GEO GREEN®
PEN ARTIFICIAL TURF

TenCate Grass

GEOGREEN PEN® 'REPLICATED GRASS'™

GeoGreen PEN® is a dimensionally stable 'Replicated Grass' consisting of a multi-layer, Matrix primary backing, with a urethane secondary backing which is heat activated to permanently lock fiber tufts in place. GeoGreen PEN is tufted with a polyethylene face yarn and a texturized nylon thatch. The yarn is tufted with a 3/8" gauge (stitch separation) and a maximum filament height of 1 1/8".

TYPICAL PROPERTIES	U.S.	TEST METHOD
Yarn Face Weight (oz per square yard)	69 ounces	ASTM D5848
Yarn Thickness	200 Micron	ASTM D5848
Tufting Gauge	3/8 inch	Empirical
Pile Height	1 1/8"	Empirical
Tuft Bind	8 pounds	ASTM D1335
Grab Tear Strength	250/250 (X & Y)	ASTM D5034
Primary Backing (two layer)	Matrix 18 pic/non-woven	Empirical
Secondary Backing	20 oz urethane	Empirical
Total Weight (oz per square yard)	95 ounce (without infill)	ASTM D5848
In-fill Depth	NONE	
In-fill Material	NONE	
Permeability	64.5 inches per hour	ASTM D4716
Flammability (PILL) Test	Pass	ASTM D2859