



SYNLAWN®

Plant-Based Artificial Grass

BIOMIMETIC™

PRODUCT SPECIFICATIONS



SYNAUGUSTINE 347

This ultra-soft turf with multi-colored blades and Super Yarn™ Technology offers durability, comfort, and antimicrobial protection, ideal for natural landscapes.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



- LIMITED LIFETIME WARRANTY
- OPTIMAL DRAINAGE >800" P/H
- BIOMIMETIC™ TECHNOLOGY
- SAFE FOR CHILDREN AND PETS

ASK ABOUT OUR...

USDA CERTIFIED ORGANIC INFILL SYSTEM

SYNAugustine 347 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.

SKU	S347B
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 7/8"
Finished Pile / Total Weight	75 oz. / 103 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuf 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 E84, ASTM F1292, ASTM F1551, ASTM F1951, ASTM F2765, EN-71, RCRA 8 TCLP

LANDSCAPE

PETS

PLAY

MULTI-USE



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

01.19.2025



SYNAUGUSTINE 347



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Biomimetic™ U
Standard Color	Sport Green/Apple/Olive
Fabric Construction	Tufted
Second Yarn Polymer Thatch	Polyethylene
Secondary Yarn Color	Field Green/Beige

Primary Backing	13PP/18PET 2pt
Coating Type	22 oz. EnviroLoc+
PE Yarn Denier / Ends	9,900/9
Texturized Thatch Denier / Ends	5,000/8
Warranty Period	Limited Lifetime

FINISH FABRIC		ENGLISH SYSTEM		ASTM TEST
Nominal Specification	Value	Units	Method	
Pile Height (Nominal)	1 7/8	inches	D-5823	
Face Weight	75	oz/yd ²	D-5848	
Total Fabric Weight	103	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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