



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNRYE 200

The perfect turf for multiple applications with unmatched safety and performance for high-traffic foot areas, including office buildings and schools. This product boasts ASTM CERTIFIED E108 CLASS A fire rating, HeatBlock technology and UV protection to reflect light and prevent melting.

SKU	SR200
Grass Zone Yarn/Color	Nylon / Field Green
Grass Zone Denier	5,400/9
Thatch Zone Yarn/Color	Nylon / Field Green
Thatch Zone Denier	5,400/9
Grass Zone Yarn Shape	Diamond Mono
Finished Pile Height	1 1/8"
Finished Pile / Total Weight	60 oz. / 88 oz.
Backing	18/18 pic PP 2pt /22oz. EnviroLoc+™
Tuft Gauge	3/8"
Total Weight	88 oz.
Tuft Bind	> 8 lbs.
Permeability	> 500 inches p/hr
Features	EnviroLoc+™, UV Stabilizers
Test Data	ASTM C518, ASTM D2859, ASTM D7138, ASTM E-108, ASTM E1908, ASTM E648, ASTM E84, EN-71, ASTM F1292, ASTM F1551, ASTM F1951, ASTM F2765



ASTM E108 CLASS A FIRE RATING



LIMITED LIFETIME WARRANTY



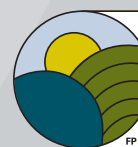
UV PROTECTED FROM REFLECTING LIGHT



FOR HIGH-TRAFFIC ROOFTOPS & PLAYGROUNDS

ASK ABOUT OUR...

**USDA CERTIFIED
ORGANIC INFILL
SYSTEM**



USDA
CERTIFIED
BIOBASED
PRODUCT
PRODUCT 88%

SYNRYe 200 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.



ROOF



LANDSCAPE



PLAY



GOLF



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

02.09.2025



SYNRYE 200



Official Synthetic Surface

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	5,400/9
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,400/9
Second Yarn Polymer Thatch	Nylon	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
Nominal Specification	Value	Units	Method
Pile Height (Nominal)	1 1/8	inches	D-5823
Face Weight	60	oz/yd ²	D-5848
Total Fabric Weight	88	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	10,800	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	-



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