



PRODUCT TESTING SERVICE

100 Clemson Research Blvd. Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2821

TCNA TEST REPORT NUMBER:

TCNA-551-14

PAGE: 1 OF 2

TEST REQUESTED BY:

Arto Brick California Pavers

TEST METHOD: ASTM C1027-09: "Standard Test Method for Determining Visible Abrasion Resistance of Glazed Ceramic Tile"

Informal Test Method Description: This test method is designed to measure the resistance of tile surfaces to visible surface abrasion. Certain irregular surfaces may not be evaluated properly by this test method because of wear patterns. The abrasion resistance of tile surfaces is determined by rotation of an abrasive load on the surface and the assessment of the resultant wear by means of visual comparison of the abraded test specimens and non-abraded tiles.

This summary is provided for the reader's convenience and is not a complete description of the method. See ASTM C1027 for all method details and information.

TEST SUBJECT MATERIAL:

Identified by client as: "Oleson Persian Blue (OPB 1-16)"

Approximate Size as Received: 4" x 4"

TEST DATE:

9/24/2014 - 9/25/2014

TEST PROCEDURE:

- Sample prep: None
- A Gabbrielli Abrasimeter W1 was used to abrade the tile.
- 10% Hydrochloric acid was used to remove any metal oxide staining.

TEST RESULTS:

There was apparent visual difference in gloss or color after **600** revolutions when viewed in the viewing box by more than one technician. Thus, in accordance with the test procedure, the subject tile is given a **Class 2** rating.

COMMENTS: None

Katelyn Simpson
Laboratory Manager

9/29/2014

Testing Services: testing@tileusa.com Literature Orders: literature@tileusa.com Web Site: www.tileusa.com

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ANSI SPECIFICATIONS*:

ANSI standard	Class	Maximum Recommended Use
ANSI A137.1/A137.2	Class 0	Not Recommended for Floors
ANSI A137.1/A137.2	Class 1	Light Residential
ANSI A137.1/A137.2	Class 2	Residential
ANSI A137.1/A137.2	Class 3	Heavy Residential or Light Commercial
ANSI A137.1/A137.2	Class 4	Commercial
ANSI A137.1/A137.2	Class 5	Heavy Commercial

*For more detailed information, refer to ANSI A137.1 Specifications for Ceramic Tile or ANSI A137.2 Specifications for Glass Tile

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