

ABIC TESTING LABORATORIES, INC.

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To: CS Construction Specialties
Mr. Michael Dance

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From: Leonard Mackowiak

Subject: Static Coefficient Of Friction Testing
Project No 5418-08

Introduction

ABIC Testing Laboratories, Inc. was authorized to test the following samples of metal floor panels for static coefficient of friction (SCOF). The coefficient of friction determination was made using the James Machine as specified in ASTM D-2047. Testing was conducted using dry and wet neolite.

Results:

<u>Product Identification</u>	<u>Type</u>	<u>SCOF Values</u>	<u>Average SCOF</u>
Floormations Wind Mill	Dry Neolite	.77, .76, .90, .88 .76, .78, .77, .76 .85, .80, .81, .88	.8
	Wet Neolite	1.13, 1.15, 1.20, 1.20 1.01, 1.03, 1.03, 1.05 1.03, 1.07, 1.10, 1.10	1.1
Floormations Kinetic	Dry Neolite	.75, .73, .82, .83 .83, .83, .77, .74 .70, .72, .78, .70	.8
	Wet Neolite	.95, 1.00, .95, 1.00 1.05, 1.10, 1.10, 1.10 1.05, 1.04, 1.02, 1.02	1.0

<u>Product Identification</u>	<u>Type</u>	<u>SCOF Values</u>	<u>Average SCOF</u>
Floormations Transit	Dry Neolite	.63, .73, .65, .70 .62, .67, .67, .62 .60, .60, .64, .68	.7
	Wet Neolite	.70, .91, .68, .73 .80, .81, .76, .78 .81, .83, .81, .83	.8
Floormations Tease	Dry Neolite	.63, .63, .63, .63 .63, .63, .64, .63 .60, .64, .61, .64	.6
	Wet Neolite	.88, .87, .84, .83 .90, .88, .91, .90 .85, .83, .79, .79	.9
Floormations Odyssey	Dry Neolite	.61, .60, .61, .57 .64, .60, .60, .61 .60, .61, .60, .60	.6
	Wet Neolite	.92, .92, .91, .88 .93, .94, .94, .92 .92, .89, .93, .89	.9
Floormations Pinwheel	Dry Neolite	.73, .75, .70, .73 .83, .80, .76, .79 .80, .84, .73, .78	.8
	Wet Neolite	1.10, 1.15, 1.20, 1.20 1.05, 1.05, 1.10, 1.10 .90, 1.00, 1.00, 1.03	1.1

<u>Product Identification</u>	<u>Type</u>	<u>SCOF Values</u>	<u>Average SCOF</u>
Floormations Crosshatch	Dry Neolite	.83, .80, .79, .78 .75, .70, .78, .68 .83, .72, .74, .70	.8
	Wet Neolite	.89, .93, .88, 1.02 .95, .90, .90, 1.00 .93, .95, .99, .93	.9
Floormations Honeycomb	Dry Neolite	.80, .74, .72, .81 .75, .70, .72, .70 .71, .74, .71, .75	.7
	Wet Neolite	.88, .88, .88, .96 .97, .97, .93, .94 .84, 1.00, .87, .96	.9

Discussion

It is generally recognized that a walking surface must have a static coefficient of friction of 0.5 or greater to be considered slip resistant. In our evaluation Floormations Wind Mill, Floormations Kinetic, Floormations Transit, Floormations Tease, Floormations Odyssey, Floormations Pinwheel, Floormations Crosshatch and Floormations Honeycomb metal floor panels meet this standard with dry and wet Neolite shoe sole material.

Respectfully submitted,



Leonard Mackowiak
Vice President