GIOVANNI BARBIERI

TRIFACE COLLECTION



TRIFACE COLLECTION

A SIMPLY SQUARED ELEMENT IN DIAGONAL VIEW

OF DIFFERENT LENGTHS ARE OTHERWISE CONNECTED TOGETHER

IN A SOPHISTICATED AND UNIQUE WAY ENHANCING THE WHOLE

BEAUTY OF THE RESULT THANKS TO THIS ESSENTIAL SINGLE DETAIL.

WHEN TRUE SOPHISTICATED SIMPLICITY MAKES ALL THE DIFFERENCE.

ENGINEERED MARBLE THREE DIMENSIONAL TILES

THE ENGINEERED MARBLE CARVED TILES ARE PRODUCED,
THROUGH A LABORATORY TESTED PROCESS, BY RECYCLING
MARBLE DUST FROM THE PRODUCTION WASTE
REFUSE THUS FAITHFULLY REPRODUCING THE TRAVERTINE
AND NATURAL STONE.
SUITABLE FOR ANY INSTALLATION/CLIMATE CONDITION EVEN
WHERE NATURAL STONE IS NOT SUGGESTED.
NO MAINTENANCE. NOT ABSORBENT. LABORATORY TESTED
UNALTERABLE COLOUR FROM UV RADIANT.
THIS PROCESS ALSO HELP TO OBTAIN 3D DRAWINGS THAT
ARE IMPOSSIBLE TO BE PRODUCED IN NATURAL
OR JUST WITH "LUNAR" PRICE.

ENGINEERED MARBLE

LABORATORY TEST CERTIFICATES

BY TILE COUNCIL OF NORTH AMERICA

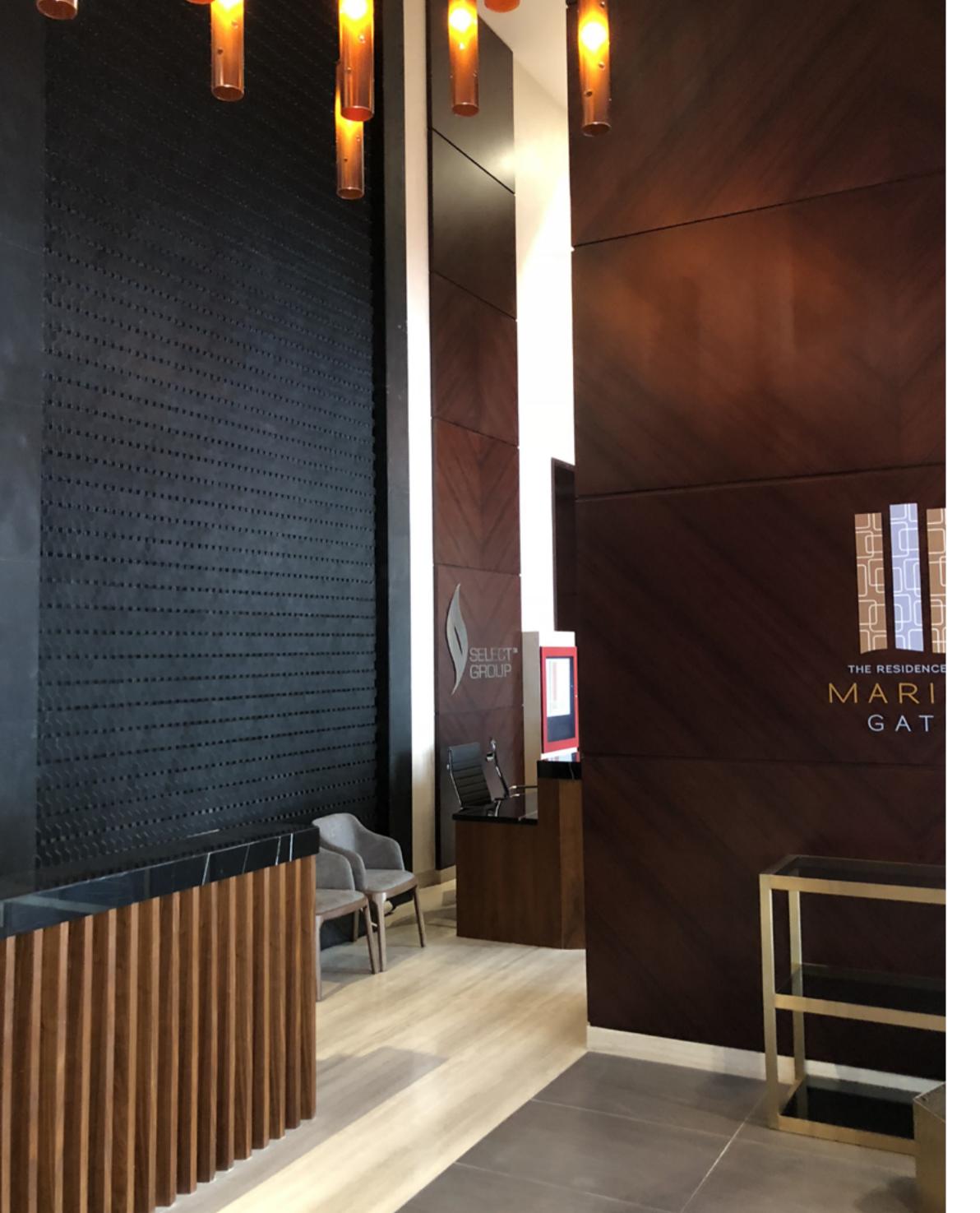
AND SETTING INSTRUCTIONS

ARE AVAILABLE AT END OF THIS BROCHURE.

