



## PRODUCT TESTING SERVICE

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

August 31, 2016

Personal Factory SPA  
Maria Grazia Spagnolo  
Viale F. Ceniti  
Simbario, Vibo Valentia 89822  
Italy

Dear Maria Grazia Spagnolo,

Tile Council of North America has tested the samples you submitted. Test report TCNA-522-16 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-522-16

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TEST REQUESTED BY:

Personal Factory SPA

TEST METHOD:

ANSI A118.4 Specifications for Modified Dry-Set Cement Mortar, Section 7.1.2 Seven day glazed wall tile shear strength, Section 7.2.3 Seven day porcelain mosaic shear strength, and Section 7.3.2 Four week quarry tile shear strength\*

This specification describes test methods and minimum requirements for modified cement mortars.

TEST SUBJECT MATERIAL:

Identified by client as: "ISOLCOLL US20"

TEST DATE:

7/21/2016 – 8/29/2016

TEST PROCEDURE NOTES:

- Sample prep: The mortar was mixed at a liquid to powder ratio of 24:100 parts by weight per the client's instruction
- All samples were set up and cured according to ANSI A118.4, section 7.1.2, 7.2.3, and 7.3.2.

TEST RESULTS:

| Test Designation                    | Test Description | Evaluation | ANSI Specification   |
|-------------------------------------|------------------|------------|----------------------|
| <b>Glazed Wall Tile Shear Bonds</b> |                  |            |                      |
| 7.1.2                               | 7-day shears     | 366 PSI    | > 300 PSI (2.07 MPa) |
| <b>Porcelain Mosaic Shear Bonds</b> |                  |            |                      |
| 7.2.3                               | 7-day shears     | 252 PSI    | > 200 PSI (1.38 MPa) |
| <b>Quarry Tile Shear Bonds</b>      |                  |            |                      |
| 7.3.2                               | 28-day shears    | 221 PSI    | > 150 PSI (1.03 MPa) |

\*COMMENTS: The client requested that only section 7.1.2, 7.2.3, and 7.3.2 be performed on the material submitted.



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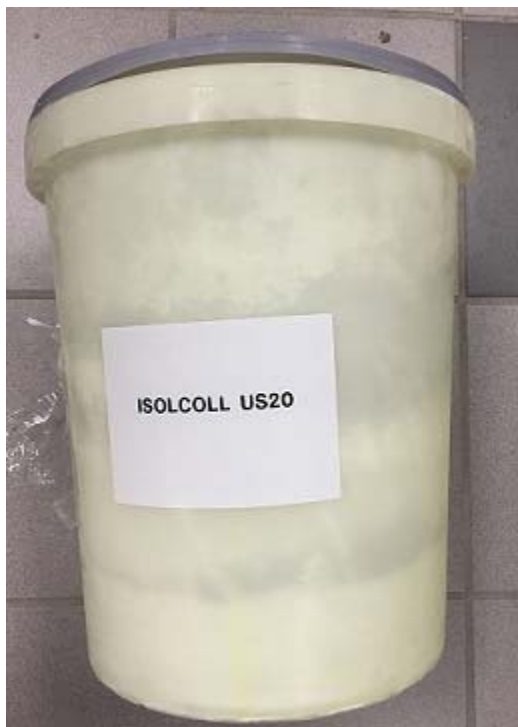
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IMAGE OF PRODUCT TESTED:



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Katelyn Simpson  
Laboratory Manager

8/31/2016