

DATE: 10-19-2017

TEST NUMBER: 0402855

CLIENT: Go Green

TEST CONDUCTED: ASTM F1951 Test Method for Determination of Accessibility of Surface Systems Under and Around Playground Equipment



PRODUCT NAME: Platinum Heatmaxx

### PROCEDURE

This specification establishes minimum characteristics for those factors that determine accessibility. This specification applies to all types of materials that can be used under and around playground equipment. Playground surfaces represented as complying with this specification shall meet all applicable requirements regarding accessibility specified herein. Wheelchair work measurement method - straight propulsion and wheelchair work measurement method - turning shall be performed to conform with the requirements specified. Data was gathered by use of a "Smart Wheel" attached to the Everest and Jennings Traveler wheel chair fitted with pneumatic wheels.

### REQUIREMENT CRITERIA

A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning less than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1 %).

### TEST RESULTS

	Straight Line Propulsion	Turning Propulsion
BASELINE	14.9 lbs. (Average work/ft Force)	11.7 lbs. (Average work/ft Force)
	10.4 lbs. (Average work/ft Force)	9.1 lbs. (Average work/ft Force)

*\*NOTE: tested over concrete slab with manufacturer's recommended infill.*

This turf system meets the criteria as set forth under this test method specification.

APPROVED BY: Gary Asbury

This report is provided for the exclusive use of the client to whom it is addressed. It may be used in its entirety to gain product acceptance from duly constituted authorities. This report applies only to those samples tested and is not necessarily indicative of apparently identical or similar products. This report, or the name of Professional Testing Laboratory, Inc., shall not be used under any circumstance in advertising to the general public.



Division of Professional Testing Laboratory, Inc.

Pro-Turf Lab

d/b/a Professional Testing Lab, Inc.  
 714 Glenwood Place  
 Dalton, GA 30721

# Invoice

Date	Invoice #
10/31/2017	TL17-17171

<b>Bill To</b>
Go Green Angela Porter 294 Hennon Dr. Dalton ,Ga 30721

**FEDERAL ID#**  
 58-1814259

P.O. Number	Terms	Due Date	Requested By	Reference
7004	Net 30	11/30/2017	Angela Porter	

Quantity	Item Code	Description	Price Each	Amount
1	ASTM F1292 Singl...	ASTM F1292 Impact Attenuation (Single Temperature) TEST # 402835 ID: Platinum Heatmaxx	275.00	275.00

Thank you for your business!  
 We accept Visa, Mastercard, Discover and AMEX

**Total** \$275.00

**Phone #**  
 (706)226-3283

**E-mail**  
 protest@optilink.us

**Payments/Credits** \$0.00  
**Balance Due** \$275.00

## TEST REPORT

DATE: 10-05-2017

TEST NUMBER: 0402835

CLIENT

Go Green

TEST CONDUCTED

ASTM F1292 Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment



PRODUCT NAME

Platinum Heatmaxx

DESCRIPTION OF PRODUCT TESTED

Turf

### GENERAL PRINCIPLE

A test specimen is impacted at a specified velocity with a missile of given mass and geometry. A transducer mounted in the missile monitors the acceleration time history of the impact, which is recorded with the aid of an oscilloscope or other recording device. The 10 lb. missile was dropped at the appropriate height. The GMAX values, HIC (head impact criteria) are recorded for three drops. The second and third drops are averaged. Testing was conducted at three temperatures as listed on the results. The maximum criteria for passing a drop height is 200 gmax or 1,000 HIC.

### TEST RESULTS

Tested at 72° F	DROP 1	DROP 2	DROP 3	AVERAGE OF DROPS 2 AND 3
GMAX	135	131	135	133
HIC	992	973	999	986

\* Submitted samples subjected to a drop height of 9 1/2 feet.

\*\*NOTE: 2" Foam Pad was used and infilled with 2 lbs./sf of enviro fill.

APPROVED BY: \_\_\_\_\_



Division of Professional Testing Laboratory, Inc.

Pro-Turf Lab

d/b/a Professional Testing Lab, Inc.  
714 Glenwood Place  
Dalton, GA 30721

# Invoice

Date	Invoice #
10/31/2017	TL17-17168

Bill To
Go Green Angela Porter 294 Hennon Dr. Dalton ,Ga 30721

FEDERAL ID# 58-1814259
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P.O. Number	Terms	Due Date	Requested By	Reference
6922	Net 30	11/30/2017	Angela Porter	

Quantity	Item Code	Description	Price Each	Amount
1	Panel (w/infill)	ASTM E648 Radiant Panel (with Infill)	400.00	400.00
1	ASTM D2859 With...	ASTM D2859 Surface Flammability With Infill TEST # 402818 ID: Platinum Heatmaxx	100.00	100.00

Thank you for your business! We accept Visa, Mastercard, Discover and AMEX	<b>Total</b>	\$500.00
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Phone #
(706)226-3283

E-mail
protest@optilink.us

Payments/Credits	\$0.00
<b>Balance Due</b>	\$500.00

# PRO-TURF LAB

Division of Professional Testing Laboratory, Inc.

