



## DIMENSION STONE TESTING — ORDER FORM

Please include this completed form with your materials. This form is required to initiate testing. Please send materials to be tested to the above address to the attention of "TCNA Testing Lab."

**CONTACT**  **DATE**

**COMPANY**

**ADDRESS (reports mailed to<sup>1</sup>)**

**CITY**  **STATE / PROVINCE**

**POSTAL CODE**  **COUNTRY**

**PHONE**  **FAX**

**EMAIL**

**PRODUCT COLOR**  **PRODUCT LOT NUMBER (if available)**

**SAMPLE ID (name of tested material to appear in report)**

**ADDITIONAL COMMENTS (if needed)**

### PLEASE SELECT AN ORDER PROCESSING OPTION

If no option is checked, the order will be processed according to the regular turn-around option. Expedited testing is offered on a time-available basis.

- Regular Turn-Around
- Start within 3-5 business days (50% surcharge)
- Start within 24 business hours (100% surcharge)

**NOTE: Samples are discarded upon completion of testing. If you would like the samples returned, please note that in the comments section above. Client is responsible for all shipping charges.**

**An SDS is required for all materials submitted to the lab for testing. Testing will not begin until the SDS sheet is provided.**

<sup>1</sup>TCNA test reports are sent electronically to the email address indicated on this form. A hard copy is only provided upon request for an additional charge of USD 20.00 (postage included for mailing within the US only). Requests for changes to previous reports or requests for additional hard copies of a test report will be billed at USD 30.00 per report.

<input type="checkbox"/>	ASTM C97	<b>Water Absorption and Bulk Specific Gravity/ Density</b>	5 stone specimens - 3" cubes	USD 275.00
<input type="checkbox"/>	ASTM C99	<b>Modulus of Rupture</b>	20 stone specimens - 4" x 8" x 2¼" - 10 cut with the top and bottom plane perpendicular to the rift and 10 cut with the top and bottom plane parallel to the rift. Please mark the rift direction on each specimen. If there is no rift direction, only 10 stone specimens are required.	USD 700.00 20 specimens OR USD 400.00 10 specimens
<input type="checkbox"/>	ASTM C170*	<b>Compressive Strength</b>	20 stone specimens - 3" cubes with 2 opposite faces parallel to the bedding or rift. Please mark the rift direction on each specimen. If there is no rift direction, only 10 stone specimens are required.	USD 900.00 10 or 20 specimens
<input type="checkbox"/>	ASTM C482 (Modified)	<b>Bond Strength</b> Tiles are bonded to a concrete substrate (or other substrate if specified by client) with thin-set mortar or	4 tiles per cure parameter – whole tiles The client is responsible for sending or specifying what thin-set or adhesive to use. If TCNA purchases materials locally, the cost will be re-billed to the client. Please specify the thin-set or adhesive and curing time in the comments section on page 1 of this form.	USD 225.00
<input type="checkbox"/>	ASTM C485, ASTM C499, and ASTM C502	<b>Warpage, Facial and Thickness Dimensions, and Wedging</b>	10 whole tiles – For tiles with any side larger than 24" contact TCNA Lab for quotation. Please provide work size and thickness. Also, please provide the nominal size.	USD 750.00
<input type="checkbox"/>	ASTM C627	<b>Robinson Floor</b>	16 sq. ft./all materials, except substrate – Please contact TCNA Lab for the additional form required for this test.	USD 1,750.00
<input type="checkbox"/>	ASTM C650	<b>Chemical Resistance</b>	15 tiles – 2" x 2"	USD 300.00
<input type="checkbox"/>	ASTM C666	<b>High Cycle Freeze / Thaw Resistance (300 cycles)</b>	Contact TCNA Lab for testing procedure and quotation.	USD 1,400.00
<input type="checkbox"/>	ASTM C880	<b>Flexural Strength</b>	20 stone specimens – 15" x 4" x 1¼" with 10 cut with the top and bottom planes parallel to the rift and 10 cut with the top and bottom planes perpendicular to the rift. Please mark the rift direction on each specimen. If there is no rift direction, only 10 stone specimens are required.	USD 700.00 20 specimens OR USD 400.00 10 specimens
<input type="checkbox"/>	ASTM C1028 (with-drawn ASTM method—available for comparison to historical data)	<b>Static Coefficient of Friction (wet-dry)</b>	3 stone tiles – 6" x 6" or larger	USD 350.00
<input type="checkbox"/>	ASTM C1353	<b>Abrasion Resistance</b>	3 stone specimens - 4" x 4" x approximately ½" thick	USD 450.00
<input type="checkbox"/>	ASTM C1243	<b>Deep Abrasion</b>	5 tiles – 4" x 4"	USD 250.00
<input type="checkbox"/>	ASTM C1378	<b>Staining Resistance</b>	4 tiles – 2" x 2" and 2 tiles – 4" x 4"	USD 225.00
<input type="checkbox"/>	ASTM C1721*	<b>Petrographic Analysis of Dimension Stone</b>	1 stone specimen – Contact TCNA Lab for quotation.	Contact TCNA Lab for quote
<input type="checkbox"/>	ASTM C1895	<b>Mohs Scratch Hardness</b>	3 stone specimens – 6" x 6"	USD 125.00
<input type="checkbox"/>	ANSI A326.3	<b>Dynamic Coefficient of Friction (DCOF-wet only)</b>	3 tiles – 10" x 10" or larger	USD 250.00
<input type="checkbox"/>	EN 14617-12	<b>Dimensional Stability Test for Moisture Sensitivity of Stone</b>	3 stone specimens – 12" x 12" – Test runs continuously for 6 hours. Contact TCNA Lab if a longer timeframe is desired.	USD 450.00 up to 24 hours USD 75.00 each additional day

\*Tests marked with one asterisk may be outsourced to another laboratory. Please contact TCNA Lab for further information.



**PRODUCT PERFORMANCE TESTING LABORATORY**

100 Clemson Research Blvd., Anderson, SC 29625

**Phone** 864.646.8453 **Fax** 864.646.2821

**Email** testing@tcnatile.com **Web** www.TCNAtile.com

**PAYMENT INFORMATION**

Payment is required in advance unless prior arrangements have been made.  
For wire transfers, please contact TCNA for bank information.

**PLEASE SELECT A PAYMENT METHOD**

**Check Enclosed**

**Credit Card**

**CARD TYPE**

**MASTERCARD**

**VISA**

**AMERICAN EXPRESS**

CARD #

EXP. DATE

CARDHOLDER'S NAME

SIGNATURE

AMOUNT

**Ship Materials To:**

**Tile Council of North America  
Attn: Laboratory  
100 Clemson Research Blvd.  
Anderson, SC 29625  
USA**