



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 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
Semitexturized Yarn/Color	PE / Field Green / Lime
Semitexturized Yarn Denier	4,800 / 6
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 Weight	55 oz.
Backing	PP Cloth + Mesh / 22oz. EnviroLoc+™
Tuft Gauge	5/8"
Total Weight	82 oz.
Tuft Bind	> 8 lbs.
Permeability	> 600 inches p/hr

POWERED BY



MULTI-DIRECTIONAL
TECHNOLOGY



HEATBLOCK
TECHNOLOGY



ENVIROLOC+™
PLANT-BASED



LANDSCAPE



PETS



PLAY



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

01.07.2026



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	Passed	-	D-2859
Water Permeability	> 600	in/hr	EN-12616
Fabric Width	15	ft	-

TESTING DATA

FIRE	ASTM D2859, ASTM E648
HEAVY METALS	EN-71, CAM-17
EMISSIONS	CAL1350
DRAINAGE	EN 12616
OTHER	ASTM F1292