



# SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



## ROOFDECK PLATINUM

Nylon fibers give this grass guaranteed resistance against melting from reflective light, along with an **ASTM CERTIFIED E108 CLASS A FIRE-RATING** for the highest level of safety and security. Ideal for rooftops, decks, and patios, indoors or out.

SKU	SR200_ROOF
Grass Zone Yarn/Color	Nylon / Field Green
Grass Zone Denier	8,400 / 16
Thatch Zone Yarn/Color	Nylon / Field Green
Thatch Zone Denier	4,200 / 8
Grass Zone Yarn Shape	Diamond Mono
Finished Pile Height	1 1/8"
Finished Pile Weight	60 oz.
Backing	18/18 pic PP 2-Part/22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	88 oz.
Tuft Bind	> 8 lbs.
Permeability	> 500 inches p/hr
Features	EnviroLoc+™, HeatBlock™, UV Stabilizers
Test Data	USDA SYSTEM, ASTM E108 CLASS A, D2859, E84, E648, F1292, F1951, IPEMA, PFA-FREE



### SUPER YARN™ TECHNOLOGY

**SANITIZED®**  
ANTIMICROBIAL

**DUALCHILL™**  
IR REFLECTIVE

**STATBLOCK™**  
ANTI-STATIC



UNMATCHED LIFETIME WARRANTY



UV PROTECTED FROM REFLECTING LIGHT



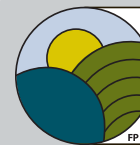
IDEAL FOR HIGH-TRAFFIC ROOFTOPS AND DECKS



ASTM E108 CLASS A FIRE RATING

ASK ABOUT OUR...

**USDA CERTIFIED ORGANIC INFILL SYSTEM**



**USDA CERTIFIED BIOBASED PRODUCT**  
PRODUCT 88%

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.



ROOFTOP



SYNLAWN®  
a sportgroup company

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SPECIFICATIONS SUBJECT TO CHANGE

02/07/2023



Primary Yarn Polymer	Nylon	Primary Backing	18/18 pic PP 2-Part
Yarn Cross Section	Diamond Mono	Coating Type	22 oz. EnviroLoc+
Standard Color	Field Green	PE Yarn Denier / Ends	8,400 / 16
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	4,200 / 8
Second Yarn Polymer Thatch	Nylon	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1 1/8	inches	D-5823
Face Weight	60	oz/yd <sup>2</sup>	D-5848
Total Fabric Weight	88	oz/yd <sup>2</sup>	D-5848
Primary Backing Weight	6	oz/yd <sup>2</sup>	D-5848
Secondary Coating Weight	22	oz/yd <sup>2</sup>	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	12,600	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	-

