



## SYNNATURAL 50

Elevate any living space with this premium artificial landscape grass variety, ideal for residential and commercial applications. Engineered with patented non-directional construction, this synthetic turf offers a lush, full lawn that's not only visually striking but also soft-to-the-touch. Its natural tan color adds a layer of authentic realism, making it versatile for all settings, from playful yards for kids and pets to elegant ornamental gardens in any climate. Engineered for both aesthetic appeal and long-lasting durability, this artificial landscape grass is the top choice for those who value performance without sacrificing visual beauty.



PATENTED NON-DIRECTIONAL DESIGN



NATURAL APPEARANCE



SUPERIOR SOFTNESS



PLANT-BASED TECHNOLOGY

CONTACT YOUR LOCAL  
SYNLAWN DEALER FOR  
INSTALLATION DETAILS.



NOT TO SCALE, FOR ILLUSTRATION PURPOSES ONLY.



LANDSCAPE



SPECIFICATIONS	WERT		METHODE
<b>Finished Pile Height</b>	50 mm	± 10%	ISO 8543
<b>Manufacturing Process</b>	Tufted Cut Pile		
<b>Quality</b>	Free of Heavy Metals and Toxins		DIN18035-7
<b>Roll Width x Length</b>	2 m, 4 m x ca. 25 m	± 1%	
<b>Yarn Material</b>	100% PE monofilament with PP thatch		
<b>Grass Zone: Colors</b>	2 Shades of Green		
<b>Grass Zone: Denier</b>	8.700 Dtex / 12 Ply		
<b>Thatch Zone: Colors</b>	Dark Green, Beige		
<b>Thatch Zone: Denier</b>	3.300 Dtex / 8 Ply		
<b>Overall Denier</b>	12.000 Dtex / 20 Ply		
<b>Grass Zone: Shape</b>	Spine-Shape + Ellipsoid-Shape		
<b>Finished Pile Weight</b>	1.638 g/m <sup>2</sup>	± 10%	ISO 8543
<b>Backing</b>	100% PP, UV stabilisiert, ± 200 g/m <sup>2</sup>	± 10%	
<b>Backing Weight</b>	± 725 g/m <sup>2</sup>	± 10%	
<b>Stitch Rate per Meter</b>	110	± 10%	ISO 8543
<b>Stitch Rate per m<sup>2</sup></b>	11.550	± 10%	ISO 8543
<b>Tuft Gauge per m<sup>2</sup></b>	462.000	± 10%	ISO 8543
<b>Turf Machine Gauge</b>	3/8"		
<b>Total Weight</b>	2.563 g/m <sup>2</sup>	± 10%	ISO 8543
<b>Tuft Bind / Tensile Strength</b>	40 N/mm / ≥ 25N (nach Wasseralterung)		EN 4919
<b>Testing</b>	REACH Anhang XVII Eintrag 50, EN 71-3 Tabelle 2 Kategorie 3		
<b>Permeability</b>	> 1.600 - 1.800 L/h/m <sup>2</sup>		EN 12616
<b>Dimensional Stability</b>	≥ 1%		EN 13746
<b>Installation Method</b>	Loosely laid on bound or unbound substrate		
<b>Infill</b>	Quartz sand, grain size 0.5 - 1.0 mm		
<b>Sand Type/Recommendation</b>	min. 80% rounded grain size /min. 5 kg per m <sup>2</sup> for stabilization		
<b>Warranty</b>	15 Years*		

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