



# SMITH-EMERY LABORATORIES

An Independent Commercial Testing Laboratory, Established 1904

781 E Washington Boulevard Los Angeles, California 90021 ♦ (213) 749-3411 ♦ Fax (213) 741-8626

Project/Job No : 35562-1  
Laboratory No : T-07-060

April 24, 2007

Client : **GREG FILLO**  
**BEDROSIAN'S TILE & MARBLE**  
1515 E. WINSTON ROAD  
ANAHEIM, CA 92805

Subject: **TCR MOU50B - 19 3/4" x 19 3/4" x 3/8" thick Field Tile Beige Mountain Ceramic Tiles, Made in China**  
Specification: **ASTM C 1028-96**  
Source: Submitted to Smith-Emery Laboratories by Client on April 9, 2007.

### STATIC COEFFICIENT OF FRICTION (ASTM C 1028-96)

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	44	45	43	44	44.33	(0.86)	0.68
	2	45	44	45	44			
	3	45	44	44	45			
Wet Neolite	1	36	35	34	35	34.75	(0.68)	0.63
	2	34	35	35	34			
	3	34	36	34	35			

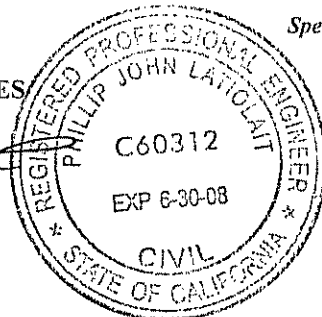
#### B. After Cleaning with Hillyards Renovator. (ASTM C 1028 Standard Cleaner)

Dry Neolite	1	43	44	44	43	43.58	(0.85)	0.67
	2	43	44	44	44			
	3	43	44	44	43			
Wet Neolite	1	35	34	35	34	34.58	(0.67)	0.62
	2	35	34	35	34			
	3	34	35	35	35			

Respectfully Submitted,  
SMITH - EMERY LABORATORIES

P John Latiolait  
Registered Civil Engineer No C60312  
Registration Expires: 06-30-08

rlm



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: BEDROSIAN'S TILE & MARBLE; SMITH-EMERY LABORATORIES

E:\PHYLAL\2007\35562 Bedrosian's Tile & Marble\Job IT-07-060 SCOF, Wtr Abs, Brk Str, Chem Resist, MOHS.xls Page 13 of 19

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS. AUTHORIZATION FOR PUBLICATION OF OUR REPORT, CONCLUSIONS, OR EXTRACTS FROM OR REGARDING THEM IS RESERVED PENDING OUR WRITTEN APPROVAL AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES