



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNFESCUE 80

An ideal solution for residential lawns and low-traffic commercial landscapes, SYN Fescue 80's multi-colored grass blades offer a realistic look with minimal maintenance. Designed with HeatBlock technology, this turf stays cooler underfoot while delivering superior durability.

SKU	FES80
Grass Zone Yarn/Color	PE / Field Green / Apple
Grass Zone Denier	10,800 / 6
Thatch Zone Yarn/Color	PE / Beige / Brown
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	C / S
Finished Pile Height	1 3/4"
Finished Pile / Total Weight	80 oz. / 108 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 400 inches p/hr
Features	EnviroLoc+™, Deluster, UV Stabilizers
Test Data	ASTM F1292, ASTM F1951, ASTM D2859



LIMITED LIFETIME WARRANTY



OPTIMAL DRAINAGE > 400" P/HR



HEATBLOCK TECHNOLOGY



IDEAL FOR NATURAL LAWN AESTHETICS

INSTALLATION DETAILS AVAILABLE AT



CADdetails

MasterSpec®

NOT TO SCALE. FOR ILLUSTRATION ONLY.
CONTACT YOUR LOCAL SYNLAWN FOR INSTALLATION.



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

02.09.2025



SYNFESCUE 80



Official Synthetic Surface

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	C / S
Standard Color	Field Green / Apple
Fabric Construction	Tufted
Second Yarn Polymer Thatch	Polyethylene
Secondary Yarn Color	Beige / Brown

Primary Backing	13PP/18PET 2pt
Coating Type	22 oz. EnviroLoc+
PE Yarn Denier / Ends	10,800/6
Texturized Thatch Denier / Ends	5,000/8
Warranty Period	Limited Lifetime

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Nominal Specification	Value Units	Method
Pile Height (Nominal)	1 3/4	inches	D-5823
Face Weight	80	oz/yd ²	D-5848
Total Fabric Weight	108	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	15,800	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	> 400	in/hr	D-1551
Fabric Width	15	ft	-



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