



SYNNATURAL 50 GTR

Beautify any living space with this unique artificial turf variety, which is ideal for private and commercial applications. As an absolute world first, this turf has already made it onto the Fan Mile in Berlin, Germany, where it withstood the stress test of thousands of fans and soccer enthusiasts. The appearance is also impressive and beautiful. In summary, this product combines unique technology with robust durability - our SYN Natural 50 GTR is a true all-rounder and has already been tested by thousands of people.



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.



SPECIFICATIONS	WERT	METHODE
Finished Pile Height	50 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 bio-based with PP rootzone	
Grass Zone: Colors	5 green colors	
Grass Zone: Denier	13.800 / 12 Ply	
Thatch Zone: Colors	Dark Green, Beige	
Thatch Zone: Denier	5.000 Dtex / 8 Ply	
Overall Denier	18.800 Dtex / 20 Ply	
Finished Pile Weight	2.065 g/m ² ± 10%	ISO 8543
Backing	100% PP, UV Stabilized, ± 200 g/m ² ± 10%	
Backing Weight	± 650 g/m ² ± 10%	
Stitch Rate per Meter	150 ± 10%	ISO 8543
Stitch Rate per m ²	15.750 ± 10%	ISO 8543
Tuft Gauge per m ²	630.000 ± 10%	ISO 8543
Turf Machine Gauge	3/8"	
Total Weight	2.995 g/m ² ± 10%	ISO 8543
Tuft Bind / Tensile Strength	60 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. 5 kg per m ² for stabilization	
Warranty	15 Years*	

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