



# PRODUCT TESTING SERVICE

100 Clemson Research Blvd. Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2821  
TCNA TEST REPORT NUMBER: TCNA-053-08 PAGE: 1 OF 1

**TEST REQUESTED BY:** Florim Ceramiche SpA  
Attn: Allesandro Villa  
Via Canaletto 24  
41042 Fiorano (Mo)  
Italy

**TEST SUBJECT MATERIAL:** Identified by client as: Architech Pumice Matt 24 x 24 #721157

**TEST DATE:** 2/21/08

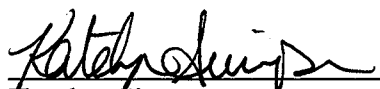
**TEST PROCEDURE:** ASTM C1028: "Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method"  
-A Chatillon DFIS 100 digital force gauge was used to measure each pull in pounds-force.  
-A 3 x 3 x 1/8-inch piece of Neolite was used as the sensor.

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

	<u>As Received</u>	<u>After Cleaning</u>
Tile 1: <u>Dry:</u>	<u>0.77</u>	<u>0.79</u>
<u>Wet:</u>	<u>0.67</u>	<u>0.67</u>
Tile 2: <u>Dry:</u>	<u>0.78</u>	<u>0.78</u>
<u>Wet:</u>	<u>0.67</u>	<u>0.66</u>
Tile 3: <u>Dry:</u>	<u>0.78</u>	<u>0.79</u>
<u>Wet:</u>	<u>0.67</u>	<u>0.67</u>

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

<u>Dry:</u>	<u>0.78</u>	<u>0.79</u>
<u>Wet:</u>	<u>0.67</u>	<u>0.67</u>

  
Katelyn Simpson  
Laboratory Engineer

3/7/08  
Date



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Attn: Allesandro Villa  
Via Canaletto 24  
41042 Fiorano (Mo)  
Italy

**TEST SUBJECT MATERIAL:** Identified by client as: Architech Forest Bushammered 24 x 24  
#721174

**TEST DATE:** 2/21/08

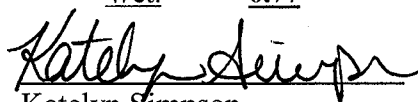
**TEST PROCEDURE:** ASTM C1028: "Standard Test Method for Determining the Static Coefficient of Friction of Ceramic Tile and Other Like Surfaces by the Horizontal Dynamometer Pull-Meter Method"  
-A Chatillon DFIS 100 digital force gauge was used to measure each pull in pounds-force.  
-A 3 x 3 x 1/8-inch piece of Neolite was used as the sensor.

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

	<u>As Received</u>	<u>After Cleaning</u>
Tile 1: <u>Dry:</u>	<u>0.90</u>	<u>0.91</u>
<u>Wet:</u>	<u>0.78</u>	<u>0.77</u>
Tile 2: <u>Dry:</u>	<u>0.92</u>	<u>0.94</u>
<u>Wet:</u>	<u>0.76</u>	<u>0.76</u>
Tile 3: <u>Dry:</u>	<u>0.93</u>	<u>0.92</u>
<u>Wet:</u>	<u>0.76</u>	<u>0.75</u>

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

<u>Dry:</u>	<u>0.92</u>	<u>0.93</u>
<u>Wet:</u>	<u>0.77</u>	<u>0.76</u>

  
Katelyn Simpson

Laboratory Engineer

3/7/08  
Date