



# Product Specification Sheet

## Emerald Super-100

### **USES:**

Landscape  
Lawns  
Playgrounds  
Traffic Medians  
Pet Areas  
Commercial or Residential  
Light-Heavy Traffic

### **SPECIFICATIONS:**

Pile Height: 2 5/8"  
Turf Gauge: 5/8"  
Face Weight: 100 oz./yd<sup>2</sup>  
Backing Weight: 28 oz./yd<sup>2</sup>  
Total Weight: 128 oz./yd<sup>2</sup>  
Stitch Rate: 21/10cm  
Stitches/m<sup>2</sup>: 13230  
Material/Dtex: PE11000 & PP4400  
Color: Emerald Green with Brown and  
Green Thatching  
Type Of Fiber: PE Monofilament and PP  
Curled As Thatch



# TRACEANALYSIS, INC.

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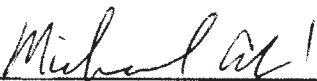
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## CERTIFICATE OF ANALYSIS

Client: Global Syn-Turf, Inc.  
Product: Emerald Super-100  
Lead Results: 1.21 milligram lead per kilogram

Synthetic fibers from turf product Emerald Super-100, taken by Global Syn-Turf, Inc. 8/13/12 and received by TraceAnalysis, Inc. 8/15/12, were analyzed by TraceAnalysis, Inc. for total lead by method ASTM F 2765-09. The results were 1.21 milligram lead per kilogram synthetic fiber (<1 mg/kg).



Dr. Blair Leftwich, Director  
Dr. Michael Abel, Project Manager

8/20/12

Date



**TESTING SERVICES, INC.**  
817 SHOWALTER AVE. • P.O. BOX 2041  
DALTON, GEORGIA 30722-2041  
PHONE: (706) 226-1400 • FAX: (706) 226-6118

<b>CLIENT:</b>	Global Syn-Turf	<b>REPORT NUMBER:</b>	57084
	2482 Technology Drive	<b>LAB TEST NUMBER:</b>	2506-5378
	Hayward, CA 94545	<b>DATE:</b>	January 15, 2013

**Test Material:**

<b>Turf Identification</b>	<b>Infill</b>
GST Emerald	1.0 lbs/ft <sup>2</sup> 20-40 Silica Sand

**SUBJECT:** Testing Services Inc was instructed by the client to determine the flammability of finished synthetic turf when exposed to an ignition source under controlled laboratory conditions.

**TEST METHOD:** ASTM D-2859: *Standard Test Method for Flammability of Finished Textile Floor Covering Materials*

*Code of Federal Regulations: 16 CFR 1631 (FF2-70) < 6ft & 24 ft<sup>2</sup>*

*Code of Federal Regulations: 16 CFR 1630 (FF1-70) > 6ft & 24 ft<sup>2</sup>*

**TEST SCOPE:** This test method is part of the standards for the surface flammability of carpets and rugs of the U.S. Consumer Product Safety Commission. The acceptance criteria of this standard calls for the charred portion of at least seven out of eight individual specimens not extend to within 1" of the steel frame placed on top of the sample when exposed to a centrally placed methenamine pill tablet.

**TEST DATA:**

Specimen Number	Un-charred Area
01	>2.0"
02	>2.0"
03	>2.0"
04	>1.0"
05	>3.0"
06	>1.0"
07	>2.0"
08	>2.0"

**Note:** The above listed infill system was installed prior to testing.

**TEST SUMMARY:**

<b>Pass</b>	<b>Failure</b>	<b>Status</b>
8	0	Passes

Approved By:

Erle Miles Jr. VP  
Testing Services Inc.



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<b>CLIENT:</b>	Global Syn-Turf	<b>REPORT NUMBER:</b>	56981
	2482 Technology Drive	<b>LAB TEST NUMBER:</b>	2503-5273
	Hayward, CA 94545	<b>DATE:</b>	January 3, 2013

**Test Material:**

<b>Turf Identification</b>	<b>Infill</b>
GST Stengrass	1.0 lbs/ft <sup>2</sup> 20-40 Silica Sand

**SUBJECT:**

Testing Services Inc was instructed by the client to determine the flammability of finished synthetic turf when exposed to an ignition source under controlled laboratory conditions.

**TEST METHOD:**

**ASTM D-2859: Standard Test Method for Flammability of Finished Textile Floor Covering Materials**

**Code of Federal Regulations: 16 CFR 1631 (FF2-70) < 6ft & 24 ft<sup>2</sup>**

**Code of Federal Regulations: 16 CFR 1630 (FF1-70) > 6ft & 24 ft<sup>2</sup>**

**TEST SCOPE:**

This test method is part of the standards for the surface flammability of carpets and rugs of the U.S. Consumer Product Safety Commission. The acceptance criteria of this standard calls for the charred portion of at least seven out of eight individual specimens not extend to within 1" of the steel frame placed on top of the sample when exposed to a centrally placed methenamine pill tablet.

**TEST DATA:**

Specimen Number	Un-charred Area
01	>2.0"
02	>2.0"
03	>1.0"
04	>1.0"
05	>2.0"
06	>2.0"
07	>2.0"
08	>1.0"

Note: The above listed infill system was installed prior to testing.

**TEST SUMMARY:**

<b>Pass</b>	<b>Failure</b>	<b>Status</b>
8	0	Passes

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