



SYNLAWN®

Plant-Based Artificial Grass

BIO Mimetic™

PRODUCT SPECIFICATIONS



SYNAUGUSTINE 547

SYNAugustine 547, a USDA Certified Bio-Based turf, combines Super Yarn™ Technology with renewable sugarcane for durability and eco-friendliness. With soft, vibrant multi-tone blades, it's a stunning, sustainable, and cost-effective landscaping solution.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC

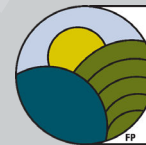


- LIMITED LIFETIME WARRANTY
- OPTIMAL DRAINAGE > 800" P/HR
- BIOMIMETIC™ TECHNOLOGY
- MADE WITH SOYBEANS + SUGARCANE

SKU	S547B
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 3/8"
Finished Pile / Total Weight	50 oz. / 78 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 800 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers, Biomimetic™
Test Data	EN 12616, CAL1350, ASTM D2859, ASTM D7138, ASTM E108, ASTM E648, ASTM F1015, ASTM F1292, ASTM F1551, ASTM F2765, EN-71, RCRA 8 TCLP

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

MULTI-USE



Official Synthetic Surface

SPECIFICATIONS SUBJECT TO CHANGE

01.19.2024



SYNAUGUSTINE 547



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Biomimetic™ U	Coating Type	22 oz. EnviroLoc+
Standard Color	Sport Green/Apple/Olive	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 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	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	>800	in/hr	EN 12616
Fabric Width	15	ft	-



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MasterSpec®

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