



SYNLAWN®

Plant-Based Artificial Grass





PRODUCT SPECIFICATIONS



SYNBLUE 949

A knockout combination of soft multi-colored turf blades and resilient thatch combine to replicate the natural appearance of natural grass growth, making this variety of synthetic grass the undisputed champion of realism and performance.

SKU	SB949
Grass Zone Yarn/Color	PE / Field Green / Olive / Apple / Tan
Grass Zone Denier	9,900 / 9
Thatch Zone Yarn/Color	PE / Field Green / Beige
Thatch Zone Denier	5,000 / 8
Grass Zone Yarn Shape	Omega / Rhombus
Finished Pile Height	1 7/8"
Finished Pile Weight	90 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	1/2"
Total Weight	118 oz.
Tuft Bind	> 8 lbs.
Permeability	> 400 inches p/hr
Features	EnviroLoc™, HeatBlock™, Deluster, UV Stabilizers
Test Data	ASTM D2859, E648, F1292, F1951, PFA-FREE

-  UNMATCHED LIFETIME WARRANTY
-  OPTIMAL DRAINAGE >400" P/HR
-  USE IN ALL CLIMATES AND REGIONS
-  IDEAL FOR LAWN AND LANDSCAPE APPS

INSTALLATION DETAILS AVAILABLE AT



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



SYNLAWN®

a sportgroup company

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SPECIFICATIONS SUBJECT TO CHANGE

12/01/2022



Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Omega / Rhombus	Coating Type	22 oz. EnviroLoc™
Standard Color	Field / Olive / Apple / Tan	PE Yarn Denier / Ends	9,900 / 9
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	5,000 / 8
Second Yarn Polymer Thatch	Polyethylene	Warranty Period	Limited Lifetime
Secondary Yarn Color	Field Green / Beige		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1 7/8	inches	D-5823
Face Weight	90	oz/yd ²	D-5848
Total Fabric Weight	118	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	14,900	Denier	D-1577
Elongation to Break	> 30	%	D-2256
Yarn Breaking Strength	> 20	lbs.	D-5793
Machine Gauge	1/2	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	>400	in/hr	D-1551
Fabric Width	15	ft	-

