



SYNNATURAL 45

Transform any space with this premium artificial landscape grass, designed for both residential and commercial applications. Crafted with a blend of smooth and crimped fibers in rich and vibrant green shades, this synthetic turf mimics the natural look and feel of real grass. Its unique patented non-directional construction and soft texture offer superior comfort, making it a top choice for any setting. Durable and easy to clean, this artificial landscape grass is ideal for all climates and regions.



ALL NATURAL APPEARANCE



MULTI-DIRECTIONAL GRASS BLADES



ORGANIC SHAPE AND COLOR BLEND



PLANT-BASED TECHNOLOGY

CONTACT YOUR LOCAL
SYNLAWN DEALER FOR
INSTALLATION DETAILS.



NOT TO SCALE, FOR ILLUSTRATION PURPOSES ONLY.



LANDSCAPE

SPECIFICATIONS	VALUE		METHOD
Finished Pile Height	45 mm	± 10%	ISO 8543
Manufacturing Process	Tufted Cut Pile		
Quality	Free of Heavy Metals and Toxins		DIN18035-7
Roll Width x Length	2 m, 4 m x ca. 25 m	± 1%	
Yarn Material	100% PE monofilament with PP thatch		
Grass Zone: Colors	4 Shades of Green		
Grass Zone: Denier	13.400 Dtex / 14 Ply		
Thatch Zone: Colors	Field Green, Beige		
Thatch Zone: Denier	6.600 Dtex / 12 Ply		
Overall Denier	20.000 Dtex / 26 Ply		
Grass Zone: Shape	Wave + W-Shape + Ellipsoid-Shape		
Finished Pile Weight	1.712 g/m ²	± 10%	ISO 8543
Backing	PP Backing Fabric + Spunbond Fleece 100% PP, UV Stabilized, ± 200 g/m ²	± 10%	
Backing Weight	± 725 g/m ²	± 10%	
Stitch Rate per Meter	130	± 10%	ISO 8543
Stitch Rate per m²	8.190	± 10%	ISO 8543
Tuft Gauge per m²	425.900	± 10%	ISO 8543
Turf Machine Gauge	5/8"		
Total Weight	2.637 g/m ²	± 10%	ISO 8543
Tuft Bind / Tensile Strength	25 N/mm / ≥ 25N (after water aging)		EN 4919
Testing	REACH Annex XVII Entry 50, EN 71-3 Table 2 Category 3		
Permeability	> 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. 5 kg per m ² for stabilization		
Warranty	15 Years*		

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