



SMITH-EMERY LABORATORIES
An Independent Commercial Testing Laboratory

781 E. Washington Boulevard - 2nd Floor Los Angeles, California 90021 ♦ (213) 745-5333 ♦ Fax (213) 749-7232

Project/Job No.: 40475-1
Laboratory No.: T-11-124

December 14, 2011

Client: **CHASE CORPORATION**
26 SUMMER STREET
BRIDGEWATER, MA 02324-2626

Project: **CIM INDUSTRIES, INC**
23 ELM STREET
PETERBOROUGH, NEW HAMPSHIRE, 03458
Attn: DOUG CAMPBELL

Subject: **12" x 12" Samples of C.I.M 1000 Applied to Plywood**
Specification: **ASTM C 1028-07**
Source: **Delivered by Client on November 30, 2011 to Smith Emery Laboratories.**

STATIC COEFFICIENT OF FRICTION (ASTM C 1028-07)

A block of wood with a 3" x 3" x 1/8" section of standard neolite sole liner attached, was placed on the surface to be tested; on top of this assembly, a 50 pound (22kg) weight was placed. Using dynamometer, the force in pounds required to cause the test assembly to slip parallel to the test surface was measured. Four measurements were taken on each of three test surfaces, each measurement perpendicular to the previous one. The twelve measurements were averaged to obtain the coefficient of friction for each test condition.

A. As Received:

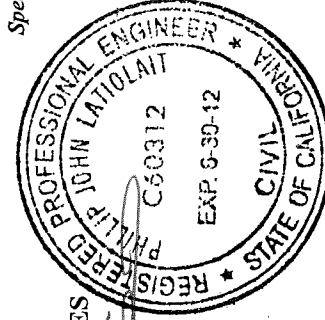
Test Condition	Tile No.	N	E	S	W	Average	Individual Static Coefficient of Friction (fc)	S.C.O.F	
								After	Noelite Correction Factor
Dry Neolite	1	48	47	48	47	48.08	(0.94)	0.92	
	2	49	48	49	48				
	3	48	49	48	48				
Wet Neolite	1	45	43	44	43	44.00	(0.86)	0.78	
	2	45	44	44	45				
	3	44	44	43	44				

B After Cleaning with Hilliards Renovator. (ASTM C 1028 Standard Cleaner)

Dry Neolite	1	48	49	48	48	48.17	(0.94)	0.92	
	2	48	48	49	48				
	3	48	48	47	49				
Wet Neolite	1	44	45	44	44	44.17	(0.86)	0.78	
	2	44	45	44	44				
	3	45	43	44	44				

Note: The Samples have 54 dry mils of CIM 1000 along with a 10 mil tack coat broadcast with 20/40 grit aggregate.

Respectfully Submitted,
SMITH - EMERY LABORATORIES



P. John Latiolait
Registered Civil Engineer No. C60312
Registration Expires: 06-30-12

dp

Specification: Department of Justice ADA Title III Regulation 28 CFR Part 36, Section A4.5.1; Recommends minimum of 0.60 SCOF for horizontal surfaces and 0.80 SCOF on ramps.

- Materials Tested Comply With Specifications.
- Horizontal; Ramps or Incline
- Materials Tested Did Not Comply With Specifications.
- No Established Criteria for Acceptable Limits.
- For Information Only.

CC: CHASE CORPORATION; SMITH-EMERY LABORATORIES
F:PHYLAB\2011\40475 C.I.M. INDUSTRIES, INC\Job 1\T-11-124 STATIC COEFFICIENT OF FRICTION (SKID)