SPRINTURF®
A PLAYCORE Company

WHERE GRIT FINDS PURPOSE

ULTRABLADE DFE 50

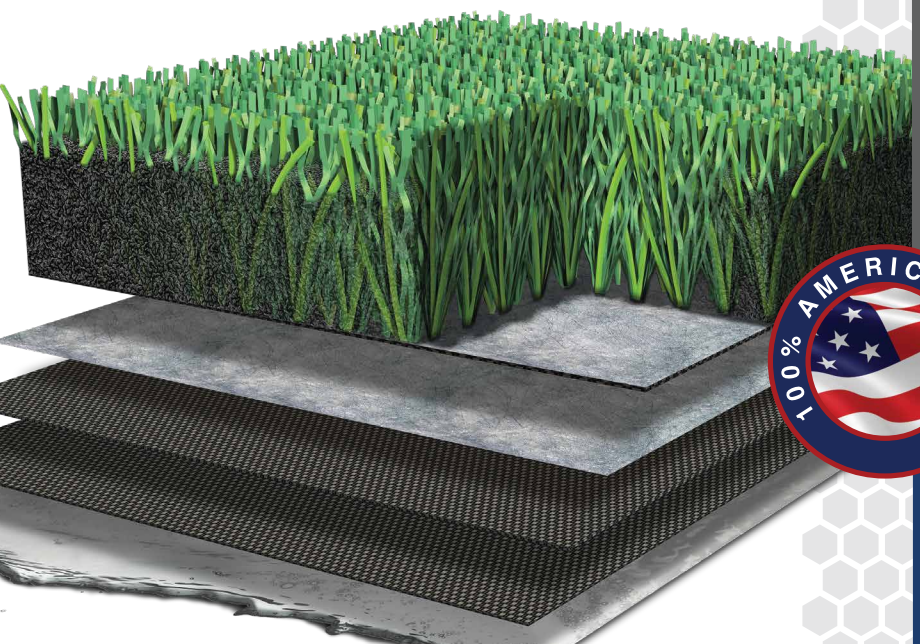
SINGLE NEEDLE

UltraBlade DFE Single Needle 50 delivers secure footing, responsive performance, and a polished game-day appearance from practice reps through daily field activity. Its integrated dual-fiber surface brings UltraBlade coverage and Sprinturf C8 monofilament structure together in a construction designed for dependable play and premium visual appeal.

Single-needle construction places UltraBlade slit-film fiber and Sprinturf C8 monofilament within the same tufting structure, creating consistent fiber distribution across the field. Each tuft combines trusted UltraBlade coverage and infill control with the resilient structure of proprietary C8 monofilament. The result is a refined athletic surface with dependable playability and a high-quality game-day finish.

Manufactured in-house in the USA, UltraBlade DFE Single Needle 50 features unique Sprinturf polymer technologies. State-of-the-art C8 monofilament resins from Dow and Nova work with proprietary metallocene slit-film resin from Exxon to create exceptional resilience, playability, and long-term durability. These proprietary formulations are a key reason Sprinturf fields deliver superior performance over the life of the field, and they are not available from other turf companies.

Sprinturf has installed more dual-fiber fields than anyone in the nation, giving this system the credibility of proven field experience. From pellet to play, Sprinturf keeps accountability connected from fiber formulation through the finished field, creating a surface built for long-term value.



SPECIFICATIONS

FIBER SPECIFICATIONS	
Fiber A	**Fibrillated Long Slit**
Denier	10,000
Thickness	120 microns
Color	Field Green
Fiber B	**Monofilament**
Denier	10,800
Thickness	330 microns
Color	Lime Green
SYSTEM SPECIFICATIONS	
Pile Height	1.75” – 2.25”
Face Weight	50 oz/yd2
Primary Backing	Non-Woven/Woven/Woven
Primary Backing Weight	8 oz/yd2
Secondary Backing	Polyurethane
Secondary Backing Weight	24 oz/yd2
Total Weight (w/o infill)	82 oz/yd2
Tufting Gauge	1/2"
Tuft Bind	>10 lbs force
Permeability	>40 inches/hour
Infill Options	Per Specifications
G Max Warranty	Per Specifications

The information provided above represents the standard characteristics for the named product. If required this product can be manufactured to meet alternative specification requirements within our manufacturing tolerances. The above referenced data and supporting reports apply only to the sample tested and are not necessarily indicative of the qualities of apparently identical or similar products.

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WHY SPRINTURF

MANUFACTURING FACILITY

ISO 9001

HISTORY

- In business since 1998
- Zero Fiber Failures
- Most fields in ground greater than 10 years*
- Most dual-fiber fields in the U.S.A.
- Most 100% rubber infill fields in the U.S.A.

TECHNOLOGY

- C8 monofilament resins from Dow and Nova are married to a proprietary metallacene slit film resin from Exxon
- Available with Cool Fiber
- Introducing new Shark-Tooth fibrillation
- Introducing new patented, no-perforation urethane coating with 2x drainage

DURABILITY

- 100K cycles on the Lisport
- 120 micron slit / 330 micron monofilament fibers for maximum durability
- Most dual-fiber fields in ground since 2007

RISK MITIGATION

- The only North American turf company with 100% of fibers made in-house and in the U.S.A. (Fiber failure is the primary cause of field failures)
- The only North American turf company with vertically integrated fiber manufacturing, tufting, coating and installation
- The only turf company that is 100% American owned, 100% invested in America and has a 100% American workforce

LISPORT TESTING

- No splitting or cracking
- Excellent resiliency

MANUFACTURING

- State-of-the-art STC Spinnzwirn extruders
- High-speed tufting machines
- Dedicated urethane coater
- Texturized thatch capability

*as percent of installed base

TUFTING

EXTRUSION

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