DATE: 10-05-2017

TEST NUMBER: 0402818

CLIENT

Go Green

TEST CONDUCTED

Surface Flammability of Carpets and Rugs (16 CFR Chapter II, Subchapter D, Part 1630 CPSC FF-170) also referenced as ASTM D2859



PRODUCT NAME

Platinum Heatmaxx

DESCRIPTION OF PRODUCT TESTED

Turf

## TEST CRITERION

The uncharred area of the test specimen must be greater than one inch in at least seven of the eight specimens tested in order to meet the acceptance criterion.

## TEST RESULTS

	SPECIMEN NUMBER							
	1	2	3	4	5	6	7	8
Uncharred Area (Inches)	3.5	3.6	3.5	3.5	3.5	3.6	3.6	3.5

*NOTE: This Sample was tested on the face side.*

*Sample was tested with infill per manufacturer's specifications.*

This sample PASSES the Federal Flammability Standard DOC FF 1-70

APPROVED BY: \_\_\_\_\_

*Larry Asbury*

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## TEST REPORT

DATE: 10-05-2017

TEST NUMBER: 0402818

CLIENT: Go Green

TEST CONDUCTED: ASTM E648 Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using A Radiant Heat Energy Source, also referenced as NFPA 253 and FTM Standard 372



PRODUCT NAME: Platinum Heatmaxx  
 DESCRIPTION OF PRODUCT TESTED: Turf - Infilled

### GENERAL PRINCIPLE

This procedure is designed to measure the critical radiant flux at flame out of horizontally mounted floor covering systems exposed to a flaming ignition in a test chamber which provides a graded radiant heat energy environment. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floors of a building whose upper surfaces are heated by flames from a fully developed fire in an adjacent room or compartment. The test result is an average critical radiant flux (watts/square cm) which indicates the level of radiant heat energy required to sustain flame propagation in the flooring system once it has been ignited. A minimum of three test specimens are tested and the results are averaged. Theoretically, if a room fire does not impose a radiant flux that exceeds this critical level on a corridor floor covering system, flame spread will not occur.

The NFPA Life Safety Code 101 specifies as Class 1 Critical Radiant Flux of .45 watts/sq cm or higher and Class 2 Critical Radiant Flux as .22 - .44 watts/sq cm.

FLOORING SYSTEM ASSEMBLY			
SUBSTRATE	Mineral-Fiber/Cement Board	UNDERLAYMENT	Loose Laid
ADHESIVE	N/A	CONDITIONING	Minimum of 96 hours at 70 ± 5° F and 50 ± 5% relative humidity

	Distance Burned	Time To Flame Out	Critical Radiant Flux
Specimen 1	15 cm	5 minutes	0.98 watts/square cm
Specimen 2	12 cm	5 minutes	1.04 watts/square cm
Specimen 3	15 cm	5 minutes	0.98 watts/square cm

Average Critical Radiant Flux	1.00 Watts/Square Cm
Standard Deviation	0.03 Watts/Square Cm
Coefficient of Variation	2.83 %

\* NOTE: Meets or exceeds Class 1 rating as specified in NFPA Life Safety Code 101 and IBC 804.2 Classification.

APPROVED BY: Gary Asberry

## Angela Porter

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**From:** Eddie Patterson <eddiepatterson@universal-textile.net>  
**Sent:** Wednesday, October 4, 2017 12:33 PM  
**To:** Angela Porter  
**Subject:** Fwd: GO GREEN

Sent from my iPhone

Begin forwarded message:

**From:** TMA QC Lab <qclab@textilemanagement.com>  
**Date:** October 4, 2017 at 5:17:55 AM EDT  
**To:** Eddie Patterson <eddiepatterson@universal-textile.net>  
**Subject:** GO GREEN

**DATE TESTED:**  
10/3/17

CUSTOMER	STYLE ID	TUFT BIND
Go Green	47 oz. Heat Max	17.2
Go Green	Bryce Elite	18.0
Go Green	Performance	16.8
Go Green	New Port	17.1
Go Green	Liberty	10.1
Go Green	Blue Ridge	16.5
Go Green	65 oz.	16.5

Acadia 13.5