



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNNATURAL 55

SYNNatural 55 delivers professional-quality artificial grass, perfect for enhancing residential and commercial spaces. Crafted with smooth, multi-directional fibers, it replicates the lush, natural feel of real grass while offering exceptional durability and low maintenance. This contractor-grade turf is a versatile and reliable solution for creating stunning, long-lasting landscapes.

SKU	SYN55
Grass Zone Yarn/Color	PE / Field Green / Olive
Grass Zone Denier	6,800 / 8
Thatch Zone Yarn/Color	PE / Field Green / Beige
Thatch Zone Denier	7,000 / 16
Grass Zone Yarn Shape	Wave Mono
Finished Pile Height	1 3/4"
Finished Pile / Total Weight	55 oz. / 82 oz.
Backing	PP Cloth + Mesh / 22oz. EnviroLoc+™
Tuft Gauge	5/8"
Tuft Bind	> 8 lbs.
Permeability	> 300 inches p/hr
Features	EnviroLoc+™, HeatBlock, Deluster, UV Stabilizers
Test Data	



LIMITED LIFETIME WARRANTY



PATENTED MULTI-DIRECTIONAL DESIGN



CONTRACTOR-GRADE MATERIAL



SAFE FOR CHILDREN AND PETS



MULTI-DIRECTIONAL



LANDSCAPE



PETS



PLAY



Official Synthetic Surface

SPECIFICATIONS SUBJECT TO CHANGE



02.10.2025



SYNNATURAL 55



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene
Primary Yarn Cross Section	Wave Mono
Primary Yarn Color	Field Green / Olive
Fabric Construction	Tufted
Semi-Texturized Yarn Polymer	Polyethylene
Semi-Texturized Yarn Color	Field Green / Lime
Thatch Yarn Polymer	Polyethelyne
Thatch Yarn Color	Field Green / Biege

Primary Backing	PP Cloth + Mesh
Coating Type	22 oz. EnviroLoc+
Primary Yarn Denier / Ends	6,800 / 8
Semi-Texturized Denier / Ends	4,800 / 6
Thatch Denier / Ends	7,000 / 16
Warranty Period	Limited Lifetime

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Value	Units	Method
<i>Nominal Specification</i>			
Pile Height (Nominal)	1 3/4	inches	D-5823
Face Weight	55	oz/yd ²	D-5848
Total Fabric Weight	82	oz/yd ²	D-5848
Primary Backing Weight	5	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	18,600	Denier	D-1577
Elongation to Break	> 30	%	D-2256
Yarn Breaking Strength	> 20	lbs.	D-5793
Machine Gauge	5/8	inches	D-5793
Flammability	-	-	-
Water Permeability	> 300	in/hr	D-1551
Fabric Width	15	ft	-



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