



SYNPLAY 24

Engineered for durability and performance, this grass variety is the top choice for play areas and agility training applications. Designed with the rigors of kids playtime and athletes in mind, this low-pile, low-friction turf features an energy-absorbing cushion that can reduce the risk of common injuries. Its non-abrasive surface is constructed from tufted nylon, extending the enjoyment of activities while reducing friction. Additionally, UV-stabilized, color-fast yarns resist fading from sun exposure while meeting industry standards for children's toys (DIN EN 71-3) making it an ideal choice for areas demanding both safety and aesthetics.



IDEAL FOR SPORTS & PLAY



CUSTOM COLORS & DESIGNS



ENGINEERED FOR SAFETY & STRENGTH



PLANT-BASED TECHNOLOGY



CONTACT YOUR LOCAL
SYNLAWN DEALER FOR
INSTALLATION DETAILS.



NOT TO SCALE, FOR ILLUSTRATION PURPOSES ONLY.



SPECIFICATIONS	VALUE	METHOD
Finished Pile Height	24 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	
Grass Zone: Colors	2 Colors (selectable)	
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	1.660 g/m ²	± 10% ISO 8543
Backing	PP Backing Fabric, 100% PP UV Stabilized, ± 180 g/m ²	± 10%
Backing Weight	± 725 g/m ²	± 10%
Stitch Rate per Meter	170	± 10% ISO 8543
Stitch Rate per m ²	17.900	± 10% ISO 8543
Tuft Gauge per m ²	286.000	± 10% ISO 8543
Turf Machine Gauge	3/8"	
Total Weight	2.565 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	> 1.600 - 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.