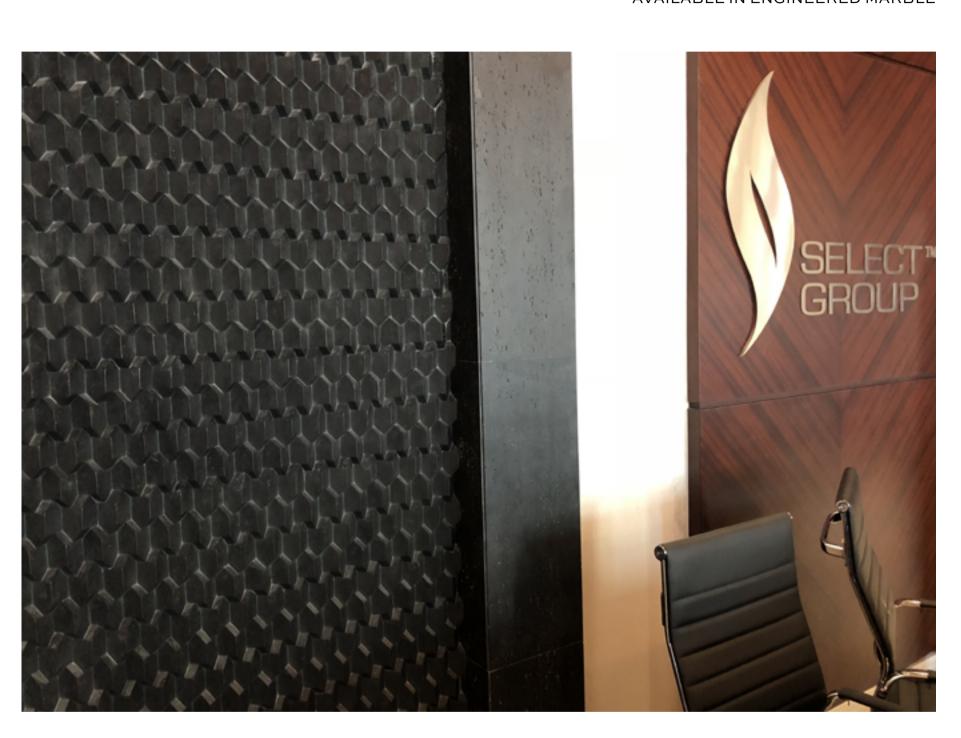




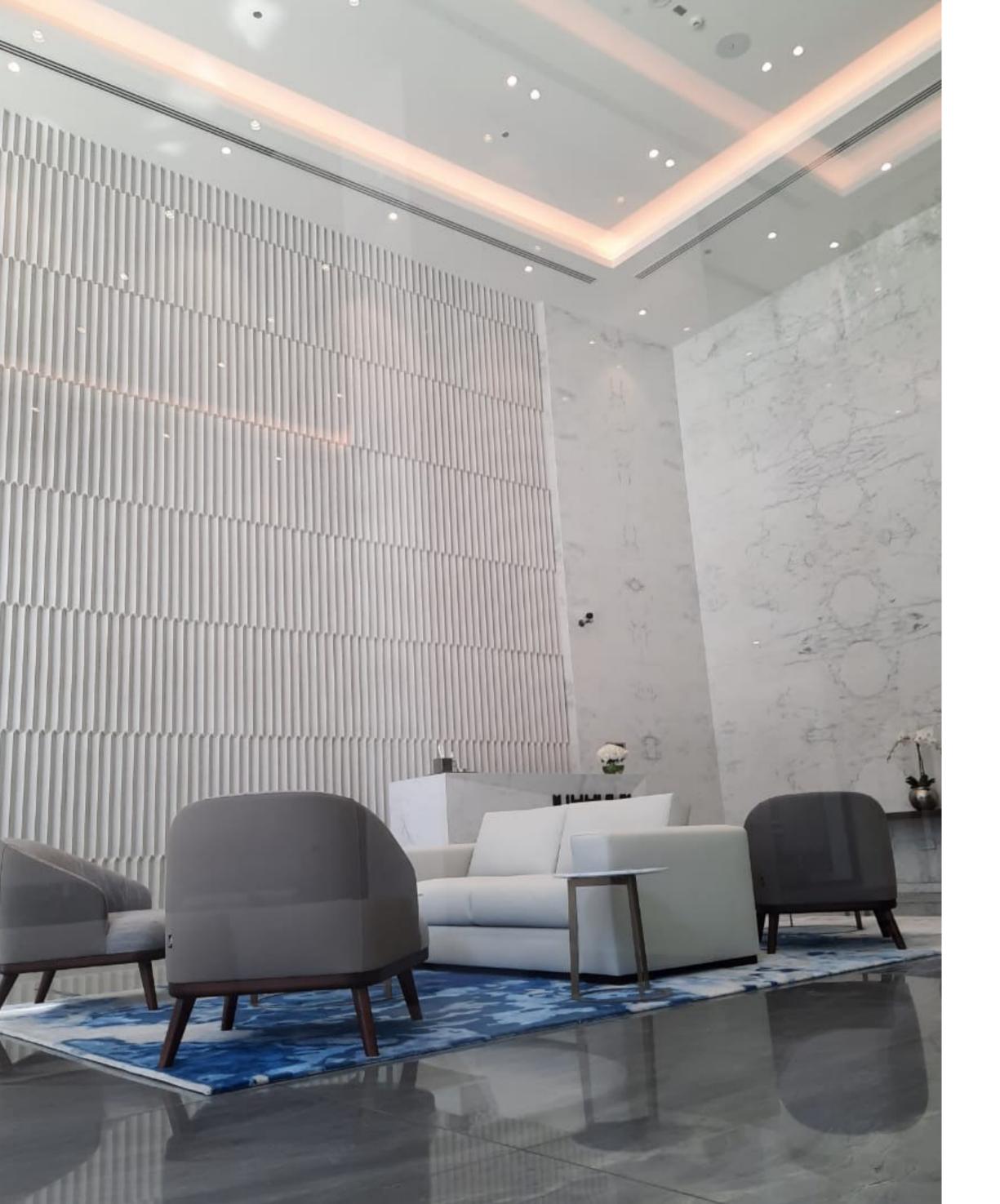
VERTICAL DISPOSAL WITH DIFFERENT LIGHTING ENGINEERED MARBLE PRODUCTION.



