



HydroTurf® Z

Product Data	Test Method	Values								
Yarn	ASTM D1577	Polyethylene Monofilament								
Tufted Pile Height	ASTM D5823	2.25 ± 0.25 Inches								
Pile Weight	ASTM D5848	34 ± 2 oz./yd ²								
CBR Puncture	ASTM D6241	800 lb. (MARV)								
Tensile Product (MD/XD)	ASTM D4595	1,000 lb./ft. min. (MARV)								
Yarn Tensile	ASTM D2256	25 lb. min.								
Weight of Extruded Polyethylene Coating	ASTM D5848	16 ± 2 oz./yd ²								
Total Weight	ASTM D5848	56.5 ± 4.0 oz./yd ²								
Aerodynamic Evaluation	GTRI Wind Tunnel	120 mph								
Engineered Turf Fiber UV Stability	ASTM G147/G7	>60% retained tensile strength at 100 yrs. (projected)								
Steady State Hydraulic Overtopping	ASTM D7277/D7276	25 ft/s velocity								
Manning's n Value	ASTM D7277/D7276	0.018-0.025								
Internal Friction (Low Confining Stress Against Concrete Sand)	ASTM D5321	28°, min. (peak)								
HydroBinder® Infill Mix	ASTM C387/ASTM C109	3/4 inch Thick Infill 5000psi (min. at 28 days)								
SUPPLY INFORMATION (Standard Roll Dimensions)										
	Thickness		Width		Length		Area (approx.)		Weight (avg.)	
	mil	mm	ft.	m	ft.	m	ft ²	m ²	lbs	kg
Engineered Turf	N/A	N/A	12	3.6	300	91.4	3600	335	~1400	~635

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