



PRODUCT TESTING SERVICE

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

July 31, 2014

Nue Tile LLC
Attn: Joe D'Agostino
1148 Meadow Lane
Grand Island, NY 14072

Dear Mr. D'Agostino,

Tile Council of North America has tested the samples you submitted. Test report TCNA-304-14 is enclosed. If you have any questions or concerns, please contact us.

Best Regards,

TILE COUNCIL OF NORTH AMERICA, INC.

Katelyn Simpson
Laboratory Manager
Enclosures



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TCNA TEST REPORT NUMBER: TCNA-304-14 PAGE: 1 OF 1

TEST REQUESTED BY: Nue Tile LLC

TEST METHOD: ANSI A118.12 "Specification for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation" Section 5.4 "System Crack Resistance"

TEST SUBJECT MATERIAL: Identified by client as: "Tile Release System"
Description of sample received: Sheet membrane

TEST DATE: 7/28/2014 – 7/30/2014

TEST PROCEDURE:

All specimens were set up and tested according to the method specified in ANSI A118.12 Section 5.4.

The release spray adhesive was applied to the faces of two 10 x 8 x 2-inch concrete blocks, butted and strapped together to form a 20 x 8 x 2 unit, per the client's instructions. The spray adhesive was allowed to become tacky (approximately 30 minutes) before applying the Nue Tile membrane per the manufacturer's directions. A specific pattern of 4 x 8 x 1/2-inch quarry tiles (detailed by the method) was bonded to the membrane with Custom Prolite® Tile & Stone Mortar using a 1/4" x 3/8" Square-notch trowel. The system was allowed to cure for 24 hours before grouting with Custom Polyblend Sanded grout. The blocks were cured for an additional 28 days.

TEST RESULTS:

| Test Designation | Test Description | Evaluation | ANSI Specification |
|------------------|------------------------------|---|---|
| 5.4 | System Crack Resistance Test | | |
| | Specimen 1 | The specimen reached a gap opening of greater than 1/8" without tile failure. | Standard performance: Tile failure occurs after 1/16" specimen gap opening, but before 1/8" gap opening. High performance: Tile failure does not occur by 1/8" specimen gap opening. |
| | Specimen 2 | The specimen reached a gap opening of greater than 1/8" without tile failure. | Standard performance: Tile failure occurs after 1/16" specimen gap opening, but before 1/8" gap opening. High performance: Tile failure does not occur by 1/8" specimen gap opening. |
| | Specimen 3 | The specimen reached a gap opening of greater than 1/8" without tile failure. | Standard performance: Tile failure occurs after 1/16" specimen gap opening, but before 1/8" gap opening. High performance: Tile failure does not occur by 1/8" specimen gap opening. |

COMMENTS: The client requested that the specimens be tested to a gap opening of 9/64". There was no tile failure observed at the gap opening of 9/64".

Katelyn Simpson
Laboratory Manager

7/31/2014

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

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