SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS

SYNAUGUSTINE 847

A robust and highly durable artificial turf with a low pile height, tightly knit thatch, and realistic grass blades enhanced by Super Yarn™ Technology. Designed for heavy use, it is an ideal choice for homeowners, commercial facilities, and golfers seeking reliable, low-maintenance turf with a natural look and feel.

SKU	S847B
Grass Zone Yarn/Color	PE / Sport Green/Apple/Olive
Grass Zone Denier	9,900/9
Thatch Zone Yarn/Color	PE / Field Green/Beige
Thatch Zone Denier	5,000/8
Grass Zone Yarn Shape	Biomimetic™ U
Finished Pile Height	1 1/4"
Finished Pile / Total Weight	80 oz./108 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 1,000 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers, Biomimetic™

POWERED BY

BIOMIMETIC TECHNOLOGY

SUPER YARN™ TECHNOLOGY

- **SANITIZED®** ANTIMICROBIAL
- **DUALCHILL™** IR REFLECTIVE
- **STATBLOCK™** ANTI-STATIC

LANDSCAPE PETS PLAY GOLF MULTI-USE

SYNLAWN® | TGL SoFi

Official Synthetic Surface

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 67%

MADE IN U. S. A.

SYNLAWN®

Official Synthetic Surface

SYNAUGUSTINE 847

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
Nominal Specification	*Value*	*Units*	*Method*
Pile Height (Nominal)	1 1/4"	inches	D-5823
Face Weight	80	oz/yd^2	D-5848
Total Fabric Weight	108	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	14,900	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 E108, ASTM D2859, ASTM E648
HEAVY METALS	ASTM F2765, EN-71, RCRA 8 TCLP
EMISSIONS	CAL1350
DRAINAGE	EN 12616
OTHER	ASTM F1292, ASTM F1951