



SYNBLUE 545

SYNBlue 545 offers a perfect blend of realism and durability, featuring soft, multi-colored turf fibers with a natural thatch for added depth and authenticity. With antimicrobial protection and superior drainage, this low-maintenance turf ensures lasting beauty and performance, making it an ideal choice for residential or commercial landscapes.

SKU	BL545
Grass Zone Yarn/Color	PE / Field Green/Olive/Tan
Grass Zone Denier	10,500/7
Thatch Zone Yarn/Color	PE / Field Green/Beige
Thatch Zone Denier	5,000/8
Grass Zone Yarn Shape	S+W+Diamond
Finished Pile Height	1 1/2"
Finished Pile / Total Weight	60 oz / 88 oz
Backing	13PP/18PET 2pt / 22oz. EnviroLoc+™
Tuft Gauge	3/8"
Tuft Bind	> 8 lbs.
Permeability	> 400 inches p/hr
Features	Sanitized®, EnviroLoc+™

POWERED BY



**PLANT BASED
TECHNOLOGY**



SANITIZED® ANTIMICROBIAL



HEATBLOCK TECHNOLOGY



LANDSCAPE



PETS



PLAY





SYNBLUE 545



Official Synthetic Surface

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
<i>Nominal Specification</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	1 1/2	inches	D-5823
Face Weight	60	oz/yd ²	D-5848
Total Fabric Weight	88	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	15,500	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	EN 12616
Fabric Width	15	ft	-

TESTING DATA

FIRE	ASTM D2859, ASTM E648
HEAVY METALS	EN-71, RCRA 8 TCLP
EMISSIONS	CAL1350
DRAINAGE	EN 12616
OTHER	ASTM F1292, ASTM F1951



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SPECIFICATIONS SUBJECT TO CHANGE

12.10.2025