

# **ABIC TESTING LABORATORIES, INC.**

24 Spielman Road  
Fairfield, NJ 07004

973-227-7060  
Fax: 973-227-0172

To: Trusty-Step International  
Mr. Stan Handman

August 6, 2003

From: Leonard Mackowiak

Subject : Static Coefficient Of Friction Testing  
Project No. 5215-01

## **Introduction**

ABIC Testing Laboratories, Inc. was authorized to test the following client submitted ceramic tile samples for static coefficient of friction (SCOF). The static coefficient of friction values were determined as specified in ASTM C 1028. Testing was conducted using dry and wet neolite. All tiles were tested as received.

- Ceramic Tiles, not treated
- Ceramic Tiles treated with No. 1001 Trusty-Step Anti-Slip Floor & Bathtub Treatment

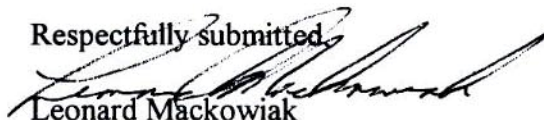
## **Results**

<u>Tile Identification</u>	<u>Static Coefficient Of Friction Values (SCOF)</u>		<u>Average</u>	
	<u>Dry</u>	<u>Wet</u>	<u>Dry</u>	<u>Wet</u>
Ceramic Tiles, not treated	0.79, 0.77, 0.75, 0.75 0.74, 0.78, 0.75, 0.75 0.78, 0.76, 0.76, 0.76	0.53, 0.50, 0.48, 0.51 0.54, 0.53, 0.49, 0.48 0.51, 0.50, 0.49, 0.53	0.8	0.5
Ceramic Tiles, treated with No. 1001 Trusty-Step Anti-Slip Floor & Bathtub Treatment	0.79, 0.76, 0.78, 0.75 0.75, 0.76, 0.76, 0.75 0.75, 0.75, 0.75, 0.76	0.78, 0.79, 0.78, 0.78 0.78, 0.76, 0.79, 0.77 0.78, 0.78, 0.79, 0.76	0.8	0.8

## **Discussion**

The Ceramic Tile Institute requires ceramic tiles to have a minimum SCOF of 0.6 when tested dry or wet according to ASTM C 1028 to be considered slip resistant. The ceramic tiles treated with No. 1001 Trusty-Step Anti-Slip Floor & Bathtub Treatment meet this requirement when tested dry and wet. Untreated ceramic tiles only meet this requirement when tested dry.

Respectfully submitted



Leonard Mackowiak

Vice President

**Division of ABIC INTERNATIONAL CONSULTANTS, INC.**