



PRODUCT TESTING SERVICES

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

TCNA TEST REPORT NUMBER: TCNA-186-10

PAGE: 1 OF 3

TEST REQUESTED BY: Technistone, a.s.
Attn: Jiri Ludvik/Petra Duskova
Bratri Stefanu 1070
500 03 Hradec Kralove
Czech Republic

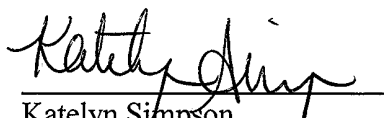
TEST SUBJECT MATERIAL: Identified by client as: Technistone Engineered Stone


TEST DATE: 5/28/10-6/11/10

TEST PROCEDURE: California Specification 01350: "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers"
-Testing was performed by Research Triangle Park Laboratories in Raleigh, NC
-ASTM D5116 small chamber test procedure was followed
-Test specimen underwent a 10-day conditioning period, followed by a 96-hour test as outlined in CA 01350
-Limit of quantitation (LOQ) used was 0.003 mg/m³

TEST RESULTS:
-Detectable amounts of VOCs found: **0.0 mg/m³**
-There are no individual VOC concentration levels to report because the total level of measured VOCs was zero.
-Chamber and sample conditions are outlined on page 2.
-Chain of Custody (COC) form is on page 3.

REQUIREMENTS: CA 01350 states that "each individual building product is allowed to contribute no more than one-half the lowest concentration of interest in a building," or one-half of the corresponding chronic referenced exposure level (outlined in table 7.3 of CA 01350) for each VOC concentration of interest.


Katelyn Simpson
Laboratory Manager


Date

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

This report is confidential and has been prepared for the exclusive use of the client. It is not an endorsement, approval, certification, or criticism of any product by TCNA. This report shall not be published in any form without prior written consent of TCNA.



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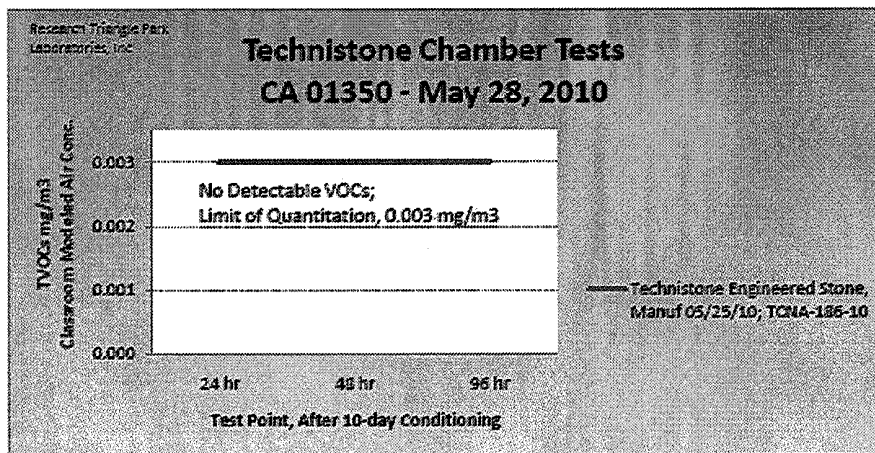
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TEST SUBJECT MATERIAL: Identified by client as: Technistone Engineered Stone

TEST RESULTS:

No Detectable amounts of VOCs were found at the limit of quantitation (LOQ) of 0.003 mg/m³ modeled classroom air concentration



Standard Classroom Model Parameters:

Room Dimensions: 40 ft length x 24 ft wide x 8.5 ft ht
Room Volume: 231 m³
Ventilation Rate: 0.90 air changes per hour
Net Floor Surface: 89.2 m²

Chamber and Sample Conditions:

Chamber Volume: 50 Liters
Temperature: 20-25 C; Relative Humidity: 45-55 %
Air Exchange Rate: 1 per hour (0.833L/min = 50 liters)
Sample Surface Area: 0.0232 m²
Sample Loading Factor: 0.5 m²/m³

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6/17/10
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PAGE: 3 OF 3