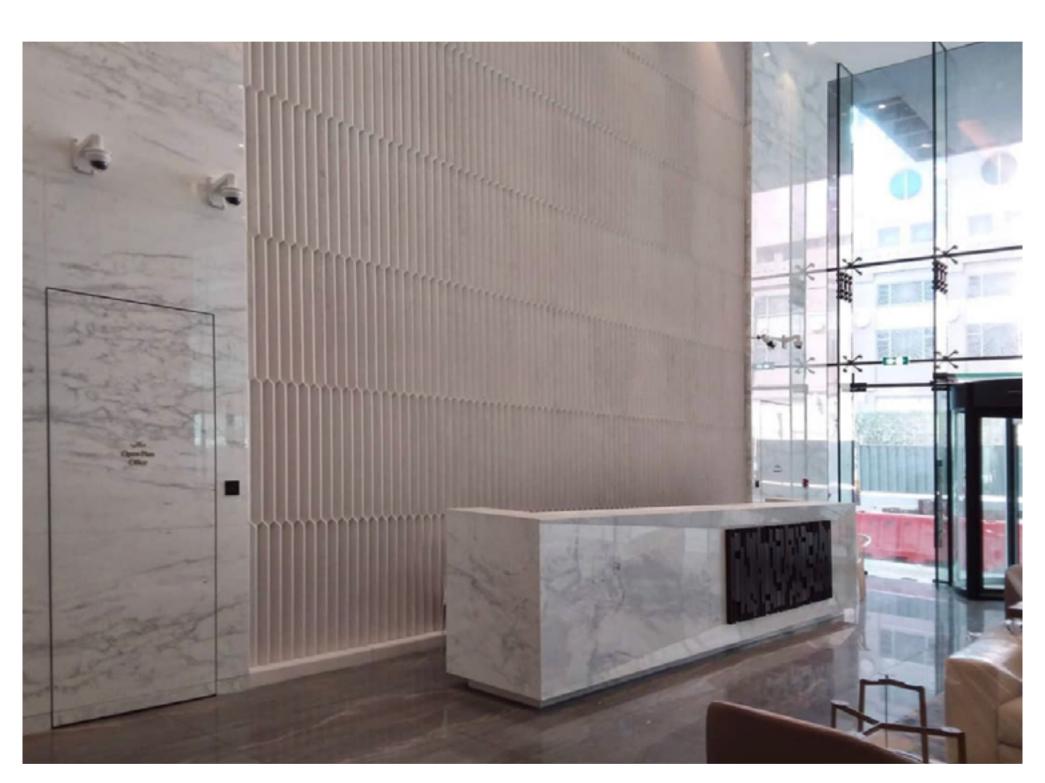
LENGHT 1" 5/8 x DEEP 1" 5/8 FACE WIDTH 1" 5/8
AVAILABLE IN ENGINEERED MARBLE



TRIFACE 3D WALL DESIGN IN BLACK TRAVERTINE VERSION,
INSTALLED ON JUMEIRAH MARINA GATE RESIDENCE, BY SELECT GROUP, DUBAI.
SELECT GROUP WINS FORBES MIDDLE EAST AWARD
AS HONOLIBED IN THE TOP DEVELOPERS CATEGORY FOR THE SECOND YEAR RUNNING



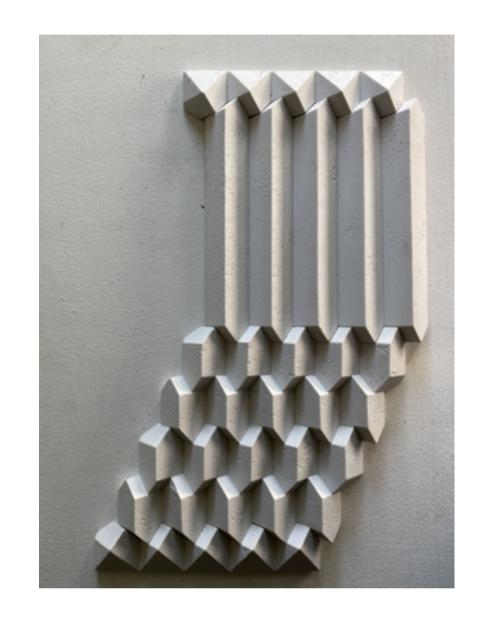
LENGHT 40" DEEP 2" 1/4 x FACE WIDTH 2" 5/8 AVAILABLE IN ENGINEERED MARBLE

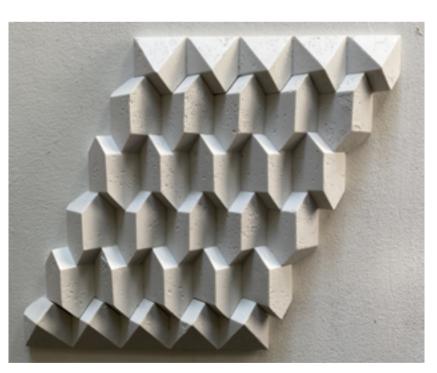


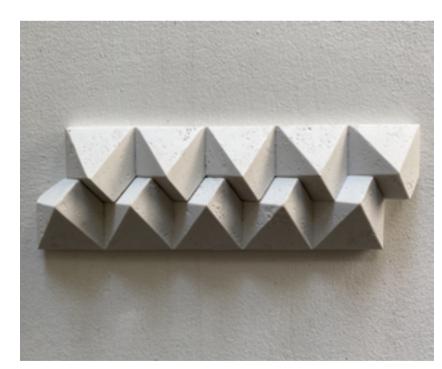
WHITE LIMESTONE VERSION, INSTALLED IN DUBAI JUMEIRAH MARINA GATE RESIDENCE, PAIRED WITH A SPECTACULAR BOOK-MATCH TUSCANY STATUARIO MARBLE SLABS.

