

Matrix Real Synthetic Turf System
Sample Specifications

	<u>Standard</u>	<u>Property</u>	<u>Specification</u>
1	ASTM D418/D5848	Pile Weight	44 oz. /Sq. Yd.
2	ASTM D5848	Primary and Secondary Backing Weight	7.9 oz. /Sq. Yd.
3	ASTM D5848	Secondary Coating Weight	22 oz. /Sq. Yd.
4	ASTM D5848	Total Weight	73.9 oz. /Sq. Yd.
5	ASTM D1907	Yarn Denier	15,750
6	ASTM D418/D5848	Pile Height	2 ¼"
7	ASTM D5793	Tufting Gauge	½"
8	ASTM D5848	Primary Backing	Tri-layer Woven Polypropylene
9	ASTM D5848	Secondary Coating	Polyurethane
10	ASTM D1335	Tuft Bind without Infill	10 lbs. +/-
11	ASTM D1682/D5034	Grab Tear (width)	275-287.4 lbs. Force
12	ASTM D1682/D5034	Grab Tear (length)	300-340.9 lbs. Force
13	ASTM D4991	Carpet Permeability	>30 inches/hour
14	ASTM D2859	Flammability (Pill Burn)	Pass
15	ASTM F355	G-max (Impact Attenuation)	<130 at installation <190 over warranty life
16	ASTM E-11	REALFILL™ Infill	5 - 6 lbs +/- per square foot
17		Fabric Width	15'
18		Perforation	3/16" Holes 4" X 4"
19		Yarn Shape (3 Polyethylene)	Size Color
		Eclipse (large curve w/ spines)	270 microns Lime
		Arc (small curve w/ spines)	255 microns Field
		Diamond	266 microns Clover

All Characteristics listed above nominal +/- 5%

This document is for illustrative purposes and may change without notice. Purchaser should verify that a representative specification of the system to be installed has been received prior to the establishment of a project or contract.

Real turf incorporates life like individual blades of grass, tufted into the strongest and most dimensionally stable backing system available with a polyurethane pre-coat for the ultimate in tuft-bind.

Real is filled with a pea gravel (3 lbs) and cuboidal rubber infill (3 lbs) - REALFILL™.

Infill will be a minimum of 75% of synthetic turf pile height.

Real is environmentally compatible and free of lead, cadmium, mercury, chromium (VI) and diarylid.

Real is a fully UV stabilized system ideal for outdoor use.



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