

PRODUCT TESTING SERVICE

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

TCNA TEST REPORT NUMBER: TCNA-104-12

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TEST SUBJECT MATERIAL:	Identified by client as: Non Abrasive Antislip Glass Mosaic Tiles				
TEST DATE:	3/14/12				
TEST PROCEDURE:	ASTM C1028: "Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method" -A Chatillon DFIS 100 digital force gauge was used to				
	measure each pull in pounds-force. -A 3 x 3 x 1/8-inch piece of Neolite was used as the sensor.				
TEST RESULTS:	The average static coefficient of friction of four (4) pulls o each tile was as follows:				
		As Received	After Cleaning		
	Tile 1				
	Dry	0.84	0.83		
	Wet	0.66	0.66		
	<u>Tile 2</u>				
	Dry	0.83	<u>0.81</u>		
	Wet	0.66	0.65		
	<u>Tile 3</u>			- -	
	Drv	0.83	0.83		

The average static coefficient of friction of twelve (12) pulls was as follows:

0.66

	As Received	After Cleaning
Dry	<u>0.83</u>	0.82
Wet	0.66	0.66

0.67

Katelyn Simpson Laboratory Manager

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Wet

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TCNA TEST REPORT NUMBER: TCNA-104-12

PAGE: 1 **OF** 1

TEST SUBJECT MATERIAL:

Identified by client as: Non Abrasive Antislip Glass Mosaic Tiles

TEST DATE:

3/15/2012

TEST PROCEDURE:

BOT 3000 "Dynamic Coefficient of Friction (DCOF)" -Three (3) pieces of tile were tested in all four directions. -The SBR sensor was verified using a standard tile prior to testing.

-Testing was done in the wet condition using 0.05% SLS water.

-Testing was conducted in a laboratory at approximately 70 °F and 50% relative humidity using a calibrated BOT 3000 device.

TEST RESULTS: The individual and average DCOF data for each tile was as follows:

Tile 1		T	Tile 3		
Direction 1	0.60	Direction 1	0.61		
Direction 2	0.58	Direction 2	0.61		
Direction 3	0.56	Direction 3	0.62		
Direction 4	0.59	Direction 4	0.63		
Average	0.58	Average	0.62		
Tile	2				
Direction 1	0.62				
Direction 2	0.63				
Direction 3	0.59				
Direction 4	0.60				
Average	0.59				

Laboratory Manager

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