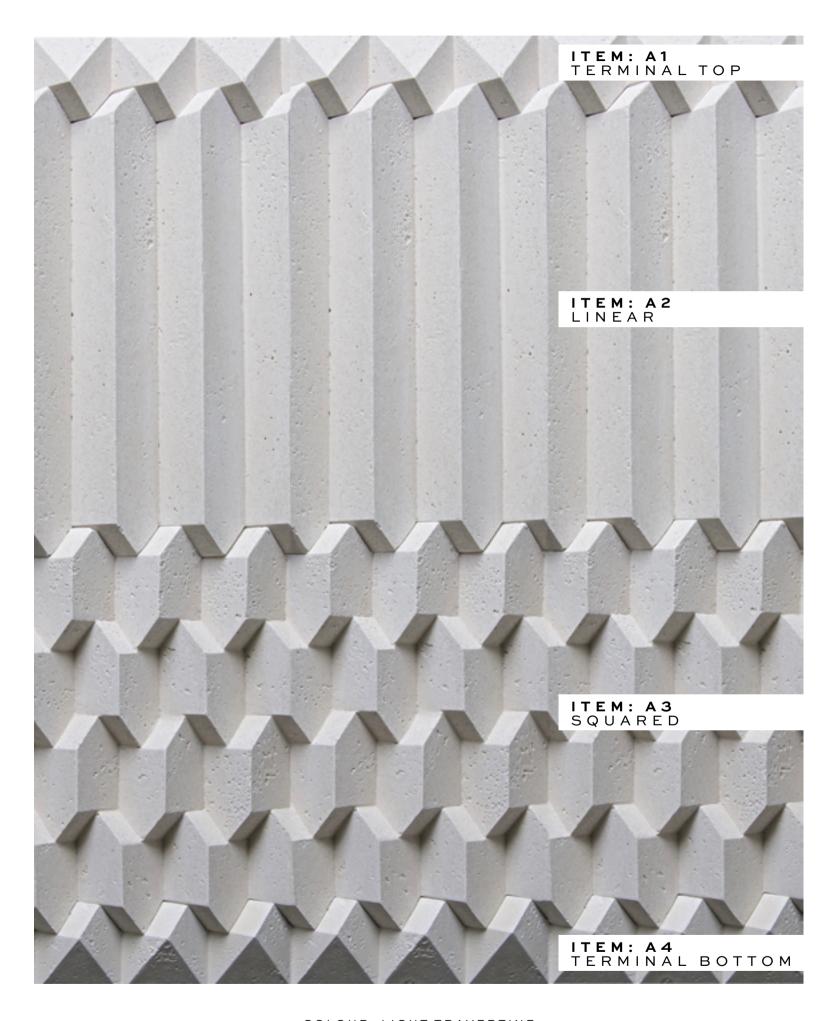
PATTERNS COMBINATION EXAMPLE NO VISIBLE JOINTS







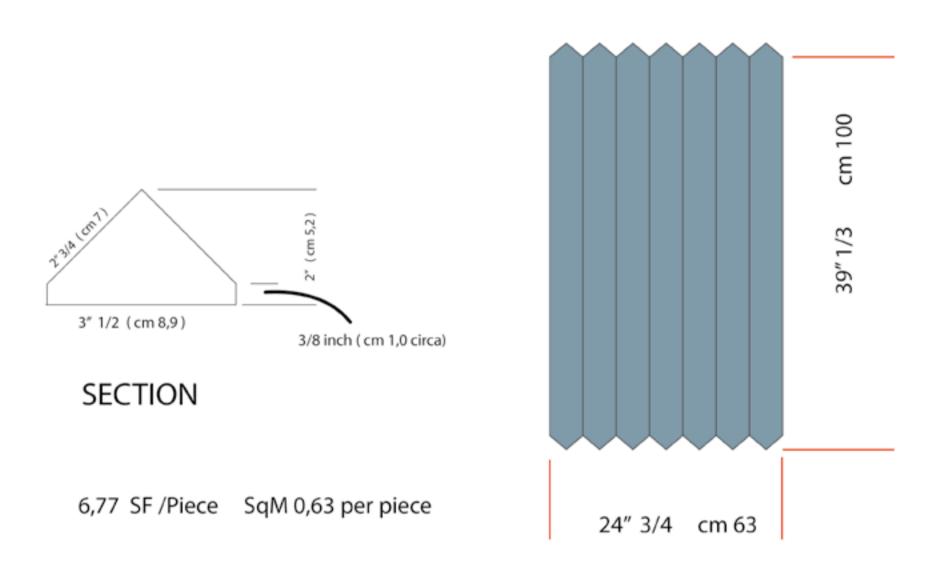




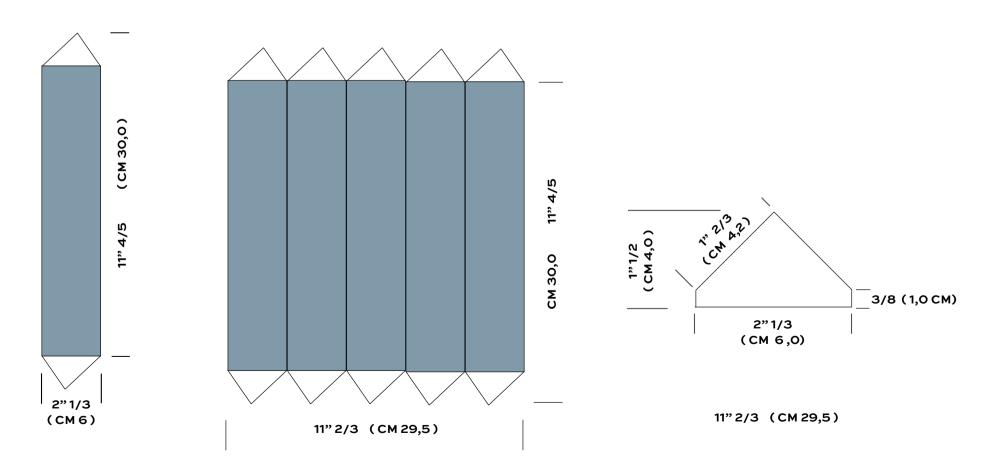
COLOUR: LIGHT TRAVERTINE
THE INTERLOCK SYSTEM, HELPING EASY INSTALLATION AND
HAVE NO VISIBLE JOINTS

WIDE DIMENSIONS

WIDE 39" (100 cm)



L DIMENSIONS



S DIMENSIONS

ENGINEERED MARBLE

6 COLOUR OPTIONS







AVAILABLE IN MOST POPULAR NATURAL STONE BY SPECIAL REQUEST AND 6 ENGINEERED MARBLE

17



PRODUCT TESTING SERVICE

100 Clemson Research Blvd.

Anderson, SC 29625 Tel (864) 646-TILE Fax (864) 646-2821

TCNA TEST REPORT NUMBER:

TCNA-585-14

Petrastone SRL

PAGE: 1 **OF** 2

TEST REQUESTED BY:

TEST METHOD: ASTM C97: "Absorption and Bulk Specific Gravity of Dimension Stone"

Informal Test Method Description: These test methods cover the tests for determining the absorption and bulk specific gravity of all types of dimension stone, except slate. These test methods are useful in indicating the differences in absorption between the various dimension stones. See ASTM C97 for all method details and information.

TEST SUBJECT MATERIAL: Identified by client as: "Petrastone"

Approximate Size as Received: 3"x3"x3"

TEST DATE: 10/13/2014 - 10/15/2014

TEST PROCEDURE:

- Sample prep: None
- The specimens were dried in an oven for 48 hours before a dry weight was recorded for each specimen.
- The specimens were then submerged in water for an additional 48 hours before measuring the saturated and suspended weights.
- The weight percent absorption and the density were then calculated based on the weight measurements made.

TEST RESULTS:

	% Water Absorption	Density (lb/ft ³)
Specimen 1	0.08	114.2
Specimen 2	0.07	109.5
Specimen 3	0.07	118.6
Specimen 4	0.06	119.1
Specimen 5	0.07	117.9
Average:	0.07	115.9

COMMENTS: None

10/31/2014

Laboratory Manager

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

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ENGINEERED MARBLE LABORATORY TEST CERTIFICATES



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TCNA TEST REPORT NUMBER:

TCNA-585-14

PAGE: 2 OF 2

TEST REQUESTED BY:

TEST METHOD:

Petrastone SRL

TEST SUBJECT MATERIAL:

Identified by client as: "Petrastone"

ASTM C97: "Absorption and Bulk Specific Gravity of Dimension Stone"

ASTM SPECIFICATIONS*:

ASTM standard	Stone Type	Specification
ASTM C503	Marble - Calcite	Maximum 0.20% Absorption; Minimum 162 lb/ft3 Density
ASTM C503	Marble – Dolomite	Maximum 0.20% Absorption; Minimum 175 lb/ft3 Density
ASTM C1527	Travertine (Interior or	Maximum 2.5% Absorption; Minimum 144 lb/ft ³ Density
	Exterior)	
ASTM C568	Limestone (Low Density)	Maximum 12.0% Absorption; Minimum 110 lb/ft3 Density
ASTM C568	Limestone (Medium Density)	Maximum 7.5% Absorption; Minimum 135 lb/ft3 Density
ASTM C568	Limestone (High Density)	Maximum 3.0% Absorption; Minimum 160 lb/ft3 Density
ASTM C615	Granite	Maximum 0.40% Absorption; Minimum 160 lb/ft3 Density

^{*}For more detailed information, refer to ASTM C503 Specification for Marble Dimension Stone, ASTM C1527 Specification for Travertine Dimension Stone, ASTM C568 Specification for Limestone Dimension Stone, and ASTM C615 Specification for Granite Dimension Stone

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TCNA TEST REPORT NUMBER:

TCNA-585-14

PAGE: 1 **OF** 2

TEST REQUESTED BY:

Petrastone SRL

TEST METHOD:

ASTM C372: "Standard Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and Fired Ceramic Whiteware Products by

the Dilatometer Method"

This test method covers the determination of the linear thermal expansion of ceramic whiteware products by the thermal dilatometer method. This test method consists of determining the linear thermal expansion of ceramic and glass tile using a dilatometer between the temperatures of 25°C (77°F) and 100°C (212°F).

