

**Devonian Stone of New York Inc.**  
**463 Atwell Hill Road**  
**Windsor, NY 13865**  
**(607) 655-2600**

**TEST SPECIFICATIONS**

**General Specifications:**

Flexural Strength ASTM C880	2563 psi
Bulk Specific Gravity	2.58
Bulk Specific Gravity (SSD)	2.63
Apparent Specific Gravity	2.72
Absorption (%)	1.9
Compressive Strength	over 19,000 psi

**Los Angeles Abrasion Test<sup>1</sup>**

Test Specification; ASTM C 131 Grading

Test Values: NYSDOT Maximum Allowable Loss - 45%

Test Results: 33.61% Loss

Also tested a 48" x 18" x 2" thick paver supported on four comers with a concentrated load applied at the center. The paver withstood over 3,000 Lbs. before failure occurred.

<sup>1</sup>These tests were conducted according to ASTM C 127 Specifications by Atlantic Testing Laboratories, Ltd., Albany New York and Soil & Material Testing, Inc., Binghamton, New York.

**Static Coefficient of Friction Test<sup>2</sup>**

*Glacier Blue, Honed Finish*

<u>Static Coefficient of Friction (SCOF)</u>	<u>Dry</u>	<u>Wet</u>	<u>Specification</u>
As Received	0.7	0.8	> 0.6
Cleaned*	0.7	0.8	> 0.6

*Glacier Blue, Flame Finish*

<u>Static Coefficient of Friction (SCOF)</u>	<u>Dry</u>	<u>Wet</u>	<u>Specification</u>
As Received	1.0	0.7	> 0.6
Cleaned*	1.0	0.9	> 0.6

\*Cleaned with Renovator Cleaner as per test procedure

<sup>2</sup>The Ceramic Tile Institute requires ceramic surfaces to have a minimum SCOP of 0.6 when tested dry or wet according to ASTM C 1028 to be considered slip resistant. Glacier Blue™ Devonian Sandstone, Honed Finish and Glacier Blue™ Devonian Sandstone, Flame Finish meets this requirement when tested dry or wet. These tests were conducted by ABIC Testing Laboratories, Inc., Fairfield, NY.

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**TEST SPECS**

Test results according to ASTM C 127 specifications:

Flexural Strength ASTM C880	2563psi
Bulk Specific Gravity	2.58
Bulk Specific Gravity SSD	2.63
Apparent Specific Gravity	2.72
Absorption %	1.9
Compressive Strength	over 19,000psi

Test Description:	Los Angeles Abrasion Test
Test Specification:	ASTM C 131 Grading
Test Values:	NYSDOT Max Allowable loss 45%
Test Results:	33.61% loss

Also tested 48" x 18" x 2" thick paver supported on four comers with a concentrated load applied at the center. The paver withstood over 3000 lbs. before failure occurred.

These test were conducted according to ASTM C 127 specifications by Atlantic Testing Laboratories, LTD, Albany, NY and Soil & Material Testing, Inc. Binghamton, NY.

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## **TEST SPECS**

Freeze –Thaw Resistance Testing, ASTM C-1026

ABIC Testing Laboratories, Inc. was authorized to test the Glacier Blue™ Devonian Stone for freeze-thaw resistance according to ASTM C-1026.

\* Previously soaked stone: One test cycle consists of 6-8 hours at 0°F followed by soaking 16 hours in water at room temperature.

The Glacier Blue™ Devonian Stone showed no change in appearance after twenty freeze-thaw cycles according to the test procedure in ASTM C-1026.  
Sandstone vs. Li

# **ABIC TESTING LABORATORIES, INC.**

24 Spielman Road  
Fairfield, NJ 07004

973-227-7060  
Fax: 973-227-0172

To: Devonian Stone of New York  
Ms. Peggy Rosenthal

September 19, 2008

From: Leonard Mackowiak

Subject: Freeze -Thaw Resistance Testing, ASTM C-1026  
Project No 5209-02

## **Introduction**

ABIC Testing Laboratories, Inc. was authorized to test the following stone for freeze-thaw resistance according to ASTM C-1026.

- Glacier Blue Devonian Stone

## **Results**

Sample Identification Freeze-Thaw Cycles (Stone Appearance)

	<b><u>5 cycles*</u></b>	<b><u>10 Cycles</u></b>	<b><u>15 Cycles</u></b>	<b><u>20Cycles</u></b>
Glacier Blue Devonian Stone	No effect	No Effect	No Effect	No Effect

\* Previously soaked stone: One test cycle consists of 6-8 hours at 0°F followed by soaking 16 hours in water at room temperature

## **Discussion**

The Glacier Blue Devonian Stone showed no change in appearance after twenty freeze-thaw cycles according to the test procedure in ASTM C-1026

Respectfully submitted,



Leonard Mackowiak  
Vice President