TEST REPORT

CLIENT: ASLAN Schwarz GmbH & Co., KG
Oberauel 2
Overath
Germany 51491

Attn: Tobias Krämer

Test Report No:	**2203730-R1**	**Date:**	**November 3, 2010**

REVISION: This report supersedes SGS Report Number 2203730 issued on November 2, 2010. Added complete company name on all the following pages.

SUBJECT: Evaluation of submitted material in accordance with ASTM D2047-04.

SAMPLE ID: Three (3) samples identified by the client as **"ASLAN MP326" Thickness ~125 µm** were received on October 12, 2010 in good condition.

PROCEDURE: The samples were tested for coefficient of static friction in accordance with ASTM D 2047-04. No revisions to this report will be allowed after 90 days of the report date.

RESULTS: The test data and results are on the following page(s).

DATE TESTED: 10/26/10 – 10/27/10

REMARKS: The Occupational Safety and Health Administration recommend that walking surfaces have a static coefficient of friction of 0.5. According to 28 CFR Ch. 1-1994 Section A4.5.1, a static coefficient of friction of 0.6 is recommended for accessible routes and 0.8 for ramps.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of SGS U.S. Testing Company Inc., Tulsa, OK.

SIGNED FOR AND ON BEHALF OF
SGS U.S. TESTING COMPANY INC.

RAY ABDO

Ray Abdo
Materials Department Technician

J. Brian McDonald
Branch Manager

Test Procedure and Results

ASTM D 2047-04

The test shoe material used during test was rubber purchased and specified to conform to ASTM D1630, as allowed as an alternative shoe material per ASTM D2047-04 Section 7.4. Additionally the test specimen was wetted using distilled water to simulate wet floor conditions. The test shoe was assembled and maintained as per Section 7 and all testing conducted in accordance with Section 8. All materials and equipment used during test conformed to the relevant applicable sections of the test method, unless otherwise specified by the client.

Environment: The testing was conducted in a controlled environment of 70°F and 50% relative humidity.

Coating Identification: PVC Self-Adhesive Matte Film

Thickness: ~125 µm

Results (Dry Leather):

SAMPLE ID: ASLAN MP 326		
Specimen	Determination	Static Coefficient of Friction
1	1	0.45
	2	0.43
	3	0.41
	4	0.43
2	1	0.42
	2	0.42
	3	0.39
	4	0.40
3	1	0.38
	2	0.38
	3	0.38
	4	0.39
	Average:	0.46
	Standard Deviation:	0.1661

Results (Wet Leather):

SAMPLE ID: ASLAN MP 326		
Specimen	**Determination**	**Static Coefficient of Friction**
1	1	0.79
	2	0.82
	3	0.72
	4	0.73
2	1	0.64
	2	0.74
	3	0.73
	4	0.79
3	1	0.73
	2	0.82
	3	0.9
	4	0.8
	Average:	0.79
	Standard Deviation:	0.0906

Results (Dry Neolite):

SAMPLE ID: ASLAN MP 326		
Specimen	Determination	Static Coefficient of Friction
1	1	0.72
	2	0.75
	3	0.71
	4	0.73
2	1	0.69
	2	0.7
	3	0.71
	4	0.71
3	1	0.69
	2	0.69
	3	0.68
	4	0.68
	Average:	0.73
	Standard Deviation:	0.0843

Results (Wet Neolite):

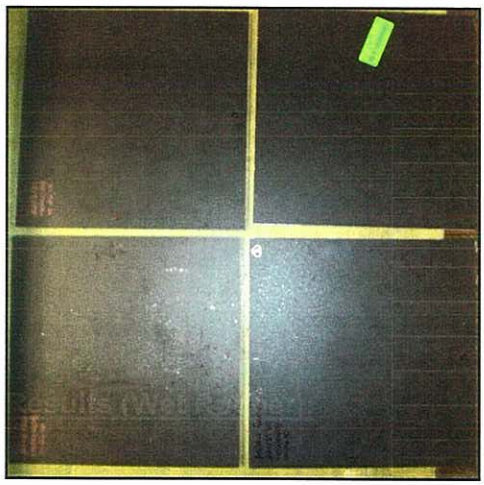
SAMPLE ID: ASLAN MP 326		
Specimen	Determination	Static Coefficient of Friction
1	1	0.75
	2	0.81
	3	0.82
	4	0.82
2	1	0.69
	2	0.7
	3	0.71
	4	0.71
3	1	0.82
	2	0.82
	3	0.84
	4	0.77
	Average:	0.79
	Standard Deviation:	0.0834

Results (Dry Rubber):

SAMPLE ID: ASLAN MP 326		
Specimen	**Determination**	**Static Coefficient of Friction**
1	1	0.88
	2	1.14
	3	1.10
	4	0.9
2	1	1.05
	2	1.05
	3	1.05
	4	1.05
3	1	1.10
	2	1.03
	3	1.00
	4	1.00
	Average:	1.04
	Standard Deviation:	0.0739

Results (Wet Rubber):

SAMPLE ID: ASLAN MP 326		
Specimen	**Determination**	**Static Coefficient of Friction**
1	1	1.00
	2	1.20
	3	1.13
	4	1.15
2	1	1.20
	2	1.20
	3	1.15
	4	1.15
3	1	1.20
	2	1.20
	3	1.13
	4	1.13
	Average:	1.14
	Standard Deviation:	0.0694



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End of Report