



SYNLAWN®

Plant-Based Artificial Grass



SYN Augustine 547

USDA Certified Bio-based product using Super Yarn™ technology to create a soft, environmentally friendly artificial grass variety that is as stunning as it is economical.

Grass Zone Yarn/Color	PE / Field Green / Olive / Apple
Grass Zone Denier	9,900 / 9
Thatch Zone Yarn/Color	PE / Field Green / Beige
Thatch Zone Denier	5,040 / 12
Grass Zone Yarn Shape	Soft Omega
Finished Pile Height	1 3/4"
Finished Pile Weight	50 oz.
Backing	15 / 18 PP 2-Part / 20oz. EnviroLoc™
Tuft Gauge	3/8"
Total Weight	76 oz.
Tuft Bind	> 8 lbs.
Permeability	> 400 inches per / SY
Features	Sanitized®, EnviroLoc™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	USDA Certified BioBased Product, ASTM E108 Class A Fire Rating, ASTM F1292, F1951

- Unmatched Lifetime Warranty
- EnviroLoc™ Plant-Based Backing
- Deluster and UV Protection
- Class A Fire Rating

Foot Traffic

Softness

SUPER YARN™ TECHNOLOGY

Sanitized®
Antimicrobial

DualChill™
IR Reflective

StatBlock™
Anti-Static



RECOMMENDED USES

LANDSCAPE

PETS

PLAY

ROOFTOP



Primary Yarn Polymer	Polyethylene	Primary Backing	15/18 PP 2-Part
Yarn Cross Section	Soft Omega	Coating Type	20 oz. EnviroLoc™
Standard Color	Field Green / Olive / Apple	PE Yarn Denier / Ends	9,900 / 9
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,040 / 12
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 3/4	inches	D-5823
Face Weight	50	oz/yd ²	D-5848
Total Fabric Weight	76	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	14,940	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	447.81	in/hr	D-1551
Fabric Width	15	ft	-