

matrix TURF

matrix® 42-46 oz. Synthetic Turf System Sample Specifications

	<u>Standard</u>	<u>Property</u>	<u>Specification</u>
1	ASTM D418/D5848	Pile Weight	42 - 46 oz. /Sq. Yd.
2	ASTM D5848	Primary and Secondary Backing Weight	7.7 oz. /Sq. Yd.
3	ASTM D5848	Secondary Coating Weight	20 - 22 oz. /Sq. Yd.
4	ASTM D5848	Total Weight	69.9 - 75.9 oz. /Sq. Yd.
5	ASTM D1907	Yarn Denier	12,400
6	ASTM D418/D5848	Pile Height	Finished 2 ¼" - 2 ½"
7	ASTM D5793	Tufting Gauge	1/2"
8	ASTM D5848	Primary Backing	D12 or 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)	250.1 - 273.1 lbs. Force
12	ASTM D1682/D5034	Grab Tear (length)	197.6 - 236.1 lbs. Force
13	ASTM D4991	Carpet Permeability	>40 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	250 microns & 150 microns

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.

Matrix® 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.

Matrix is filled with a pea gravel (2-3 lbs) and cuboidal rubber infill (2.5-3.0 lbs) - Realfill™.

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

The monofilament fibers curl down to cover and trap the rubber granules preventing the system from expelling the infill upon impact.

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



Hellas Construction, Inc.
12710 Research Blvd. Ste. 240
Austin, Texas 78759
T 512.250.2910
F 512.250.1960
www.hellasconstruction.com



Two Monofilament (spinneret)
Oval Shaped Fiber