

GEO TRAX[®] SB

Softball

INDUSTRY LEADING

GeoTrax SB is the industry's first softball specific synthetic surface that meets all criteria for NCAA and High School play.

It was developed and designed to mimic compacted clay to give the softball player a realistic bounce and hop. Originally the turf industry's response to the softball client was that they should accept and play on typical football turf or other high rubber designs. The design flaws in these systems took away intricate parts of the softball philosophy including slapping and it did not mimic the fast, slick ball movements seen on hard compacted clay surfaces.

Softball has unique characteristics when it comes to ball hop, height of ball bounce and the speed of secondary and tertiary hops. The GeoTrax SB surface was designed to align with these characteristics.



TYPICAL PROPERTIES

U.S.

TEST METHOD

Yarn Face Weight (oz per square yard)	Minimum 44 ounces	ASTM D5848
Yarn Thickness	XPS 120 Micron	ASTM D5848
Tufting Gauge	Maximum 1/4 inch	Empirical
Tuft Density (tufts per square inch)	19.5	Empirical
Wear Resistance	100,000 cycles (no loss of weight or length)	Stud Roller
Tuft Bind	8 pounds	ASTM D1335
Grab Tear Strength	250/250 (X & Y)	ASTM D5034
Primary Backing (two layer)	Tencate K29	Empirical
Secondary Backing	20 oz urethane	ASTM D5848
Total Weight (oz per square yard) In-fill Depth	72 ounce (without infill)	ASTM D5848
Relief (length of yarn above the infill)	.75 inch	Empirical
Infill material	.5 inch	Empirical
Permeability	sportsfield sand	Sieve Analysis
Flammability (PILL) Test	64.5 inches per hour	ASTM D4716
	Pass	ASTM D2859



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, FIH and ITF Approved Surfaces