

GeoAnchor™ is an ecologically friendly nailer board used in the turf installation process to secure the synthetic turf in place. The GeoAnchor may be affixed by using a Tapcon screw to a concrete curb or concrete footer that surrounds the perimeter of the field and/or related areas. It may also be used as a stand alone perimeter anchor affixed directly to the ground.

Post-industrial recycled fibers sourced directly from Tencate's manufacturing plants comprise 40% of the GeoAnchor board. The remaining sixty percent is derived from post-consumer recycled plastics.

By diverting production waste materials into GeoAnchor, the turf manufacturing facilities are moving towards a zero waste process.

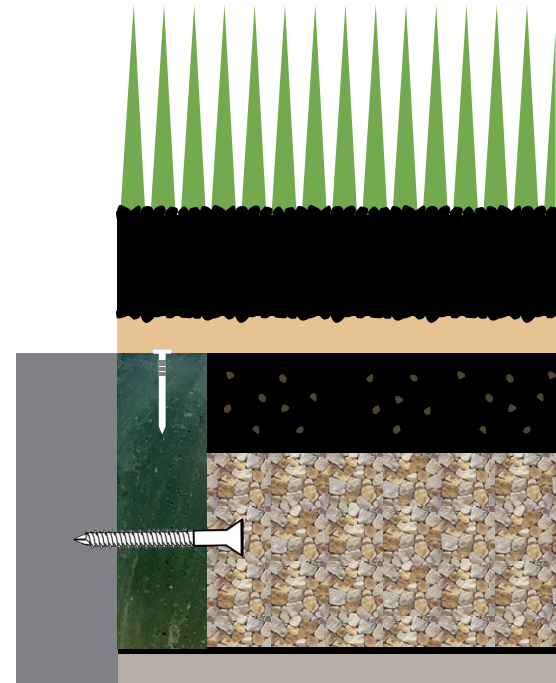
The use of resilient, recycled polymers and high quality resins ensures that GeoAnchor will not rot, mildew, decay, or warp, even under extreme freeze-thaw cycles and in wet climates.

THE 100% RECYCLED REPLACEMENT FOR WOODEN NAILER BOARDS!



Tencate uses waste materials from its turf extrusion and tufting manufacturing plants as one of the supply chains for raw materials in the GeoAnchor. It is made of 100% recycled plastic and provides superior stability versus traditional wood nailer board materials.

GeoAnchor carries a 25-year warranty!



BOARD SIZE	BOARD WEIGHT	LINEAR THERMAL EXPANSION	ULTIMATE LOAD	COMPRESSION STRENGTH (PERP TO GRAIN)
H 3.5" x W 1.5" x L 120"	17.6 lb	0.001" / ft / degree F	22,500 lb	1280 psi



RECYCLED CONTENT: 100% (40% post-industrial recycled turf fiber content, 60% post-consumer recycled plastic content)



GeoAnchor- Utility Grade - Recycled Plastic Lumber

GeoAnchor - Utility Grade	Units of Measure	Calculated Average Values
Bulk specific gravity	73.4 ° F	1
Bulk density	LBS/FT ³	62.41
Ultimate load	LBS	22,500
Comp strength (Prep to Grain)	PSI	1280
Stress at 3% strain	PSI	2280
Modulus of elasticity (MOE)	PSI	78,000+
Secant modulus	PSI	78,000+
Flexural strength (MOR)	PSI	1500+
Tangent modulus of elasticity	PSI	176,700
Secant modulus of elasticity	PSI	140,000
Chord modulus of elasticity	PSI	172,000
Screw withdrawal (Edge)	PSI	1600+
Screw withdrawal (End)	PSI	900+

COMPOSITION

40% Recycled Synthetic Turf Fiber
60% Recycled (post-consumer, post-industrial) polyethylene

COLORS

Varying shades of green or others due to mixed recycled turf fiber colors

DIMENSIONS

Nominal with +/- 0.125" deviation



A **TENCATE** COMPANY 

TURN KEY™ SPORTS SURFACING

GeoSurfaces is one of the few companies in the USA that offers in-house “turn key” sports lighting and sports surfacing. We are a licensed Professional Construction Firm, Electrical Firm, and Construction Manager that can offer complete construction and installation of World Athletics, FIFA, FIH and ITF Approved Surfaces.