



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNNATURAL 60 GTR

SYNNatural 60 GTR represents the pinnacle of turf innovation. Its multi-directional technology blends straight and semi-texturized fibers for a realistic, natural appearance, enhanced by reduced sheen. Crafted with 70% renewable content, it is made of both plant-based and PCR materials. This turf delivers unparalleled authenticity, setting a new standard in landscape design.

SKU	GTR60
Grass Zone Yarn/Color	PE / Sport Green / Olive
Grass Zone Denier	7,200 / 8
Thatch Zone Yarn/Color	PE/PP Blend / Green / Tan
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Diamond Mono
Finished Pile Height	2"
Finished Pile / Total Weight	60 oz. / 89 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 300 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers
Test Data	



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



LIMITED LIFETIME WARRANTY



ENVIROLOC+™ BACKING SYSTEM



ULTRA-REALISTIC COLOR BLEND



PATENTED MULTI-DIRECTIONAL DESIGN

PCR
MATERIAL



MULTI-DIRECTIONAL



LANDSCAPE



PETS



PLAY



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

02.10.2025



SYNNATURAL 60 GTR



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Primary Yarn Cross Section	Diamond Mono	Coating Type	22 oz. EnviroLoc+
Primary Yarn Color	Sport Green / Olive	Primary Yarn Denier / Ends	7,200 / 8
Fabric Construction	Tufted	Semi-Texturized Denier / Ends	7,200 / 8
Semi-Texturized Yarn Polymer	Polyethylene	Thatch Yarn Denier / Ends	5,000 / 8
Semi-Texturized Yarn Color	Field Green / Lime	Warranty Period	Limited Lifetime
Thatch Yarn Polymer	PE / PP Blend		
Thatch Yarn Color	Green / Tan		

FINISH FABRIC		ENGLISH SYSTEM		ASTM TEST
Nominal Specification	Value	Units	Method	
Pile Height (Nominal)	2	inches		D-5823
Face Weight	60	oz/yd ²		D-5848
Total Fabric Weight	89	oz/yd ²		D-5848
Primary Backing Weight	6	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	19,400	Denier		D-1577
Elongation to Break	> 30	%		D-2256
Yarn Breaking Strength	> 20	lbs.		D-5793
Machine Gauge	3/8	inches		D-5793
Flammability	-	-		-
Water Permeability	> 300	in/hr		D-1551
Fabric Width	15	ft		-



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