



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNAUGUSTINE 547

The USDA CERTIFIED BIO-PREFERRED designation makes this grass one-of-a-kind without compromising quality or aesthetics. Exclusive Super Yarn™ Technology with EnviroLoc+™ creates a soft, environmentally friendly grass variety as stunning as it is sustainable.

SKU	SA547
Grass Zone Yarn/Color	PE / Field Green / Olive / Apple
Grass Zone Denier	9,900 / 9
Thatch Zone Yarn/Color	PE Sugarcane / Field Green / Beige
Thatch Zone Denier	5,400 / 8
Grass Zone Yarn Shape	Soft Omega
Finished Pile Height	1 3/8"
Finished Pile Weight	50 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	78 oz.
Tuft Bind	> 8 lbs.
Permeability	> 800 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	USDA BIO, ASTM E108 CLASS A, D2859, E648, F1292, F1951, CAL 1350, PFA-FREE



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



UNMATCHED LIFETIME WARRANTY



OPTIMAL DRAINAGE > 800" P/HR



MADE WITH SOYBEANS + SUGARCANE



ASTM E108 CLASS A FIRE RATING

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



**USDA
CERTIFIED
BIOBASED
PRODUCT**
PRODUCT 70%

SYNAugustine 547 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



SYNLAWN®
a sportgroup company

SYNLAWN.COM • SYNLAWNGOLF.COM • (866) 796-5296



SPECIFICATIONS SUBJECT TO CHANGE

12/01/2022

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	5,400 / 8
Second Yarn Polymer Thatch	PE / Sugarcane	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green / Beige		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1 3/8	inches	D-5823
Face Weight	50	oz/yd ²	D-5848
Total Fabric Weight	78	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	15,300	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	>800	in/hr	D-1551
Fabric Width	15	ft	-