



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.: 40531-1
Laboratory No.: T-12-003

February 17, 2012

Client : GREG HEYDENREICH
TERRATILE
239 CALLE CAMPESINO
SAN CLEMENTE, CA 92672

Subject: 11-3/4" x 11-3/4" x 7/16" Thick Terratile, Red
Specification: ASTM C 1028-07
Source: Submitted to Smith-Emery Laboratories by Client on January 9, 2012.

STATIC COEFFICIENT OF FRICTION (ASTM C 1028-06)

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 Neolite Correction Factor
Dry Neolite	1	46	47	46	47	46.33	(0.90)	0.90
	2	47	46	46	46			
	3	46	47	46	46			
Wet Neolite	1	41	40	40	41	40.50	(0.79)	0.71
	2	41	41	40	41			
	3	40	41	40	40			

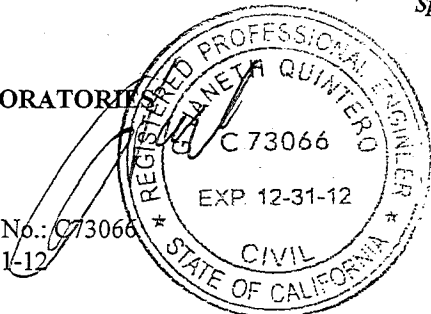
B. After Cleaning with Hilliards Renovator. (ASTM C 1028 Standard Cleaner)

Dry Neolite	1	46	47	46	46	46.00	(0.90)	0.90
	2	46	45	45	47			
	3	46	46	47	45			
Wet Neolite	1	40	41	40	40	40.00	(0.78)	0.70
	2	41	39	40	40			
	3	40	40	39	40			

Respectfully Submitted,
SMITH - EMERY LABORATORIES

G. Janeth Quintero
Registered Civil Engineer No.: C73066
Registration Expires: 12-31-12

mc



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: TERRATILE; SMITH-EMERY LABORATORIES

E:\Phylab\2012\40531 Terratile\Job 1\T-12-003 SCOF.xls

Page 1 of 1