

TorTestSM Floor Friction Testing Service
SOTTER ENGINEERING CORPORATION
Consultants

*Licensed by the State of California
Board for Professional Engineers
and Land Purveyors*

*Approved by City of Los Angeles
for testing slip resistance of
flooring*

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Flooring Test Results

Client: **Stan Holt at Continental Graffix USA, Inc.** Report date: Sept 4, 2013

Flooring: **Panorama Walk & Wall**

Page 1 of 2 Sample no.: 1308-2923 Pieces tested: 1

Date tested: 9/4/13 Size: **12" x 12"**

How and when sample obtained: Supplied by client 8/27/13

American Society for Testing and Materials method ASTM C 1028-07. This test does not evaluate hydroplaning potential.

Static coefficient of friction:

AS RECEIVED

Dry

Wet

0.78

0.70

Results apply only to the sample tested. High coefficients of friction indicate potentially good traction. Traditionally a **minimum** safe static coefficient of friction, as assessed using this test method, is **0.60 for level floors** and **0.80 for ramps**. Slip resistance can be affected by maintenance-related items including wear, floor coatings, buffing, and contamination.

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Flooring: **Panorama Walk & Wall**

Individual test values (for information only; required by ASTM and City of Los Angeles):

	<u>AS RECEIVED</u>	
	<u>Dry</u>	<u>Wet</u>
1	0.76	0.64
2	0.75	0.63
3	0.79	0.65
4	0.78	0.69
5	0.76	0.70
6	0.77	0.72
7	0.76	0.73
8	0.83	0.69
9	0.78	0.71
10	0.83	0.70
11	0.78	0.79
12	0.81	0.78
Average	0.78	0.70

Respectfully submitted,
SOTTER ENGINEERING CORPORATION



J. George Sotter, P.E., Ph.D.
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