



SYNLAWN®

Plant-Based Artificial Grass

BIOMIMETIC™

PRODUCT SPECIFICATIONS



ROOFDECK PREMIUM

With an ASTM E-108 CLASS A FIRE RATING, this is the ideal turf for even the most demanding roof applications. Featuring the safety and benefits of Super Yarn™ Technology, this grass style will beautify any space while meeting the strictest safety code.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC

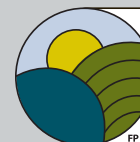


-  ASTM E108 CLASS A FIRE RATING
-  LIMITED LIFETIME WARRANTY
-  BIOMIMETIC™ TECHNOLOGY
-  SAFE FOR COMMERCIAL USE

SKU	RFPRB
Grass Zone Yarn/Color	PE / Sport Green / Apple / Olive
Grass Zone Denier	9,900/9
Thatch Zone Yarn/Color	PE / Field Green/Beige
Thatch Zone Denier	5,000/8
Grass Zone Yarn Shape	Biomimetic™ U
Finished Pile Height	1 5/8"
Finished Pile / Total Weight	100 oz./128 oz.
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 1,000 inches p/hr
Features	Sanitized®, EnviroLoc+™, StatBlock™ Anti-Static, DualChill™ IR Reflective, Deluster, UV Stabilizers, Biomimetic™
Test Data	EN 12616, ASTM C518, CAL1350, ASTM D2859, ASTM D7138, ASTM E108, ASTM E648, ASTM E903, ASTM F1292, ASTM F1951, ASTM D2765, EN71, RCRA 8 TCLP, BS EN 13746

ASK ABOUT OUR...

**USDA CERTIFIED
ORGANIC INFILL
SYSTEM**



**USDA
CERTIFIED
BIOBASED
PRODUCT**
PRODUCT 67%

Roofdeck Premium is a USDA Certified Bio-Based artificial grass system in combination with organic infill, able to display a unique USDA label highlighting its percentage of biobased content.



ROOF



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

02.09.2025



Primary Yarn Polymer	Polyethylene	Primary Backing	13 PP/18 PET 2pt
Yarn Cross Section	Biomimetic™ U	Coating Type	22 oz. EnviroLoc+
Standard Color	Sport Green/Apple/Olive	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 5/8	inches	D-5823
Face Weight	100	oz/yd ²	D-5848
Total Fabric Weight	128	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	3/8	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	> 1,000	in/hr	D-1551
Fabric Width	15	ft	-