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TEST REPORT

CLIENT:	X-Grass	REPORT NUMBER:	56363
	PO Box 579	LAB TEST NUMBER:	2482-4425
	Rocky Face, GA 30740	DATE:	October 5, 2012

Sample ID:

Description
Bonded Rubber

Test Method: *ASTM D2047-11: Standard Test Method for Static Coefficient of Friction of Polished Coated Flooring Surfaces as Measured by the James Machine*

Test Scope: This test method measures the static co-efficient of friction with respect to human locomotive (abrupt stop) safety.

Procedure: Three separate test panels were selected for testing. Four readings were obtained from each panel, rotating the panel 90° between each of the four readings as to provide a fresh surface and any directional effects are cancelled.

The panel was placed on the test table in a firm position with the retaining bar. The leather test shoe material was placed into the strut yoke and the entire assembly lowered into contact with the test panel. With the hand wheel and recording pen released, the test table was moved forward at a rate of 60in/min, until the test shoe material slips and the vertical column drops. From the recording pen and chart, the static coefficient of friction was read at the point at which the horizontal curve made on the chart changes to a vertical line. The strut was then lifted and the test table returned to it's original position. The test panel was rotated 90°, the test shoe material sanded, and the steps repeated.

Test Data: Type: Leather

Reading #	SCOF Values
1	0.90
2	0.85
3	0.83
4	0.79
5	0.78
6	0.83
7	0.80
8	0.83
9	0.85
10	0.80
11	0.90
12	0.75
Average SCOF	0.80

Approved By:

Erle Miles Jr. VP
 Testing Services Inc

Note: Under NVLAP Guidelines, TSi is to report any outsourcing of testing to another laboratory facility. In the above testing, some/all of tests were outsourced to: ABIC Testing Laboratories, Inc. Their accreditations are on file and available upon request.