



Tile Council of America, Inc.

100 Clemson Research Blvd.

# PRODUCT TESTING SERVICE

Anderson, SC 29625 • Tel (864) 646-TILE • Fax (864) 646-2821

TCA TEST REPORT NUMBER:

TCA-190-03

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TEST REQUESTED BY:

Quarry Tile Company  
Attn: Rebecca B. Lee  
National Sales/Marketing Director  
6328 E. Utah Avenue  
Spokane, WA 99212

TEST SUBJECT MATERIAL:

Identified by client as: 6 x 6 Cinnamon #60 abrasive

TEST DATE:

08/25/03-08/26/03

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.

-Internal calibration used in lieu of dry calibration factor.


TEST RESULTS:

The average static coefficient of friction of four (4) pulls on each tile was as follows:

|                     | <u>As Received</u> | <u>After Cleaning</u> |
|---------------------|--------------------|-----------------------|
| Tile 1: <u>Dry:</u> | <u>0.96</u>        | <u>1.00</u>           |
| <u>Wet:</u>         | <u>0.67</u>        | <u>0.66</u>           |
| Tile 2: <u>Dry:</u> | <u>0.99</u>        | <u>1.03</u>           |
| <u>Wet:</u>         | <u>0.66</u>        | <u>0.66</u>           |
| Tile 3: <u>Dry:</u> | <u>0.99</u>        | <u>1.05</u>           |
| <u>Wet:</u>         | <u>0.76</u>        | <u>0.70</u>           |

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

|             |             |             |
|-------------|-------------|-------------|
| <u>Dry:</u> | <u>0.98</u> | <u>1.02</u> |
| <u>Wet:</u> | <u>0.70</u> | <u>0.67</u> |

  
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Noah Chitty  
Laboratory Manager

8/27/03  
Date