

FUSION[®]

FUSION™ 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	7.9 oz. /Sq. Yd.
3	ASTM D5848	Secondary Coating Weight	26 oz. /Sq. Yd.
4	ASTM D5848	Total Weight	75.9 – 79.9 oz. /Sq. Yd.
5	ASTM D1907	Yarn Denier (Mono/Slit-Film)	11,000/8,000
6	ASTM D418/D5848	Pile Height	Finished 2 1/4" (+-1/8")
7	ASTM D5793	Tufting Gauge	1/2"
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	>40 inches/hour
14	ASTM D2859	Flammability (Pill Burn)	Pass
15	ASTM F355	G-max (Impact Attenuation)	<130 at installation <190 over
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 (Mono/Slit-Film)	250 microns & 150 microns/100 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.

Fusion™ 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.

Fusion is filled with a pea gravel (2-3 lbs) and cuboidal rubber (2.5-3.5 lbs) infill – REALFILL™.

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

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

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



HELLAS CONSTRUCTION, INC.

12710 Research Boulevard Suite 240

Austin, Texas 78759

T: 512.250.2910

F: 512.250.2910

WWW.HELLASCONSTRUCTION.COM

