

PowerHouse 40 Z



SPORTTURF™



ArmorLoc™ 3L



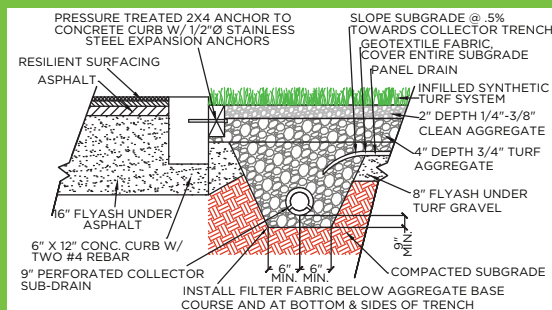
Polyethylene Slit Film

PROPERTY

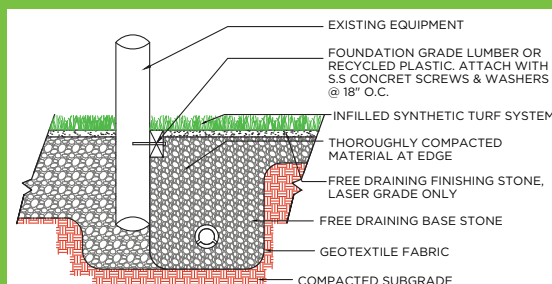
DESCRIPTION

Primary Yarn Polymer	Polyethylene
Yarn Cross Section	Polyethylene Slit Film
Standard Color	Field; Field/Lime
Additional Colors Available*	White, Yellow, Red, Florida Blue, Black, Orange, Terra Cotta
UV Stabilized	Yes
Fabric Construction	Tufted
Primary Backing	Dual layered woven polypropylene
Coating Type	SilverBack™ Polyurethane
Perforations	Yes
Polyethylene Yarn Denier/Ends	8000/1 (Slit) 5000/1 (Slit)
Recommended Infill	Preferred Infill
Pile Height	2"
Pile Weight	40 oz.

FL452Z-40



CURB



EQUIPMENT

Standard Line and Field Colors*



APPLICATION

This is a high use field product. This product should be installed outdoors on a compacted aggregate base. The PowerHouse series is made up of some of the most proven and durable fibers in the world. The 2C "Double Coverage" system allows for more face yarn to show off its beautiful colors. This 13,000 denier system will keep your field looking newer, longer.



*Custom colors available upon request

200 Howell Dr. Dalton GA 30721

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TESTING

POWERHOUSE 40 Z

FINISHED FABRIC

ENGLISH SYSTEM

METRIC SYSTEM

ASTM TEST

Nominal Specification

	<i>Value</i>	<i>Units</i>	<i>Value</i>	<i>Units</i>	<i>Method</i>
Pile Height (Nominal)	2	In.	50.80	mm.	D-5823
Face Weight	40	oz/yd ²	1356	g/m ²	D-5848
Total Fabric Weight	67	oz/yd ²	2272	g/m ²	D-5848
Primary backing Weight	7.4	oz/yd ²	251	g/m ²	D-5848
Secondary Coating Weight	22	oz/yd ²	746	g/m ²	D-5848
Tuft Bind	>10	lbs.	>4.5	Kg.	D-1335
Grab Tear Strength (Average)	>200	lbs.	>91	Kg.	D-2256
Lead Content	<50	ppm	<50	ppm	D-2765
Total Yarn Linear Density	13,000	Denier	14,445	D-TEX	D-1577
Tensile Strength (Slit)	8	lbs.	3.6	Kg.	D-789
Stitch Rate	8	Per 3"	10.5	Per 10 cm	D-5793
Machine Gauge	1/2	In.	1.27	Cm.	D-5793
Flammability	TEST	PASSED	TEST	PASSED	D-2859
Water Permeability w/infill	>30	In./Hr.	>76	Cm./Hr.	F-1551
Fiber Thickness (Slit)	9.4	mils	100	microns	D-3218
Fabric Width	15	Ft.	4.6	M	None

08/28/2025