



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



Test Report

CLIENT:	Flooring Liquidators	REPORT NUMBER:	64009C
	736 Mariposa Road, Suite F	LAB TEST NUMBER:	2710-3528
	Modesto, CA 95354	DATE:	June 5, 2015
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Test Material:

Turf Identification	Tough Turf
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Test Scope:

Friable foam blocks are attached to a weighted platform and pulled over the playing surface in a prescribed manner. The weight of foam abraded away determines the relative abrasiveness of the surface.

Test Method:

ASTM F1015-03(2009): Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces

Test Equipment:

Abrasiveness Test Platform: 8" (20.3 cm) X 8" (20.3 cm) X 0.25" (0.635 cm)
 0.635 cm Diameter Holes Centered 0.635 cm from Edge
 ¼" X ½" X 2" X 2" Foam Square Retainers
 Weight of Platform: 931 grams

Test Weight: 20 lb (9.072 kg) Flat Head as Per ASTM F355A

Pull Cable/Changing Pulley: Attached to Operator Foot Restraint Parallel to the Surface

Test Foam: Isocyanurate Friable Foam Blocks
 2" (5.08 cm) X 2" (5.08 cm) X 1" (2.54 cm)
 Density: 1.95 lb/ft³ (0.0312 g/cm³)

Test Procedure:

Four test foam blocks were pre-weighed and recorded in grams. The four blocks were then placed into the square retainers of the test platform. The test platform was then placed on the playing surface and the test weight centrally positioned on top. The loaded platform was then pulled 18" (45.72 cm) between 8 and 12 seconds across, against, across in succession without lifting the test platform so as to outline a "square" on the surface. The test foam blocks were then removed and re-weighed in grams. The abrasive index was calculated by determining the weight loss for each set of four blocks in grams. The weight loss was then divided by 6.0 and multiplied by 100.

Test Data:

Test Conducted: May 27, 2015
Test Conditions: Dry Surface
Test Environment: 73°F 65% RH
Infill System: 2.5 lbs/ft² 20/40 Silica Sand

Before Weight of All (4) Foam Blocks	After Weight of All (4) Blocks
9.3521 grams	8.2541 grams
Abrasive Index	18

Approved By:

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