

# *matrix* HELIX<sup>®</sup>

(U.S. Patent No. 10,760,225 B2)



## MATRIX HELIX TURF

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



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

Building healthier, more beautiful communities.



# matrix HELIX<sup>®</sup>

(U.S. Patent No. 10,760,225 B2)

**PILE WEIGHT** 40 – 50 oz./sq. yd.  
**PILE HEIGHT** 1.75" – 2.5" (+/- 1/8")  
**TURF FIBERS** 100% polyethylene, 8 twisted monofilament

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



**HELIX**  
SHAPE  
MEMORY  
TECHNOLOGY



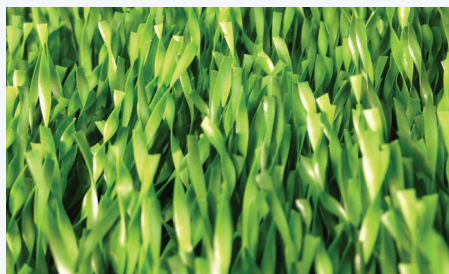
## HELIX TECHNOLOGY\*

Matrix Helix<sup>®</sup> 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 stable primary and coated backing to secure the fibers in place.



## APPEARANCE AND PLAYABILITY

The Helix Technology allows the fibers 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.



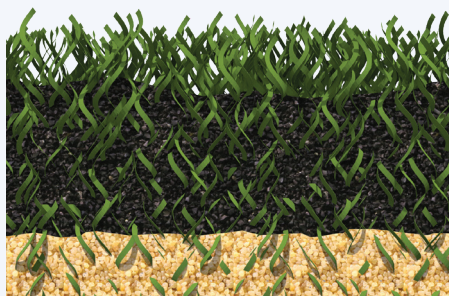
## SHAPE MEMORY TECHNOLOGY (SMT)

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.

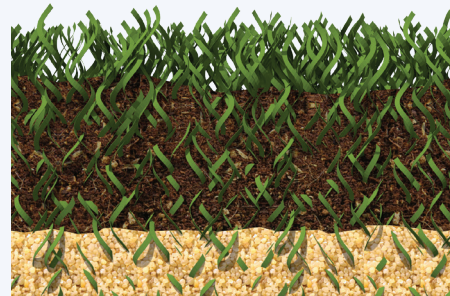


## MINIMIZE "SPLASH-OUT"

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.



**REALFILL**



**ecotherm**

TenCate offers a variety of infill options including **Realfill**<sup>®</sup> infill made of dust-free SBR granules and **Ecotherm**<sup>®</sup> infill made with cellulose fibers.

Unless expressly stated otherwise, the product referenced herein is not endorsed by or affiliated with the owners of the photographs of the installed fields.

