



# SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



## SYNPLAY 48 (+PAD)

Fun, colorful turf with energy-absorbing cushion helps prevent common injuries with low-pile, low-friction grass blades — ideal for all indoor activity and agility zones.



### 7 COLORS IN-STOCK

BLACK | FL BLUE | GREEN | GRAY | RED | RED CLAY | WHITE  
ASK ABOUT CUSTOM COLORS

SKU	SYN48 (+PAD)
Grass Zone Yarn	Polyethylene
Grass Zone Denier	5,400 / 8
Thatch Zone Yarn/Color	-
Thatch Zone Denier	-
Grass Zone Yarn Shape	Textured Diamond
Finished Pile Height	3/4"
Finished Pile Weight	48 oz.
Backing	13PP/18PET 2pt + 5mm Cushion
Tuft Gauge	3/16"
Total Weight	129 oz.
Tuft Bind	> 8 lbs.
Permeability	-
Features	Multiple Colors Available Deluster, UV Stabilizers
Test Data	ASTM D2859, E648, F1292, F1951



LIMITED LIFETIME WARRANTY\*



5MM CUSHION ATTACHED



SAFE, SOFT, DURABLE SURFACE



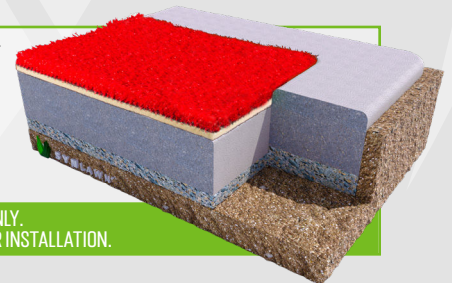
FOR DAYCARE, GYMS AND TRAINING FACILITIES

INSTALLATION DETAILS AVAILABLE AT



CADdetails

MasterSpec®



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



AGILITY



LOGOS



PLAY



# SYNLAWN®

a sportgroup company

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SPECIFICATIONS SUBJECT TO CHANGE

03.17.2024

**SYNLAWN**<sup>®</sup>The **Greenest** Turf on Earth™**SYNPLAY 48 (+PAD)**

Primary Yarn Polymer	Polyethylene	Primary Backing	13PP/18PET 2pt
Yarn Cross Section	Textured Diamond	Cushion	5mm
Standard Color	7 Colors In Stock	PE Yarn Denier / Ends	5,400 / 8
Fabric Construction	Tufted	Texturized Thatch Denier / Ends	-
Second Yarn Polymer Thatch	-	Warranty Period	Limited Lifetime
Secondary Yarn Color	-		

FINISH FABRIC	ENGLISH SYSTEM		ASTM TEST
	Nominal Specification	Value	Units
Pile Height (Nominal)	3/4	inches	D-5823
Face Weight	48	oz/yd <sup>2</sup>	D-5848
Total Fabric Weight	114	oz/yd <sup>2</sup>	D-5848
Primary Backing Weight	6	oz/yd <sup>2</sup>	D-5848
Cushion Weight	60	oz/yd <sup>2</sup>	D-5848
Tuft Bind	> 8	lbs.	D-1335
Grab Tear Strength (Average)	> 200	lbs.	D-5034
Total Yarn Linear Density	5,400	Denier	D-1577
Elongation to Break	> 60	%	D-2256
Yarn Breaking Strength	> 19	lbs.	D-5793
Machine Gauge	3/16	inches	D-5793
Flammability	Passed	-	D-2859
Water Permeability	-	in/hr	D-1551
Fabric Width	15	ft	-

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