TEST SUBJECT MATERIAL:

Identified by client as: "Petrastone"

Approximate Size as Received: 6"x6"

TEST DATE:

10/8/2014

TEST PROCEDURE:

- Sample Prep: Sample was cut to approximately 25 mm x 8 mm x 8 mm
- The linear thermal expansion was determined using a Netzsch 402C Dilatometer located at the Bishop Materials Laboratory, Clemson University.
- The temperature range was 25°C 100°C.

TEST RESULTS:

Temperature	Linear Thermal
Range (°C)	Expansion
	(per °C)
25°C to 50°C	19.6084 x 10 ⁻⁶
25°C to 80°C	25.5609 x 10 ⁻⁶
25°C to 100°C	29.7947 x 10 ⁻⁶

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TEST METHOD:

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PAGE: 2 OF 2

TCNA TEST REPORT NUMBER: TCNA-585-14

ASTM C372: "Standard Test Method for Linear Thermal Expansion of Porcelain Enamel and Glaze Frits and

Fired Ceramic Whiteware Products by the Dilatometer Method"

TEST SUBJECT MATERIAL: Identified by client as: "Petrastone"

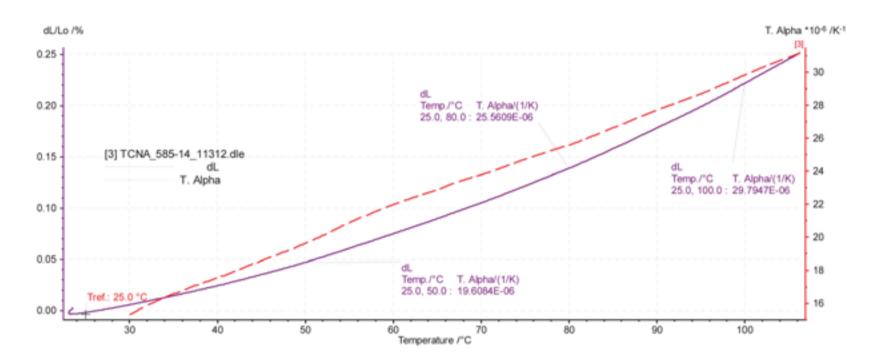


Figure 1: Dilatometer Analysis

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PAGE: 1 **OF** 1 TCNA TEST REPORT NUMBER: TCNA-585-14

TEST REQUESTED BY: Petrastone SRL

TEST METHOD: ASTM C482-02 (2009): "Standard Test Method for Bond Strength of

Ceramic Tile to Portland Cement"

Informal Test Method Description: This test method covers the determination of the ability of glazed ceramic wall tile, ceramic mosaic tile, quarry tile, and pavers to be bonded to portland cement paste. This test method includes both face-mounted and back-mounted tile. This test method consists of bonding tile under controlled conditions to a pure portland cement paste bond coat, supported by a cement mortar bed.

This summary is provided for the reader's convenience and is not a complete description of the method. See ASTM C482 for all method details and information.

TEST SUBJECT MATERIAL: Identified by client as: "Petrastone"

Approximate Size as Received: 4"x4"

TEST DATE: 10/9/2014 - 10/16/2014

TEST PROCEDURE:

- Sample prep: None
- The ASTM C482 test method was modified per the client's request. The client requested to test the bond strength of tile to a concrete substrate using an epoxy.
- Four (4) bond strength specimens were created by securing the tile specimens to $1-\frac{1}{2} \times 7-\frac{3}{8} \times 15-\frac{3}{4}$ -inch concrete blocks with Laticrete Latapoxy 310.
- The specimens were cured for seven (7) days before testing. The specimens were loaded in shear at a rate of 200 psi/min.

TEST RESULTS:

	-	·
Bond Strength (psi)		Mode of Failure
Specimen 1 691 psi Fa		Failure within stone
Specimen 2	1150 psi	Partial block failure; partial stone failure
Specimen 3	eimen 3 758 psi Block failure	
Specimen 4	707 psi	Block failure
Average	827 psi	

*COMMENTS: The ASTM C482 test method was modified per the client's request. The method states to bond the tile to Portland cement mortar block using a Portland cement paste. The modifications are described above.

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TCNA-585-14 **PAGE:** 1 **OF** 1 TCNA TEST REPORT NUMBER:

TEST REQUESTED BY: Petrastone SRL

TEST METHOD: ASTM C666: "Standard Test Method for Resistance of Concrete to Rapid Freezing and Thawing", Procedure A: Rapid Freezing and Thawing in Water

Informal Test Method Description: This test method covers the determination of the resistance of concrete (or other materials) to rapidly repeated cycles of freezing and thawing in water. The test method consists of alternately lowering the temperature of the specimens from 40 to 0°F (4 to -18°C) and raising it from 0 to 40°F (-18 to 4°C) in not less than 2 nor more than 4 hours (not less than 25% of the time is used for thawing). The number of freeze-thaw cycles is recorded and typically after 300 cycles the test load is visually examined for damage, checked for percent weight loss, percent length change, and a durability factor is calculated based on the relative dynamic modulus of elasticity.

This summary is provided for the reader's convenience and is not a complete description of the method. See ASTM C666 for all method details and information.

TEST SUBJECT MATERIAL: Identified by client as: "Petrastone"

Approximate Size as Received: 3" x 3"

TEST DATE: 10/13/2014 - 10/27/2014

TEST PROCEDURE:

- Sample Prep: None
- All testing was performed by The Bishop Material Laboratory of Clemson University.
- The specimens were subjected to fifty (50) cycles of freezing the specimens in water from 40 to 0°F and then thawing the specimens in water from 0 to 40°F per the client's request
- Since only 50 cycles were performed, the relative dynamic modulus of elasticity was not measured. The percent weight change and any visual observations are reported below.

