

PowerHouse 46Q



SPORTURF™



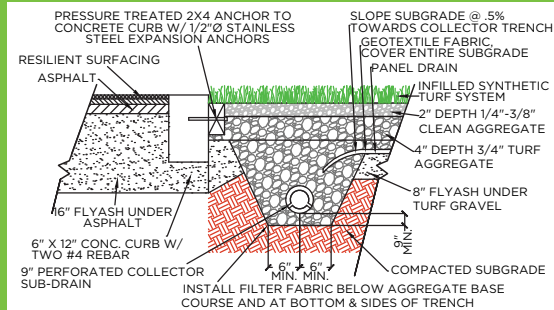
Polyethylene Slit-Film

PROPERTY

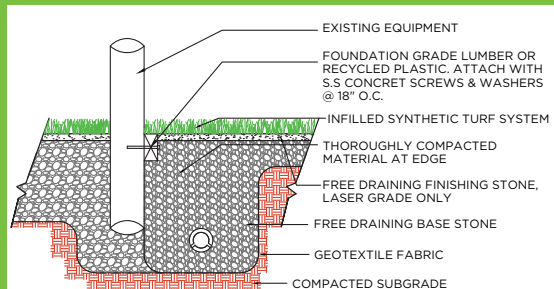
DESCRIPTION

FL452Q-46

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	1 lb. Silica Sand; 3.25 lbs. SBR Rubber
Pile Height	2 1/4"
Pile Weight	46 oz.



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



TESTING

POWERHOUSE 46Q

FINISHED FABRIC

Nominal Specification

Pile Height (Nominal)

Face Weight

Total Fabric Weight

Primary backing Weight

Secondary Coating Weight

Tuft Bind

Grab Tear Strength (Average)

Lead Content

Total Yarn Linear Density

Tensile Strength (Slit)

Stitch Rate

Machine Gauge

Flammability

Water Permeability w/infill

Fiber Thickness (Slit)

Fabric Width

ENGLISH SYSTEM

Value

Units

2 1/4

In.

46

oz/yd²

73

oz/yd²

7.4

oz/yd²

20

oz/yd²

>10

lbs.

>200

lbs.

<50

ppm

13,000

Denier

8

lbs.

8

Per 3"

1/2

In.

TEST

PASSED

>30

In./Hr.

9.4

mils

15

Ft.

METRIC SYSTEM

Value

Units

57.15

mm.

1560

g/m²

2475

g/m²

251

g/m²

678

g/m²

>4.5

Kg.

>91

Kg.

<50

ppm

14,443

D-Tex

3.6

Kg.

10.49

Per 10 cm

1.27

Cm.

TEST

PASSED

>76

Cm./Hr.

100

microns

4.6

M

ASTM TEST

Method

D-5823

D-5848

D-5848

D-5848

D-5848

D-1335

D-2256

D-2765

D-1577

D-789

D-5793

D-5793

D-2859

F-1551

D-3218

None



11/17/2014