SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS

SYNTIPEDE X43

PET PLATINUM / PLAY PLATINUM

Soft fibers with extreme durability make this the perfect selection for any residential or commercial applications with high foot-traffic areas including schools playgrounds, public parks, and multiple other uses.

SKU	SX43C / PTPLC / PLPLC
Grass Zone Yarn/Color	PE / Field Green/Apple
Grass Zone Denier	10,800/6
Thatch Zone Yarn/Color	PE / Field Green/Beige
Thatch Zone Denier	5,000/8
Grass Zone Yarn Shape	Biomimetic™ C+S
Finished Pile Height	1 1/2"
Finished Pile / Total Weight	100 oz. /128 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 1,000 inches p/hr
Features	Deluster, UV Stabilizers

POWERED BY

BIOMIMETIC TECHNOLOGY

HEATBLOCK TECHNOLOGY

ENVIROLOC+™ PLANT-BASED

LANDSCAPE PETS PLAY ROOF MULTI-USE GOLF

SYNLAWN® | TGL SoFi

Official Synthetic Surface

MADE IN U. S. A.

SPECIFICATIONS SUBJECT TO CHANGE 01.19.2025

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SYNTIPEDE X43

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FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
Nominal Specification	*Value*	*Units*	*Method*
Pile Height (Nominal)	1 1/2	inches	D-5823
Face Weight	100	oz/yd^2	D-5848
Total Fabric Weight	128	oz/yd^2	D-5848
Primary Backing Weight	6	oz/yd^2	D-5848
Secondary Coating Weight	22	oz/yd^2	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	15,800	Denier	D-1577
Elongation to Break	> 30	%	D-2256
Yarn Breaking Strength	> 20	lbs.	D-5793
Machine Gauge	3/8	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	> 1,000	in/hr	EN 12616
Fabric Width	15	ft	-

TESTING DATA

FIRE	ASTM D2859, ASTM E648
HEAVY METALS	EN-71, CAM17
EMISSIONS	CAL1350
DRAINAGE	EN 12616
OTHER	