TEST RESULTS:

		Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5	Average
Weight	Initial Weight (grams)	143.4 g	142.3 g	132.5 g	151.0 g	146.3 g	
Change after 300	Final Weight (grams)	143.3 g	142.3 g	132.3 g	150.9 g	146.2 g	
Cycles	Weight Change, %	0.1%	0.0%	0.2%	0.1%	0.1%	0.1%
Visual	Observations	No visual deterioration					

COMMENTS: None

10/31/2014

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Laboratory Manager

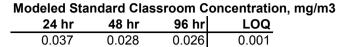
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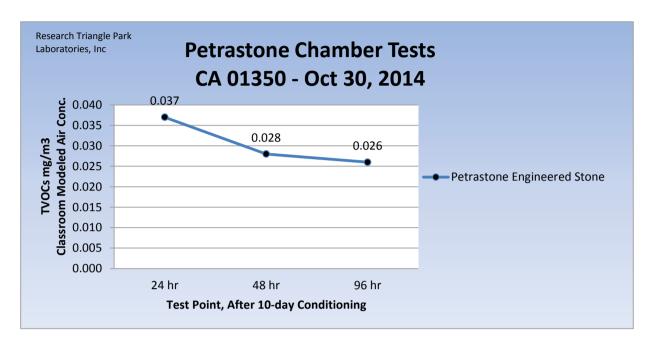
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California 01350/ASTM D5116 Small Chamber Tests for Volatile Organic Compound Emissions From Products

Project ID: 14-177 Client: Tile Council of North America Sample Receipt Date: Oct 17, 2014 Test Start Date: Oct 30, 2014 Products:

Petrastone Engineered Stone





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

EMISSION FACTOR CALCULATIONS FOR FLOORING PRODUCTS

Sample Receipt Date: 10/17/2014 Test Start Date: 10/30/2014 10 day conditioning performed prior to 96 h testing.

Project ID: 14-177-01

Sample ID: Petrastone Engineered Stone, Manf Oct 1, 2014

	Tile Council of North America		Temp 20-25	C: RH 45-5	5%			Standard	Classroom P	arameters	1
	1	100	50L Chamb			change rate	= 833	Room Dimen	sions, ft	40x24x8.5	1
			Sample Size								
ASTM D5116 S	Small Chamber Method							Room Volum	e, m3	231	
		1.20	Area Specif	ic Flow rate	(inlet flow m)	3/hriV/surface	area m3)	Ventilation Ra	ate, ach	0.9	
California Spe	cification 01350		Sample Loa					Net Surface A	Area, m2	89.2	
Paints and Wal	Ilcoverings Model: 94.6 m2										1
	cts Model: 89.2 m2			Emission	Factors (up	g/(m2*h))		Cm	Cm	Cm	
_		11/10/14		11/11/14		11/13/14		Classroom:	Classroom:	Classroom:	
		24 hr		48 hr		96 hr		24 hr	48 hr	96 hr	1/2 CREL
		Chamber		Chamber		Chamber		Modeled Air	Modeled	Modeled Air	12/2008
		Conc.		Conc.		Conc.		Conc.	Air Conc.	Conc.	(A)Acute
		ug/m3	24 hr EF	ug/m3	48 hr EF	ug/m3	96 hr EF	ug/m3	ug/m3	ug/m3	(C)Chron
	3C/MS Target, LOQ 2 ng/L (ug/m3)										
	feptane	60.8									
	n/p-Xylenes	3.3									175 C
	Styrene	7.2	8.6	5.8	7.0	6.3	7.6	3.7	3.0	3.2	225 C
9	GC/MS TICs, LOQ 5 ng/L (ug/m3)										
		0	0.0		0.0						
		0	0.0		0.0					200	
			0.0		0.0				-		
		0	0.0		0.0						
			0.0		0.0						
	(PLC Aldehydes, LOQ 2 ng/L (ug/m3)		0.0	,	0.0	. 0	0.0	0.0	0.0	0.0	
-	ormaldehyde	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.0	4.5 C
	cetaldehyde	0.0									70 C
	non-tension of the	0.0	0.0		0.0		0.0	0.0	0.0	0.0	
T	VOCs LOQ 25 ng/L (ug/m3) Use 1 for < value	71.3	85.6	54.9	65.9	51.2	61.4	36.7	28.3	26.4	ug/m3
								0.037	0.028		mg/m3

Intertek



TEST REPORT

Report No.: F0338.01-121-24 Test Date: September 1, 2015

Rendered to:

PETRA STONE S.R.L. Ariccia, Italy

PRODUCT TYPE: Petra Stone SERIES/MODEL: Engineered Stone

TEST METHOD: ASTM E 84-15a, Standard Test Method for Surface Burning Characteristics of Building Materials

Summary of ASTM E 84 Test Results		
Flame Spread Index Smoke Developed In		
5	105	

This report contains in its entirety:

Cover Page: 1 page
Report Body: 6 pages
Graphs: 1 page
Photographs: 1 page

Reference must be made to Architectural Testing, Inc. Report No. F0338.01-121-24 for complete test specimen descriptions.

14-177 Chamber EmissionFactors.xls





Test Report No.: F0338.01-121-24 Report Date: 9/10/2015 Test Record Retention End Date: 9/10/2019

Page 1 of 6

1.0 Report Issued To: Petra Stone S.r.l.

Via Nettunense km13 00040 Ariccia, Rome

Italy

2.0 Test laboratory: Architectural Testing, Inc.

130 Derry Court

York, Pennsylvania 17406-8405

717-764-7700

3.0 Introduction:

The Steiner Tunnel test apparatus is used to evaluate the surface burning characteristics and smoke development of building materials. The tunnel is considered to be under calibrated conditions when the flame front reaches the end of the tunnel within 5 minutes and 30 seconds (plus or minus 15 seconds) during a red oak test. An initial preheat of the tunnel is performed and the test specimen is installed when the tunnel temperature drops to $105^{\circ}F$. When the test is initiated, the 88 KW dual burner and 240 feet per minute air current creates a flame that extends 4.5 feet down the tunnel. The flame progression is tracked from this point to the exhaust end of the tunnel which is 19.5 feet downstream. An observer simultaneously notes any test specimen anomalies such as melting, dripping, sagging, delamination, fall-out, etc. The smoke that is generated during the test is measured by a photometer. The flame spread and smoke developed data are automatically logged and graphed versus time by a data acquisition and computer system. The Flame Spread Index (FSI) and the Smoke Developed Index (SDI) are based on an area under the curve calculation and the red oak flooring calibration data.

4.0 Project Summary:

4.1 Product Type: Petra Stone

4.2 Series/Model: Engineered Stone

- 4.3 Compliance Statement: Results obtained are tested values and were secured by using the designated test method(s). The specimen(s) were tested to evaluate the flame spread and smoke developed properties. A summary of the results is listed in the Test Results section and the complete graphical test data is included in Appendix A of this report.
- **4.4 Test Date**: 9/1/2015
- 4.5 Test Location: Architectural Testing, Inc., test facility in York, Pennsylvania.
- 4.6 Test Sample Source: The test specimen was provided by the client. Representative samples of the test specimen will be retained by Architectural Testing for a minimum of four years from the test completion date.

