



SYNPLAY 11

Designed with children and athletes in mind, the SYNPlay series offers safe artificial grass that combines durability and aesthetics. Featuring non-abrasive, low-pile grass blades and a padded rubber backing, this turf style is ideal for medium to heavy use. Its densely tufted structure excels in impact energy absorption, ensuring a safe playing environment for kids and can help reduce common injuries. Perfectly suited for gymnasiums, training facilities, and children's play areas, this versatile turf adds a splash of color and fun to any setting. Available in 7 standard colors with custom colors also available.



IN STOCK + CUSTOM COLORS



LOW PILE-HEIGHT



ENERGY ABSORBING CUSHION



PLANT-BASED TECHNOLOGY



CONTACT YOUR LOCAL
SYNLAWN DEALER FOR
INSTALLATION DETAILS.

NOT TO SCALE, FOR ILLUSTRATION PURPOSES ONLY.



SPECIFICATIONS	VALUE	METHOD
Finished Pile Height	11 mm ± 10%	ISO 8543
Manufacturing Process	Tufted Cut Pile	
Quality	Free of Heavy Metals and Toxins	DIN18035-7
Roll Width x Length	4 m x ca. 25 m ± 1%	
Yarn Material	100% PE monofilament with PP thatch	
Grass Zone: Colors	Multiple color options	
Grass Zone: Denier	8.000 Dtex / 8 Ply	
Thatch Zone: Colors	-	
Thatch Zone: Denier	-	
Overall Denier	8.000 Dtex / 8 Ply	
Grass Zone: Shape	Rectangular	
Finished Pile Weight	1.200 g/m ² ± 10%	ISO 8543
Backing	PP Backing Fabric, 100% PP UV Stabilized, ± 300 g/m ² ± 10%	
Backing Weight	± 725 g/m ² ± 10%	
Stitch Rate per Meter	240 ± 10%	ISO 8543
Stitch Rate per m ²	50.400 ± 10%	ISO 8543
Tuft Gauge per m ²	806.000 ± 10%	ISO 8543
Turf Machine Gauge	3/16"	
Total Weight	2.225 g/m ² ± 10%	ISO 8543
Tuft Bind / Tensile Strength	15 N/mm / ≥ 25N (after water aging)	EN 4919
Testing	REACH Annex XVII Entry 50, EN 71-3 Table 2 Category 3	
Permeability	> 1.6.00 - 1.800 L/h/m ²	EN 12616
Dimensional Stability	≥ 1%	EN 13746
Installation Method	Loosely laid on bound or unbound substrate	
Infill	Quartz sand, grain size 0.5 - 1.0 mm	
Sand Type/Recommendation	min. 80% rounded grain size /min. 8 kg per m ² for stabilization	
Warranty	15 Years*	

*The binding warranty conditions result exclusively from the current Warranty Terms and Conditions.