

WOVEN TURF



# IRONTURF™ ULTRA GREEN

**Engineered specifically for high-impact sports, IRONTURF™ Ultra Green is the world's most durable synthetic turf and is now 100% recyclable.**

We combine our patented Matrix woven technology with resilient TenCate XPS and Diamond fibers to create a playable, durable and safe turf. Using our polyolefin Duraflo coating allows IRONTURF™ Ultra Green to be fully recycled and used to make new artificial turf. Made with American sports like football in mind, we've designed denser turf bundles to offer greater resilience. The unique woven pattern of IRONTURF™ reduces infill splash, decreases rotational resistance and lessens lower leg stress, improving safety through consistent GMAX.

**YARN**

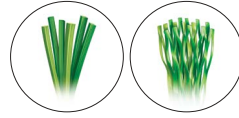
<b>DENSITY (DENIER)</b>	10,000/1 (XPS); 12,000/6 (XWRD)
<b>THICKNESS (MICONS)</b>	125 (XPS); 365 (XWRD)
<b>MELTING POINT</b>	128° C   260° F
<b>BREAKING STRENGTH</b>	24 lbs/force (XPS/XWRD)
<b>LEAD CONTENT (PPM)</b>	<100

**STANDARD COLORS**

 <b>FIELD GREEN</b> Pantone: 575C	 <b>LIME GREEN</b> Pantone: 7496C	 <b>FIELD GREEN/ LIME GREEN</b>
 <b>BROWN</b> Pantone: 1545C	 <b>NAVY BLUE</b> Pantone: 282C	 <b>FLORIDA BLUE</b> Pantone: 281C
 <b>GRAY</b> Pantone: 422+429	 <b>BLACK</b> Pantone: 000C	 <b>RED</b> Pantone: 185C
 <b>ORANGE</b> Pantone: 166C	 <b>BLUE LAGOON</b> Pantone: 2925C	 <b>RED CLAY</b> Pantone: 7526C
 <b>CRIMSON</b> Pantone: 202C	 <b>BLUEPLE</b> Pantone: 268C	 <b>TAN</b> Pantone: 728C
 <b>BRIGHT YELLOW</b> Pantone: 136C	 <b>WHITE</b> Pantone: 000	 <b>VEGAS GOLD</b> Pantone: 466C

**TURF**

**TURF CONTENT\***



WOVEN BLEND OF DURABLE XPS FIBERS AND PLAYABLE DIAMOND FIBERS

TenCate U.V. resistant XWRD monofilament and Tencate U.V. resistant XPS Plus woven with a unique blend of 13 oz/yd<sup>2</sup> of U.V. stable PP and PE weft/warp fibers for the base structure

**STABILITY COATING\*\***

13.0 oz/yd<sup>2</sup> Recyclable Duraflto polyolefin permeable coating

**TOTAL WEIGHT**

85 oz/yd<sup>2</sup>

**PILE HEIGHT**

2 inch

**FACE WEIGHT†**

59 oz/yd<sup>2</sup>

**ROLL WIDTH**

15 feet

**WATER PERMEABILITY**

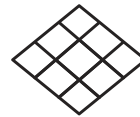
≥ 13.2 gal/yd<sup>2</sup>/min

**TUFT BIND††**

≥ 18 lbs

**STITCHING**

12 pic



59 OZ. FACE WEIGHT CREATES DENSER CONSTRUCTION



12-PIC STITCHING FOR CLEAN TURF GRAPHICS



FOOTBALL, SOCCER AND MULTISPORT FIELDS

Pile Height, Max Thickness, Face Weight, Primary & Secondary Backing, and Total Weight can differ by ±10%. Roll Width can differ by ±0.8 inch.

GreenFields has the right to alter each product specification in order to improve the system according to the latest standards.

GreenFields is not legally liable in case of noncompliance with the above mentioned specifications.

\*In woven turf, face yarn and base yarns are woven together into one structure simultaneously - there is no separate backing.

\*\*Conventional coating is not required on woven turf to keep fibers into backing. Woven turf is coated for stability purposes during the installation process.

†Face Weight reflects entire length of yarn, including portion woven into backing, which is consistent with standard ASTM method of measuring tuft including back stitch.

††Our woven technology eliminates the need for backing and makes the term "Tuft Bind" irrelevant. We have included this measure here in order to meet the requirements of certain RFPs.

