



HydroTurf® Z

Product Data	Test Method	Turf Type I		Turf Type II							
Yarn	ASTM D1577	Polyethylene Monofilament		Polyethylene Monofilament							
Tufted Pile Height	ASTM D5823	1.25 ± 0.25 Inches		2.25 ± 0.25 Inches							
Pile Weight	ASTM D5848	18.5 ± 2.0 oz./yd ²		34 ± 2 oz./yd ²							
CBR Puncture	ASTM D6241	700 lb. (MARV)		700 lb. (MARV)							
Tensile Product (MD/XD)	ASTM D4595	1,000 lb./ft. min. (MARV)		1,000 lb./ft. min. (MARV)							
Yarn Tensile	ASTM D2256	15 lb. min.		15 lb. min.							
Weight of Extruded Polyethylene Coating and PE Film	ASTM D5848	18.4 ± 2 oz./yd ²		18.4 ± 2 oz./yd ²							
Total Weight	ASTM D5848	43 ± 4.0 oz./yd ²		58.9 ± 4.0 oz./yd ²							
Aerodynamic Evaluation	GTRI Wind Tunnel	120 mph		120 mph							
Engineered Turf Fiber UV Stability	ASTM G147/G7	>60% retained tensile strength at 100 yrs. (projected)		>60% retained tensile strength at 100 yrs. (projected)							
Steady State Hydraulic Overtopping	ASTM D7277/D7276	25 ft/s velocity		25 ft/s velocity							
Manning's n Value	ASTM D7277/D7276	0.017-0.020		0.018-0.025							
Internal Friction (Low Confining Stress Against Concrete Sand)	ASTM D5321	22°, min. (peak)		22°, min. (peak)							
HydroBinder® Infill Mix	ASTM C387/ASTM C109	3/4 inch Thick Infill 5000psi (min. at 28 days)		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 Type I		N/A	N/A	12	3.6	~300	~91.4	~3600	~335	~840	~381
Engineered Turf Type II		N/A	N/A	12	3.6	~300	~91.4	~3600	~335	~1400	~635

* Roll lengths may vary by ± 3%.

ClosureTurf®, HydroTurf®, VersaCap® and HydroBinder® products are U.S. registered trademarks that designate products by Watershed Geosynthetics, LLC. These products are the subjects of issued U.S. and foreign patents and/or pending U.S. and foreign patent applications.