TEST SUBJECT MATERIAL: Technistone Engineered Stone



Chain of Custody Form

For Testing of Product/Material per CA DHS Section 01350

Please fill out a separate chain of custody form for each product tested

Section A	
General Information (Section A)	
Manufacturer Name: <u>TECHNISTONE, S.S.</u>	
Street Address: <u>BRATEJ STEFANA 1070</u>	
City/State: <u>HIRADEZ ROMANIA</u>	
Zip/Postal Code: <u>500 03</u>	
Country: <u>ROMANIA</u>	
Contact Name: <u>MRI LUDWIK / REBEA DUCROVA</u>	
Contact Title: <u>MRI / NRE</u>	
Phone/Fax Numbers: <u>+40 381 46 300 / +40 381 46 352</u>	
Email Address: <u>LUDWIK@TECHNISTONE.RO / DUCROVA@TECHNISTONE.RO</u>	
Section B	
Sampling Information (Section B)	
Product Name: <u>TECHNISTONE ENGINEERED STONE</u>	
Manufacturer Product ID #: <u>189L</u>	
Sample ID # (Same as TCNA Test Report #):	
Product Category: <u>FLOORING</u>	
Product Subcategory: <u>CERAMIC TILE</u>	
Date Manufactured: <u>5-6-2010</u>	
Plant Name and Location: <u>TECHNISTONE, ROMANIA</u>	
Date and Time Sample Collected from Plant: <u>10-5-2010 / 10-30</u>	
Collection Location within Plant: <u>FINAL LINE NO. 1</u>	
Number of Sample Pieces Collected (Attach Photos): <u>2</u>	
Sample Collected by: <u>MRI DUCROVA</u>	Signature: <u>[Signature]</u>
Sample Packaged and Shipped to TCNA by: <u>MRI DUCROVA</u>	Signature: <u>[Signature]</u>
Shipping Date: <u>10-5-2010</u>	
Carrier/Airbill Number: <u>FEDEX</u>	
Section C	
TCNA Receipt Information (Section C)	
Arrival to: <u>Tile Council of North America, Inc.</u>	
<u>100 Clemson Research Boulevard</u>	
<u>Anderson, SC 29625</u>	
Receipt Date: <u>5/17/10</u>	
Received By: <u>Nash Mc Lane</u>	Signature: <u>[Signature]</u>
Logged into TCNA Database by: <u>Katelyn Simpson</u>	
TCNA Test Report #: <u>TCNA-186-10</u>	
Shipment Forwarded to RTP Laboratories by: <u>Nash Mc Lane</u>	Signature: <u>[Signature]</u>
Shipment Date: <u>5/17/10</u>	
Carrier/Airbill Number: <u>12 960 7360 01 581 3302</u>	
Section D	
RTP Laboratories Receipt Information (Section D)	
Arrival to: <u>Research Triangle Park Laboratories, Inc.</u>	
<u>7201 ACC Blvd., Suite 104</u>	
<u>Raleigh, NC 27617</u>	
Receipt Date: <u>5/20/10</u>	
Received By: <u>Ann Grant</u>	Signature: <u>[Signature]</u>
Condition of Shipping Package: <u>Good but had Styrofoam peanuts</u>	
Condition of Sample: <u>Good wrapped in foil in bag 6" x 3" x 1/2" 3562g</u>	
Laboratory ID #: <u>10-147-01</u>	

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Katelyn Simpson
Laboratory Manager

6/17/10
Date

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Statement of Compliance

Tile Council of North America (TCNA) does hereby acknowledge that an independent evaluation has been conducted on behalf of:

Technistone, a.s.

Hradec Kralove, Czech Republic

for the following product: ***Technistone Engineered Stone***

Report #: TCNA-186-10
Report Date: 17-June-2010

Per testing conducted, this product complies with the tolerable chronic referenced exposure levels for all VOC concentrations outlined in section 7.3 of the specification below:

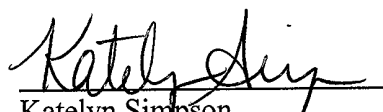
CA/DHS/EHLB/R-74 Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, successor to the small-scale environmental chamber testing portion of California Specification 01350


Products in compliance with the tolerable levels outlined in the specification above can contribute towards achieving the following green building credits:

LEED, IEQ Credit 4.3: Low-Emitting Materials—Flooring Systems

ICC 700-2008, 901.6: Pollutant Source Control—Hard-surface flooring

CHPS, EQ2.2: Low-Emitting Materials


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