



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 Backing	PP Cloth + Mesh
Primary Yarn Cross Section	Wave Mono	Coating Type	22 oz. EnviroLoc+
Primary Yarn Color	Field Green / Olive	Primary Yarn Denier / Ends	6,800 / 8
Fabric Construction	Tufted	Semi-Texturized Denier / Ends	4,800 / 6
Semi-Texturized Yarn Polymer	Polyethylene	Thatch Denier / Ends	7,000 / 16
Semi-Texturized Yarn Color	Field Green / Lime	Warranty Period	Limited Lifetime
Thatch Yarn Polymer	Polyethelyne		
Thatch Yarn Color	Field Green / Biege		

FINISH FABRIC		ENGLISH SYSTEM		ASTM TEST
Nominal Specification	Value	Units	Method	
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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