

DUAL PLUS AC EF

ECO-SUSTAINABLE PERFORMANCES



DUAL PLUS AC EF IS A NEXT-GENERATION ARTIFICIAL TURF SYSTEM COMPOSED OF 5NX MONOFILAMENTS WITH A SEMI-CONCAVE UPRIGHT STRUCTURE AND THREE ASYMMETRICAL RIBS, MONOFEEL FIBRILLATED FILAMENTS, CORK 120 TECHNICAL INFILL, AND PREFABRICATED 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.



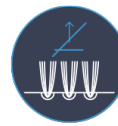
DUAL PLUS

Synthetic turf system that pairs semi-concave 5NX filaments with three symmetrical ribs with Monofeel filaments, with a straight, pre-fibrillated structure.



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.

DUAL PLUS AC EF

The playing field must be performing, but also safe for the players and the environment: the combination of the DUAL PLUS turf with the Cork120 performance infill, 100% recyclable, and a prefabricated elastic shock-pad allows to obtain a resilient rugby pitch, elastic and able to absorb shocks homogeneously.

DUAL PLUS: THE COMBINED TURF.

Combining 5NX monofilaments and Monofeel pre-fibrillated filaments gives DUAL PLUS synthetic turf both resilience and extra thickness 5NX's technical advantages, and substantially reduced technical infill splash, thanks to Monofeel's precise fibrillation sequence.

MONDO's filaments 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.

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 DUAL PLUS 19 60 AC120 EFT7012

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

Pile height: 60 mm

Yarn Dtex: 19,300 Dtex

Infill: Sand + Cork

Elastic Carpet: Prefabricated roll EFT7012 (XC 7012)

Shockpad composition: Cross-linked polyethylene foam

Thickness: 12 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF DUAL PLUS 19 60 AC120 EFT7012

WR Regulation 22 Report, Mondoturf NSF DUAL Plus 19 60 AC120 EFT7012

Test Report NF P90-112 Mondoturf NSF DUAL PLUS 19 60 AC120 EFT7012

FIFA Q, MONDOTURF NSF DUAL PLUS 19 60 AC120 EFT7012

Greenguard Gold Certificate MONDOTURF NSF DUAL PLUS 19 60

MONDOTURF NSF DUAL PLUS 19 60 AC120 EFT5012

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

Pile height: 60 mm

Yarn Dtex: 19,300 Dtex

Infill: Sand + Cork

Elastic Carpet: Prefabricated roll EFT5012 (XC 5012)

Shockpad composition: Cross-linked polyethylene foam

Thickness: 12 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF DUAL PLUS 19 60 AC120 EFT5012

WR Regulation 22 Report, Mondoturf NSF DUAL Plus 19 60 AC120 EFT5012

Test Report NF P90-112 Mondoturf NSF DUAL PLUS 19 60 AC120 EFT5012

FIFA Q, MONDOTURF NSF DUAL PLUS 19 60 AC120 EFT5012

Greenguard Gold Certificate MONDOTURF NSF DUAL PLUS 19 60



MONDOTURF NSF DUAL PLUS 19 60 AC120 EFP19023

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

Pile height: 60 mm

Yarn Dtex: 19,300 Dtex

Infill: Sand + Cork

Elastic Carpet: Prefabricated roll EFP19023 (PP 23D)

Shockpad composition: Cross-linked polyethylene foam

Thickness: 23 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF DUAL PLUS 19 60 AC120 EFP19023

WR Regulation 22 Report, Mondoturf NSF DUAL Plus 19 60 AC120 EFP19023

Test Report NF P90-112 Mondoturf NSF DUAL PLUS 19 60 AC120 EFP19023

FIFA Q, MONDOTURF NSF DUAL PLUS 19 60 AC120 EFP19023

Greenguard Gold Certificate MONDOTURF NSF DUAL PLUS 19 60

MONDOTURF NSF DUAL PLUS 19 60 AC120 EFP25020

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

Pile height: 60 mm

Yarn Dtex: 19,300 Dtex

Infill: Sand + Cork

Elastic Carpet: Prefabricated roll EFP25020 (PP 20)

Shockpad composition: Cross-linked polyethylene foam

Thickness: 20 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF DUAL PLUS 19 60 AC120 EFP25020

WR Regulation 22 Report, Mondoturf NSF DUAL Plus 19 60 AC120 EFP25020

Test Report NF P90-112 Mondoturf NSF DUAL PLUS 19 60 AC120 EFP25020

FIFA Q, MONDOTURF NSF DUAL PLUS 19 60 AC120 EFP25020

Greenguard Gold Certificate MONDOTURF NSF DUAL PLUS 19 60



MONDOTURF NSF DUAL PLUS 19 45 15 AC120 EL25

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

Pile height: 45 mm

Yarn Dtex: 19,300 Dtex

Infill: Sand + Cork

Elastic Carpet: In-situ elastic layer EL 25mm

Shockpad composition:

Thickness: 25 mm

CERTIFICATIONS

Test Report EN 15330-1 Mondoturf NSF Dual Plus 19 45 15 AC120 EL25

Test Report NF P 90-112 Mondoturf NSF Dual Plus 19 45 15 AC120 EL25

GREENGUARD GOLD CERTIFICATE MONDOTURF NSF DUAL PLUS 19 45
