



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNAugustine 847

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

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	15 / 18 PP 2-Part / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	108 oz.
Tuft Bind	> 8 lbs.
Permeability	> 500 inches per / SY
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	ASTM Certified F1292, F1951



Unmatched Lifetime Warranty



EnviroLoc+™ Plant-Based Backing



Deluster + UV Protection

SUPER YARN™ TECHNOLOGY

Sanitized®
Antimicrobial

DualChill™
IR Reflective

StatBlock™
Anti-Static



RECOMMENDED USES



LANDSCAPE



PETS



PLAY



ROOFTOP



GOLF



SYNLAWN®
a sportgroup company



For ordering and questions, contact SYNLawn at 866-796-5296 or visit SYNLawn.com

Primary Yarn Polymer	Polyethylene	Primary Backing	15/18 PP 2-Part
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	> 500	in/hr	D-1551
Fabric Width	15	ft	-