



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNRye 200

Ideal for high foot traffic areas, this nylon selection is perfect for demanding projects, including playgrounds and rooftops. ASTM Certified E108 Class A Fire-Rated with HeatBlock™ and UV protection reflecting light, which can damage surfaces.

Grass Zone Yarn/Color	Nylon / Field Green / Olive
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	15 / 18 PP 2-Part / 20oz. EnviroLoc™
Tuft Gauge	3/8"
Total Weight	86 oz.
Tuft Bind	> 8 lbs.
Permeability	> 100 inches per / SY
Features	EnviroLoc™, HeatBlock™, UV Stabilizers
Test Data	ASTM E108 Class A Fire Rating, E648, F1292, F1951, IPEMA Certified



Unmatched Lifetime Warranty



EnviroLoc™ Plant-Based Backing



HeatBlock™ & UV Protection



Class A Fire Rating



Foot Traffic



Softness



RECOMMENDED USES



ROOFTOP



LANDSCAPE



PLAY



GOLF



SYNLAWN®

a sportgroup company

For ordering and questions, contact SYNLawn at 866-796-5296 or visit SYNLawn.com



Primary Yarn Polymer	Nylon	Primary Backing	15/18 PP 2-Part
Yarn Cross Section	Diamond Mono	Coating Type	20 oz. EnviroLoc™
Standard Color	Field Green / Olive	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
	Nominal Specification	Value	Units
Pile Height (Nominal)	1 1/8	inches	D-5823
Face Weight	60	oz/yd ²	D-5848
Total Fabric Weight	86	oz/yd ²	D-5848
Primary Backing Weight	6	oz/yd ²	D-5848
Secondary Coating Weight	20	oz/yd ²	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	512.19	in/hr	D-1551
Fabric Width	15	ft	-