

TENCATE GRASS

GEOGREEN® 'REPLICATED GRASS'

GeoGreen® is a dimensionally stable 'Replicated Grass' Tencate XPS yarn and consisting of K29 secondary backing. with a urethane coating heat activated to permanently lock fiber which is tufts in place. GeoGreen is tufted with a 100% Tencate polyethylene yarn utilizing a curvilinear yarn configuration. The yarn is tufted with a maximum gauge (stitch separation) and a maximum filament height of 2". GeoGreen is in-filled with resilient particles above a 1/4" ballast layer.

The system is enhanced with a dynamic shock pad and drainage blanket, GeoFlo® or GeoFlo®+, to maximize G-Max performance and to provide full area vertical-to-horizontal drainage while minimizing risks associated with aggregate base materials and sub-surface soils. This is accomplished changing ball-action or the natural feel-under-foot.



U.S. TYPICAL PROPERTIES **TEST METHOD**

Yarn Face Weight (oz per square yard)

Yarn Thickness **Tufting Gauge**

Wear Resistance **Tuft Bind**

Grab Tear Strength

Primary Backing

Secondary Backing

Total Weight (oz per square yard)

In-fill Depth

Relief (length of yarn above the infill)

Initial G-Max

Ultimate G-Max (highest attainable)

Infill material

Permeability Flammability (PILL) Test

Minimum 45 ounces 120 Micron

Maximum 1/2 inch 100,000cycles(nolossofweightorlength)

8 pounds

250/250 (X & Y)

Tencate K29 20 oz urethane

72 ounce (without infill)

1.5 inch

.5 inch

>135using GeoFlo Shock Pad >165 using GeoFlo Shock Pad

7-14 Ambient Ground SBR over sand ballast layer 64.5 inches per hour

Pass

ASTM D5848

ASTM D5848

Empirical Stud Roller

ASTM D1335

ASTM D5034

Empirical

ASTM D5848

ASTM D5848 Empirical

Empirical

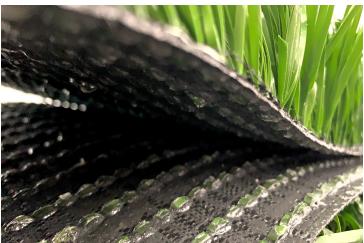
ASTM F355A **TSI 128**

Empirical

ASTM D4716 ASTM D2859









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