130 Derry Court	www.arc
York, PA 17406	vvvvv.arc

p. 717.764.7700 f. 717.764.4129





Test Report No.: F0338.01-121-24 Report Date: 9/10/2015 Test Record Retention End Date: 9/10/2019 Page 2 of 6

4.0 Project Summary: (Continued)

4.7 List of Official Observers:

Name Company

Mark Freeborn Architectural Testing, Inc.
Robert George Architectural Testing, Inc.

5.0 Test Method(s), Practices and/or Classifications:

ASTM E 84-15a, Standard Test Method for Surface Burning Characteristics of Building Materials

6.0 Test Specimen Description:

9/1/2015	
Petra Stone S.r.l.	
Petra Stone	
Engineered Stone	
Marble Dust & Resin	
72+ hr.	
12 in. wide x 39 in. long	
1/2 in.	
16	
16.23 lbs.	
Light Grey	
Upper	
1/4 in. diameter steel rods spaced 24 inches	
E84-15a (X1.1.1.3)	
N/A	
The fiber cement board was placed on top of the sample.	

^{*}From the client's material description and/or instructions

Note: Specimens were conditioned as per the requirements of Section 6.4 of ASTM E84-15a Standard Test Method for Surface Burning Characteristics of Building Materials

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Test Report No.: F0338.01-121-24 Report Date: 9/10/2015

Test Record Retention End Date: 9/10/2019

Page 3 of 6

7.0 Test Results: The test results are tabulated as follows:

Test Results				
Flame Spread Index (FSI): 5				
Smoke Developed Index (SDI):	105			
Test Operator:	Mark Freeborn			
Red Oak Calibration (% * Min):	94.8			

Test Data		
FSI (unrounded):	7.0	
SDI (unrounded):	102.9	
FS * Time Area (Ft * Min):	13.7	
Smoke Area (% * Min):	97.5	
Fuel Area (°F * Min):	4429.4	

Observations				
Ignition Time:	03:43 (Min:Sec)			
Max Flame Front Advance:	4.7 Feet			
Time to Max Flame Front:	09:43 (Min:Sec)			
Max Temp At Exposed T/C:	551.1°F			
Time To Max Temp:	09:58 (Min:Sec)			
Dripping Observed:	No			
Flaming On Floor Observed:	09:27 (Min:Sec)			
After Flame Top Observed:	10:02 (Min:Sec)			
After Flame Floor Observed:	10:03 (Min:Sec)			
Sagging Observed:	No			
Delamination Observed:	No			
Shrinkage Observed:	No			
Fallout Observed:	04:09 (Min:Sec)			
Cracking Observed:	00:14 (Min:Sec)			
Observations After the Test:	None			

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Reference Appendix A for graphs.

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Test Report No.: F0338.01-121-24 Report Date: 9/10/2015 Test Record Retention End Date: 9/10/2019

Page 4 of 6

7.0 Test Results: (Continued)

In Accordance with ASTM E 84-15a the use of supporting materials on the underside of the test specimen has the ability to lower the flame spread index from those which might be obtained if the specimen could be tested without such support. These test results do not necessarily relate to indices obtained by testing materials without such support (E84-15a, 1.3).

This standard is used to measure and describe the response of materials, products, or assemblies to heat and flame under controlled conditions, but does not by itself incorporate all factors required for fire-hazard or fire-risk assessment of the materials, products, or assemblies under actual fire condition s (E84-15a, 1.7).

This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the sole responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use (E84-15a, 1.8).

8.0 Codes and Regulations:

The 2009 International Building Code® (Chapter 8 Interior Finishes, Section 803 Wall and Ceiling Finishes) and NFPA 5000, (Chapter 10 Interior Wall or Ceiling Finish Testing and Classification) classify materials based on their Flame Spread and Smoke Developed indices. The classification criteria are listed below:

Classification	Flame Spread Index	Smoke Developed Index	
A	0-25	0-450	
В	26-75	0-450	
C	76-200	0-450	

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Test Report No.: F0338.01-121-24 Report Date: 9/10/2015

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The service life of this report will expire on the stated Test Record Retention End Date, at which time such materials as drawings, data sheets, samples of test specimens, copies of this report, and any other pertinent project documentation, shall be discarded without notice.

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For ARCHITECTURAL TESTING, Inc.

Mark Freeborn Technician – Fire Testing

Matthew Freeborn Manager – Fire Testing

MGF:ddr

Attachments (pages): This report is complete only when all attachments listed are included.

Appendix-A: Graphs (1) Appendix-B: Photographs (1)

This report produced from controlled document template ATI 00537, revised 12/04/14.

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Revision Log

<u>Rev. #</u>	<u>Date</u>	Page(s)	Revision(s)
0	9/10/2015	N/A	Original Report Issue

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Appendix A

Graphs

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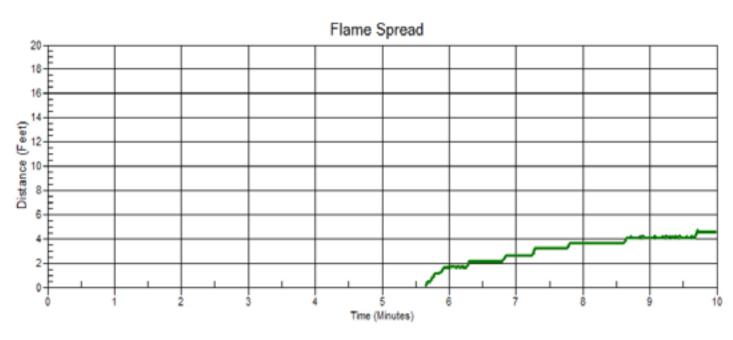
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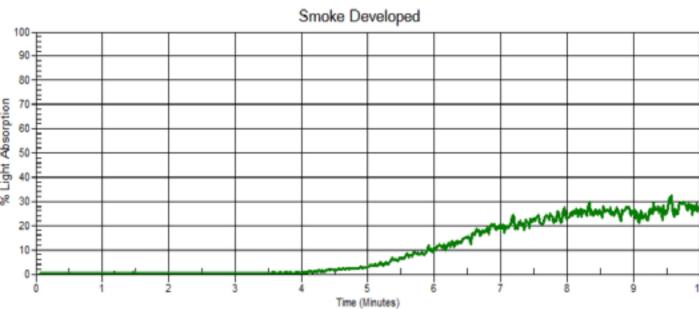


