

# FL416-50



## APPLICATION

Custom designed for baseball, including mounds, FL416-50 is a durable, high-performance athletic turf. The strong polyethylene slit film fibers combine with an effective polypropylene thatch to create a unique system for reducing infill flyout. FL416-50 should be installed outdoors on a compacted aggregate base.

### Standard Line and Field Colors\*



## PROPERTY

## DESCRIPTION

<b>Primary/Stalk Yarn Type:</b>	Polyethylene
<b>Secondary/Thatch Yarn Type:</b>	Polypropylene
<b>Yarn Cross Section:</b>	Polyethylene Slit Film with Texturized Polypropylene Thatch
<b>Standard Color(s)*:</b>	Field, Field/Lime, Terra Cotta, White, Florida Blue, Orange, Yellow, Red, Black
<b>UV Stabilized:</b>	Yes
<b>Fabric Construction:</b>	Tufted
<b>Primary Backing:</b>	ArmorLoc™ 3L Stabilized Woven PP/PET Multilayer
<b>Coating Type(s):</b>	SilverBack™ Polyurethane
<b>Perforations:</b>	Optional
<b>Yarn Denier/Ends:</b>	Stalk: 8000/1 Thatch: 4600/8
<b>Pile Height:</b>	1-3/4"
<b>Face Weight:</b>	50 oz/yd <sup>2</sup>
<b>Fabric Width:</b>	15 ft.



\*Custom colors available upon request

200 Howell Dr. Dalton GA 30721

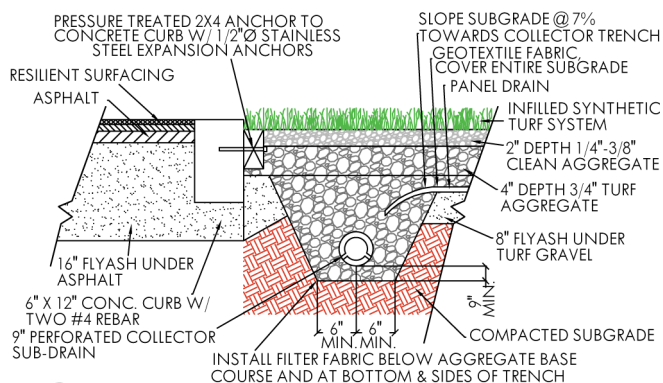
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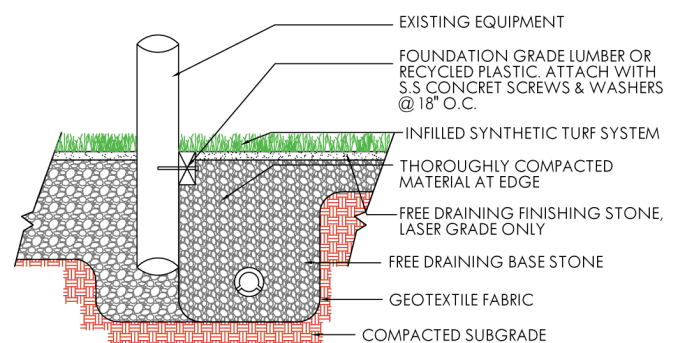
 **CONTROLLED**  
PRODUCTS

# FL416-50

FINISHED FABRIC	ENGLISH SYSTEM		METRIC SYSTEM		ASTM TEST F-1551
Nominal Specification	Value	Units	Value	Units	Method
Pile Height (Nominal)	1.75	In.	44.45	mm.	D-5823
Face Weight	50	oz/yd <sup>2</sup>	1,695	g/m <sup>2</sup>	D-5848
Total Fabric Weight	77	oz/yd <sup>2</sup>	2,611	g/m <sup>2</sup>	D-5848
Primary Backing Weight	7	oz/yd <sup>2</sup>	237	g/m <sup>2</sup>	D-5848
Secondary Coating Weight	20	oz/yd <sup>2</sup>	678	g/m <sup>2</sup>	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	12,600	Denier	14,000	D-Tex	D-1577
Tensile Strength (Slit)	8	lbs.	3.6	Kg.	D-5034
Stitch Rate	11.5	Per 3"	15.07	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 (Mono)	-	-	310	microns	D-3218
Fiber Thickness (Slit)	-	-	100	microns	D-3218



## CURB



## EQUIPMENT

It is the policy of Controlled Products to continuously improve their line of products. Therefore, Controlled Products reserves the right to change, modify or discontinue systems, specifications and accessories of all products at any time without notice or obligation to purchaser.