



Test Report

CLIENT:	ForeverLawn, Inc	REPORT NUMBER:	60266A
	8007 Beeson St	LAB TEST NUMBER:	2596-9052
	Louisville, OH 44641	DATE:	March 21, 2014
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Test Material:

Turf Identification
K9Grass Sport

Test Scope:

Testing Services Inc was instructed to carry out testing on the sample supplied according to the following testing:

- Determine the total weight (fiber + primary backing+ urethane secondary backing)
- Determine the fiber weight (yarn only)
- Determine the primary backing weight
- Calculate the secondary backing weight
- Measure the tuft length above the backing (pile height)

Test Methods:

ASTM D5823: Standard Test Method for Tuft Height of Pile Floor Coverings
ASTM D5848: Standard Test Method for Mass Per Unit Area of Pile Yarn Floor Coverings

Procedure:

A calibrated machine milled template, 6 3/4" X 6 3/4" was placed on the back side (secondary backing up) of the finished good. Careful attention was made not to place the template in the middle of a stitch row and allow for as many rows as possible to be under the template. Using a double sided carpet knife, the sample was carefully cut around the template with just enough pressure as not to cut any lengths of the tufts. The sample was then weighed for total weight using calibrated digital scales. After establishing the total weight, the sample was "plucked" by pulling the fibers from the secondary backing and collecting these fibers. The collected fibers (now separated from the backing) were subjected to a chloroform bath, rinsed, and dried to remove any urethane. The fibers were allowed to re-condition to standard lab conditions and re-weighed as the pile yarn weight.

Five tufts were measured from the backing to the top of the tuft using a stick gauge. The measurements were recorded and averaged. This procedure was repeated on each of the four rolls submitted for testing.

Test Data:

Average Total Weight	104.70 oz/yd ²
Pile Yarn Weight	47.41 oz/yd ²
Primary Backing Weight	4.00 oz/yd ²
Secondary Backing Weight	53.29 oz/yd ²
Average Pile Height	1.50"

Approved By:

Digitally signed by Erle Miles, Jr V.P.
 DN: cn=Erle Miles, Jr V.P., o=Testing
 Services Inc, ou,
 email=erle@tsifordalton.net, c=US
 Date: 2015.08.03 16:51:18 -0400

Erle Miles, Jr V.P., Testing Services Inc

TSi Accreditation:

Our laboratory is accredited with US Dept of Commerce, National Institute of Standards and Technology: ISO/IEC 17025:2005. TSi is a recognized certified laboratory by the Synthetic Turf Council

Uncertainty:

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information to us using the latest test methods available.