



# SMITH-EMERY LABORATORIES

An Independent Commercial Testing Laboratory, Established 1904

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Project/Job No.: 30417-1  
Laboratory No.: T-05-092

June 2, 2005

Client : EUROWEST DECO SURFACES, INC.  
**2200 S DUPONT DR**  
ANAHEIM, CA 92806  
Attn: Sarah Eamigh

Subject: **12" x 12" "Iris" Ceramic US Earthstone-Post Rock Glazed Porcelain Tiles**  
Specification: ASTM C 1028-96  
Source: Submitted to Smith-Emery Laboratories by Client on May 20, 2005.  
Date Tested: 5/24/2005

### 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	S.C.O.F
							Coefficient of Friction (fc)	After Neolite Correction Factor
Dry Neolite	1	46	47	45	46	46.25	(0.90)	0.70
	2	46	47	46	46			
	3	47	46	47	46			
Wet Neolite	1	35	36	35	35	35.33	(0.69)	0.65
	2	35	36	35	35			
	3	36	36	35	35			

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

Dry Neolite	1	45	46	45	46	45.50	(0.89)	0.69
	2	45	46	45	46			
	3	45	46	45	46			
Wet Neolite	1	35	36	35	36	35.50	(0.69)	0.65
	2	35	36	36	35			
	3	36	36	35	35			

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

V. Andrew Tan

Registered Civil Engineer No. C64265

Registration Expires: 06-30-07



- 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.

tgj