTIC UNDERLAYMENT

Elastic underlayment made from expanded polyethylene foam.



BACKING WITH POLYURETHANE COATING

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



CORK 120

Cork granules performance infill for artificial turf pitches.

5NX 17 AC EF

All the components of the synthetic turf systems are important to be able to play football at your best, which is why MONDO has combined its 5NX monofilaments with the Cork120 performance cork infill and a prefabricated elastic shock-pad in polyolefin foam, to give the system the best biomechanical properties for playing football: excellent player-surface and ball-surface interaction.

5NX. EXTRA THICKNESS, EXTRA CONTROL.

An artificial grass field must be able to maintain the ball-surface interaction characteristics over time and reduce the risk of injury for the players.

For this reason, MONDO has designed 5NX, a monofilament that combines the exclusive three-rib morphology with the extra thickness of 420 microns and optimizes the elastic memory of the fibers. The synthetic grass yarns quickly return to their original position after foot pressure and remain in a straight position as the ball passes, allowing excellent ball rolling control.

CORK 120: 100% CORK PERFORMANCE INFILL

100% cork performance infill offers a whole range of advantages for artificial turf systems and it is completely microplastic free:

- Excellent elasticity and shock absorption - the cellular structure of the cork is filled with a mixture of gases which allows the material to be compressed to over half of its original volume and spring back to size without being damaged;
- Long lasting - the presence of suberin makes cork highly resistant to moisture and oxidation;
- Low heat absorption when exposed to sunlight;
- Highly fire resistant;
- Environmentally friendly;
- Odour resistant.

In addition, compared to mixed organic infill, the 100% cork performance infill:

- It does not contain dust deriving from the shredding of other organic materials that could limit the drainage of the field.
- Ensures uniform elasticity, because it is made exclusively of resilient material granules.



MONDOTURF NSF 5NX 17 45 AC120 EFT5010

Filaments Type: straight monofilaments with a semi-concave section and three asymmetrical ribs

Pile height: 45 mm

Yarn Dtex: 17,400 Dtex

Infill: Sand + Cork

Elastic Carpet: Prefabricated roll EFT5010 (XC 5010)

Shockpad composition: Cross-linked polyethylene foam

Thickness: 10 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF 5NX 17 45 AC120 EFT5010

Test Report NF P 90-112 Mondoturf NSF 5NX 17 45 AC120 EFT5010

GREENGURAD GOLD CERTIFICATION MONDOTURF NSF 5NX 17 45

MONDOTURF NSF 5NX 17 45 AC120 EL25

Filaments Type: straight monofilaments with a semi-concave section and three asymmetrical ribs

Pile height: 45 mm

Yarn Dtex: 17,400 Dtex

Infill: Sand + Cork

Elastic Carpet: In-situ elastic layer EL 25mm

Shockpad composition:

Thickness: 25 mm

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