



SMOOTH / TEXTURED FILAMENTS

LigaTurf Motion

★★★★★

NO INFILL GRANULATE, THE COMPLETE SOCCER EXPERIENCE

Polytan's latest artificial turf development does not require filling and still offers playing properties that are similar to the long-established sand/rubber-filled artificial turf. Additionally, Polytan combines three different filament types in a single artificial turf system.

PROPERTIES

- Unfilled artificial football turf* in mono-filament technology
- Properties similar to natural grass with three filament systems
- Simple maintenance, no filling with infill granulate required
- High wear protection and maximum UV stability
- Natural fibre optics with three different colour components

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FOOTBALL ■ MULTISPORT

Three filaments, one system: LigaTurf Motion combines three different fibre technologies, thereby achieving a perfect result. The play feel is significantly different to previous, much more carpet-like, unfilled artificial turf with a tightly closed surface. The smooth filaments protrude above the turf surface and immediately catch the eye. The filaments provide the typical football feel during play and pleasant soft skin haptics during tackles. The LigaTurf RS+ filament used is the worldwide benchmark for support capacity and wear resistance and thus the precondition for a good football turf. The smooth fibres are combined with the well-known LigaGrass Pro filaments that provide additional stability and generate the necessary traction for players. The third component provides volume, fullness and grass optics for the new LigaTurf Motion: the textured, yet very fine and especially soft Synergy yarn. All components of the new multi-purpose turf are durable and UV-stable while the CoolPlus pigments concurrently reduce warming of the turf surface on hot days. The three different fibre colours TriColour give an appearance that is highly similar to natural fibres.

AREAS OF USE

- Amateur and professional clubs
- Training facilities
- Multi-purpose and school sports facilities
- Communal applications

PRODUCT SPECIFICATIONS

- Unfilled turf system*
- Three filament systems in 100 % mono-filament technology
- Exclusive Polytan 100% PE formulation
- Exclusive Polytan PreciTex texturing technology
- Filament count over 600,000 filaments per m²



System structure*

* The turf is filled with approx. 15 kg/m² of sand for fastening to the elastic layer.



Fibre thickness: approx. 360 µm



Fibre thickness: approx. 250 µm



Fibre thickness: approx. 120 µm

