



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNAUGUSTINE 847

Pound-for-pound, the thickest, most dense artificial turf style available. With a low pile-height, close-knit thatch, and realistic grass blades packed with Super Yarn™ Technology. An ideal turf option for Pet owners, Commercial Pet facilities, and Golfers.

SKU	SA847
Grass Zone Yarn/Color	PE / Field Green / Olive / Apple
Grass Zone Denier	9,900 / 9
Thatch Zone Yarn/Color	PE / Field Green / Beige
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Soft Omega
Finished Pile Height	1 1/4"
Finished Pile Weight	80 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	108 oz.
Tuft Bind	> 8 lbs.
Permeability	> 1,000 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, SuperDrain+™, Deluster, UV Stabilizers
Test Data	USDA SYSTEM, ASTM D2859, EN71, F1292, F1551, F1951, F2765, RCRA 8 TCLP, CAL 1350



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



LIMITED LIFETIME WARRANTY*



OPTIMAL DRAINAGE >1,000" P/HR

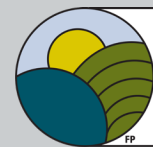


IDEAL FOR ALL APPLICATIONS



PLANT-BASED ENVIROLOC+ BACKING

ASK ABOUT OUR...
**USDA CERTIFIED
ORGANIC INFILL
SYSTEM**



**USDA
CERTIFIED
BIOBASED
PRODUCT**
PRODUCT 67%

SYNAugustine 847 is a USDA Certified Bio-Based artificial grass system in combination with organic infill, able to display a unique USDA label highlighting its percentage of biobased content.



LANDSCAPE



PETS



PLAY



ROOFTOP



GOLF



SYNLAWN®
a sportgroup company

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SPECIFICATIONS SUBJECT TO CHANGE

03.17.2024

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Soft Omega	Coating Type	22 oz. EnviroLoc+
Standard Color	Field Green / Olive / Apple	PE Yarn Denier / Ends	9,900 / 9
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,000 / 8
Second Yarn Polymer Thatch	Polyethylene	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green / Beige		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Nominal Specification	Value	Units
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	D-1551
Fabric Width	15	ft	-