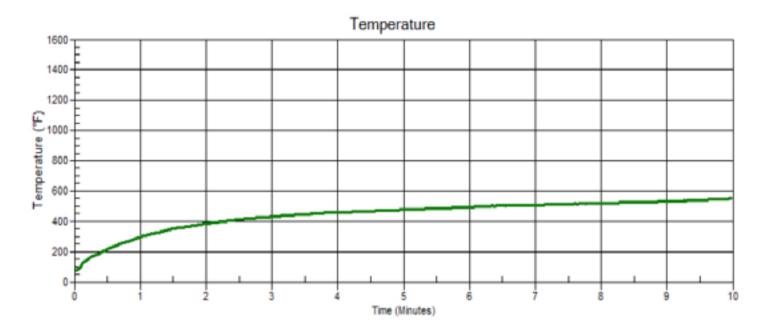


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Appendix B Photographs





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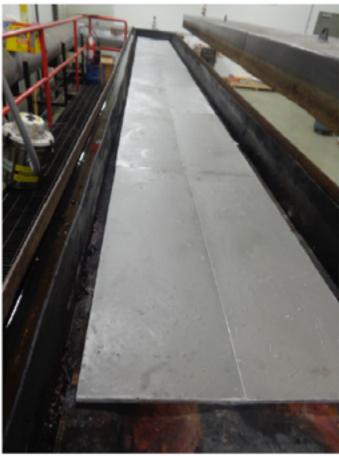


Photo No. 1 Specimen Mounted (Pre-test)



Photo No. 2 Specimen Mounted (Post-test)

SETTING INSTRUCTION / MAINTENANCE BY DECORSTONE SRL

SETTING INSTRUCTIONS

Under standard installation conditions the following instructions must be CAREFULLY observed:

ADHESIVES

Recommended adhesives for:

3D SERIES- Giovanni Barbieri Design Series

INTERIOR AND EXTERIOR APPLICATIONS:

KERAKOLL EXTREME (A+B), MAPEI KERALASTIC T or BENFER BENFERJOLLY.

Use:

During preliminary installation pieces must be selected simultaneously from different boxes.

The adhesive should be applied both on the piece and installation surface (double-spreading technique).

Application should begin from below and the corner profiles applying forward/reverse motion achieving a uniform setting, any excess adhesive should be removed using a dry spatula or sponge.

PRECAUTIONS

Decor Stone products are intended to be used for coverings application only. Use of non-specific adhesives may cause improper installation.

Application temperature should range between 5°C and 25°C, above 25°C the setting layer should be dampened with enough water and pieces installed on the moist surface.

Do not install on irregular or painted surfaces.

Do not install on degraded\humid plaster coverings.

Do not install on light mortar or lime, any dust should be removed.

Installation surfaces subject to high temperatures must be properly isolated.

Expansion joints must be applied every 10 sq.m. for exterior installations,

25 sq.m. for interior installations and every 8 metres in lenght for long and

narrow surfaces. Structural, split and perimeter joints must be observed.

Use of specific adhesives and setting methods indicated on our official

documents refers to normal interior/exterior surface application not subject to particular conditions out of the standard building code

subject to particular conditions out of the standard building procedures.

Non-standard applications must be discussed before installation in order to receive the most suitable setting solution.

DECOR STONE SHALL NOT BE DEEMED RESPONSIBLE FOR ANY ISSUE WHICH MAY ARISE FROM SUCH INSTALLATIONS IF NOT CONTACTED BEFOREHAND.

NOTE

Decor Stone shall not be liable to any installation issue should the mentioned setting instructions not be followed.

CARE AND MAINTENANCE

- natural color shades/variations in production are possible due to the natural stone used, which cannot be avoided.
- We suggest installing tiles by taking them alternately from several boxes.
- it is possible to use any type of common solvent to clean the tiles surface, even Acetone is possible to use; do NOT use lye (caustic soda).

BIOGRAPHY

Giovanni started his career at the age of 14 by operating in the marble sector as a go-getter.

When he was 16 years old he was capable of completing independently floorings within his older brother's business.

In 1984, at the age of 18, Giovanni contributed 50% of the investment entering into business partnership with his brother by establishing F.LLI Barbieri.

In those days the company had already begun to produce tumbled marbles for its own realizations.

At the age of 22, Giovanni began attending school courses in interior design between 1989 and 1997. The best results were achieved in the building site projects - projects in which he worked together with the architects who taught the classes.

These collaborations reinforced a period of strong progression: Giovanni was the only project developer and supplier of marble tiles that came exclusively from the Family Stone company and personally supervised the installation.

The emphasis was placed on the production process and the design of new products; first for the local market, then all the way to the United States, mainly thanks to the excellent understanding of design in research and development and the longstanding excellent collaboration with Nancy Epstein.

Many patents have been developed towards the End of '90s such as "MARMO ANTICO LUCIDO"; "FRAMENTI BORDER"; "TIMEWORN MARBLE" and more after.

Giovanni participated in some Contemporary Art Competitions receiving a special mention in Torino in 2003 with Roberto Lanaro, an European Renewed Metal Artist-Sculptor.

In 2008 "AMBRA COLLECTION" received an American Architecture award and was exposed at "Triennale Design Museum" in Milan for more than one year.

In 2010 Giovanni started his successful collaboration with Sara Baldwin developing irreproducible Timeworn Mosaics still one of its best seller after 10 years, as well as Ambra.

Giovanni Barbieri has been a source of inspiration for many renowned brands resulting in the successful reproduction of his Inventions and Techniques; AMBRA is a simply example reproduced by many.

In 2013 the first Engineered 3D Marble Tiles Collections Exciton/ Hive was awarded at Best-Of-Year INTERIOR DESIGN. This Collection is produced by recycling marble dust from production waste for high performance installation where natural stone is not suggested.

In 2013 the Memento Porcelain Tile Collection is Best-of-Year INTERIOR DESIGN Award-winner with Vallelunga Ceramica.

In 2014 Giovanni is the Winner of the London Surface Design Award with "CLAS" on Belgian project.

2015 is the year of Murano Collection, Award Winner at Best-Of-Year INTERIOR DESIGN, NYC.

In 2016, the world's first true 3D porcelain tile collection "TRILOGY", winner of BoY INTERIOR DE-SIGN, will be presented in the USA and New York City Design Award in May 2017 at the MoMa in NYC.

2017 marks the launch of new shading flat 3D wall tiles: "Collection RR".

In 2018 a new chapter begins with new Antiqued handmade Black terracotta tiles in an "easy-care" version: the "Minimal Rustic Collection".

2018-19-20 is the initial success of the SQUAR Collection, between tile collection and Art performance, triple awarded in the USA also at the BoY Awards, and by ARCHITECTURAL RECORD USA Magazine also with the handmade ceramic tile collection "KLE".

In the 2020 the Terrazzo Collection "The Fine Lines" become Overall Winner at latest SBID (The Society of British International Interior Design) product design Awards in London.

On 2021 Squar[e] received a Red Dot Award Product design Award and a Honoree Award at Best Of Year Interior Design USA.

Regoli Collection has been Honoree award on Interior Design NYC design and at 17th Hospitality Design Awards in NYC where The Fine Lines Terrazzo won the Award on Floor Category.

AWARDS



















2020 OWNERS WINNER



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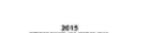












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