



SYNLAWN®

Plant-Based Artificial Grass

PRODUCT SPECIFICATIONS



SYNPLAY 48 (+PAD)

This vibrant, colorful turf with a low-pile, low-friction surface is perfect for indoor activity and agility zones. Designed for durability and easy maintenance, it provides a consistent, high-performance surface for a variety of applications.



7 COLORS IN-STOCK

BLACK | FL BLUE | GREEN | GREY | RED | RED CLAY | WHITE
ASK ABOUT CUSTOM COLORS & DESIGNS

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 / Total Weight	48 oz. / 120 oz.
Backing	13PP/18PET 2pt / 5mm Cushion
Tuft Gauge	3/16"
Tuft Bind	> 8 lbs.
Permeability	-
Features	Deluster, UV Stabilizers
Test Data	ASTM D2859, ASTM E648, ASTM F1951



LIMITED LIFETIME WARRANTY



5MM CUSHION ATTACHED



SAFE, SOFT, DURABLE SURFACE



FOR DAYCARE, GYMS AND TRAINING FACILITIES

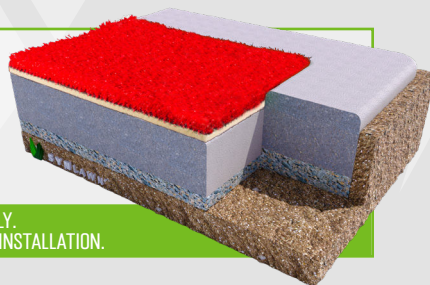
INSTALLATION DETAILS AVAILABLE AT



CADdetails

MasterSpec®

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



AGILITY



LOGOS



PLAY



Official Synthetic Surface



SPECIFICATIONS SUBJECT TO CHANGE

02.09.2025



SYNPLAY 48 (+PAD)



Official Synthetic Surface

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	Method
Pile Height (Nominal)	3/4	inches	D-5823
Face Weight	48	oz/yd ²	D-5848
Total Fabric Weight	120	oz/yd ²	D-5848
Primary Backing Weight	6	oz/yd ²	D-5848
Cushion Weight	60	oz/yd ²	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	-	-	-
Fabric Width	15	ft	-



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