



SYNAUGUSTINE 547R

Setting the gold standard in artificial grass, this eco-friendly turf style is built with exclusive Super Yarn™ and EnviroLoc+™ Backing technologies to create comfort, durability, and natural beauty with a low carbon footprint. Boasting multi-colored grass blades and a dense thatch, this high-performance landscape grass is a top choice for realism and performance with visually striking aesthetics, soft feel, and unmatched durability.



SUPER YARN™ TECHNOLOGY

SANITIZED®
ANTIMICROBIAL

DUALCHILL™
IR REFLECTIVE

STATBLOCK™
ANTI-STATIC



SAFE FOR CHILDREN & PETS



'PCR' RECYCLED FIBERS



OPTIMAL DRAINAGE



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	35 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	3 Shades of Green	
Grass Zone: Denier	11.000 Dtex / 9 Ply	
Thatch Zone: Colors	Field Green, Beige	
Thatch Zone: Denier	5.000 Dtex / 8 Ply	
Overall Denier	16.000 Dtex / 17 Ply	
Grass Zone: Shape	C-Shape + D-Shape + Ellipsoid-Shape	
Finished Pile Weight	1.450 g/m ²	± 10% ISO 8543
Backing	PP Backing Fabric + Spunbond Fleece 100% PP, UV Stabilized, ± 180 g/m ²	± 10%
Backing Weight	± 725 g/m ²	± 10%
Stitch Rate per Meter	100	± 10% ISO 8543
Stitch Rate per m²	10.500	± 10% ISO 8543
Tuft Gauge per m²	357.000	± 10% ISO 8543
Turf Machine Gauge	3/8"	
Total Weight	2.355 g/m ²	± 10% ISO 8543
Tuft Bind / Tensile Strength	40 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.