

matrix^H TURF



MATRIX TURF WITH HELIX TECHNOLOGY

Matrix® Helix Turf has Shape Memory Technology added during the manufacturing process, which twists each monofilament fiber and secures the infill. The Helix (H) Technology adds memory and strength to fibers, allowing the fibers to spring back quickly after use, creating an ideal playing surface. Matrix Turf blends two distinct fiber colors to create a more natural-looking appearance. Its quality, performance, longevity, and aesthetics are unmatched in the industry.



AT&T STADIUM - HOME OF THE DALLAS COWBOYS
ARLINGTON, TX

matrix^H TURF

PILE WEIGHT 40 – 50 oz./sq. yd.
PILE HEIGHT 1.75" – 2.5" (+/- 1/8")
TURF FIBERS 8 twisted monofilament
RESIN C8 LLDPE

BLADE SHAPE
 1 blade shape (twisted,
 2 sizes and 2 colors)

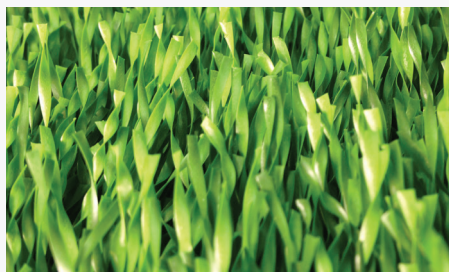


HELIX
 SHAPE
 MEMORY
 TECHNOLOGY



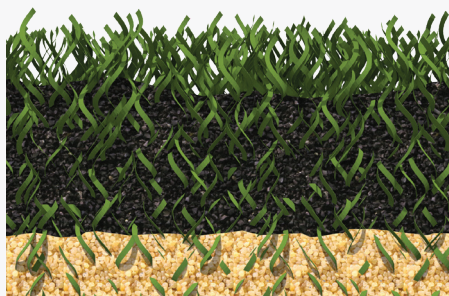
HELIX TECHNOLOGY

Matrix® Helix Turf is made from the highest quality raw materials. These spiral-shaped monofilament fibers have a natural look and feel and are tufted into a triple-layer backing to secure the fibers in place.

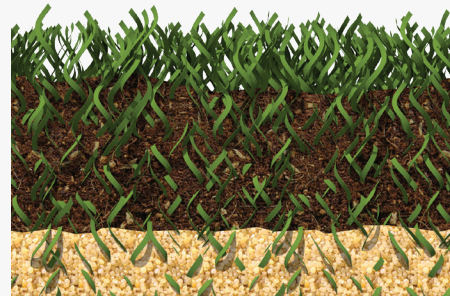


SHAPE MEMORY TECHNOLOGY (SMT)

SMT is the process used to make the helix shape of the fibers. During the manufacturing/extrusion process, each fiber is twisted, stretched and heat-set to retain shape and resiliency over the life of the field.



REALFILL™
 (U.S. Patent No. 6,800,339)



GEO COOLFILL™ | **UP TO 40° cooler**



APPEARANCE AND PLAYABILITY

The Helix Technology allows the Matrix Turf to spring up, versus laying flat, making it stable while still soft and playable. The twist of the fiber gives the surface a uniform, lush appearance.



MINIMIZE "SPLASH-OUT"

The spiral-shaped monofilament fibers help secure and prevent migration or splash-out of the infill, creating better control, more stable footing, and more consistent shock absorption.

Hellas offers a variety of infill options including **Realfill™** infill made of dust-free SBR granules, **Geo Coolfill®** infill made of organic cork and coconut fibers, and **Ecotherm™** infill made of TPU and cellulose fibers.

*Helix Technology is available for Matrix® Turf, Major Play and Fusion H XP2™

