



**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.: 37139-1  
Laboratory No.: T-10-149

October 29, 2010  
\*Revised and Reissued on November 11, 2010.

Client : GREG FILLO  
BEDROSIANS  
1515 E. WINSTON ROAD  
ANAHEIM, CA 92805-6445

Subject: TCRMET 60P 24" x 24" Field Tile Metro Pearl Tilecrest Porcelain\*  
Specification: ASTM C 1028-07  
Source: Delivered by Client on October 13, 2010 Via Con-Way 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	S.C.O.F
							Coefficient of Friction (fc)	After Neolite Correction Factor
Dry Neolite	1	49	49	48	49	48.83	(0.95)	0.90
	2	49	48	49	49			
	3	48	50	49	49			
Wet Neolite	1	31	32	31	31	30.92	(0.60)	0.53
	2	30	32	32	31			
	3	29	31	31	30			

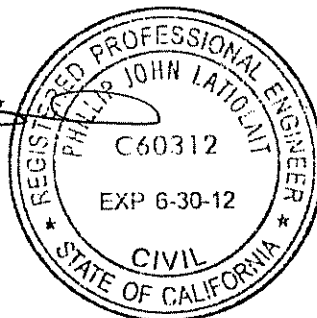
**B After Cleaning with Hillyards Renovator. (ASTM C 1028 Standard Cleaner)**

Dry Neolite	1	49	49	49	48	48.83	(0.95)	0.90
	2	49	48	49	49			
	3	49	49	50	48			
Wet Neolite	1	29	30	31	29	29.58	(0.58)	0.51
	2	29	31	30	29			
	3	29	30	28	30			

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.

Respectfully Submitted,  
SMITH - EMERY LABORATORIES

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



- 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:BEDROSIANS; SMITH-EMERY LABORATORIES

F:\PHYLAB\2010\37139 Bedrosians\Job 1\T-10-149 STATIC COEFFICIENT OF FRICTION (SKID) R

Page 7 of 9



# PRODUCT TESTING SERVICES

100 Clemson Research Blvd. • Anderson, SC 29625 • Tel (864) 646-TILE • Fax (864) 646-2821

TCNA TEST REPORT NUMBER: TCNA-397-10

PAGE: 1 OF 1

TEST REQUESTED BY: Bedrosians Tile  
Attn: Yerly Garcia  
1515 E. Winston Road  
Anaheim, CA 92805

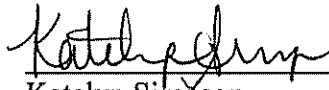
TEST SUBJECT MATERIAL: Identified by client as: TCR MET60P – Tilecrest Metro  
Porcelain Pearl 24x24 Field Tile

TEST DATE: 11/8/10-11/9/10

TEST PROCEDURE: ASTM C1027: “Standard Test Method for Determining  
Visible Abrasion Resistance of Glazed Ceramic Tile”  
-4 x 4-inch specimens were cut from individual tiles.  
-A Gabbrielli Abrasimeter W1 was used to abrade the tile.  
-10% Hydrochloric acid was used to remove any metal  
oxide staining.

TEST RESULTS: There was an apparent visual difference in gloss or color  
after **1500** revolutions when viewed in the viewing box by  
more than one technician. Thus, in accordance with the test  
procedure, the subject tile is given a **Class 3** rating.

According to ANSI A137.1-2008, the maximum  
recommended use for class 3 tile is: “heavy residential or  
light commercial”.

  
\_\_\_\_\_  
Katelyn Simpson  
Laboratory Manager

  
\_\_\_\_\_  
Date