

**ST.LAWRENCE
CEMENT**

Mississauga Plant
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February 13, 2007

Report No. 9434 1.1

Mr. Jerry Deluca
Boehmers Block
P.O. Box 25059
Kitchener, Ontario
N2A 4A5

Fax # (519) 622-2912

Dear Jerry:

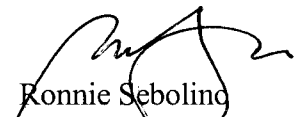
The twenty-five (25) assorted concrete blocks and the ten (10) standard Split-faced concrete blocks we received 01/22/2007 have been tested for oven dry mass density, maximum water absorption, and compressive strength in accordance with CSA Standard A165.1-04, "Concrete Masonry Units". The results are enclosed in the following report.

If you have any questions regarding this report, please contact Mr. Dennis Baker at (905) 822-1653.


We trust these results are of assistance to you.

Regards,

ST. LAWRENCE CEMENT INC.


Ronnie Sebolino
Civil Engineering Technician

ST. LAWRENCE CEMENT INC.


Jason Reichenbach
Civil Engineering Technician

jmr
cc: Barry Littlemore/CMcC/JFa/OP/DB

The results provided by St. Lawrence Cement's Mississauga Concrete Laboratory are for information only. It is recommended that quality control acceptance results be obtained from a certified third party lab.

Boehmers Block

Set #1- Size Code 10

Block Description: Standard Concrete

Block Dimensions: 390x90x190mm

Block Shape: 75% Solid Standard

Calculated Percent Solid for Standard Block: 83.1%

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (PSI) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 12.155 | ---- | ---- | 4050 | 27.9 |
| 12.260 | ---- | ---- | 3940 | 27.2 |
| 12.200 | ---- | ---- | 3960 | 27.3 |
| 12.200 | 2130 | 128.83 | ---- | ---- |
| 12.095 | 2110 | 131.77 | ---- | ---- |
| Average | 2120 | 130.30 | 3990 | 27.5 |

*Breaker Block

The tests for compressive strength were carried out on February 6, 2007. The tests to determine the density and absorption values were carried out between February 2 and February 6, 2007.

Set #2 – Size Code 15

Block Description: Standard Concrete

Block Dimensions: 390x140x190mm

Block Shape: Hollow Standard

Calculated Percent Solid for Standard Block: 61.1%

Calculated Percent Solid for Breaker Block: 65.4%

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (PSI) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 14.095 | ---- | ---- | 4930 | 34.0 |
| 14.190 | ---- | ---- | 4440 | 30.6 |
| 14.180 | 2180 | 118.30 | ---- | ---- |
| 15.330* | ---- | ---- | 4860 | 33.5 |
| 15.305* | 2200 | 113.57 | ---- | ---- |
| Average | 2190 | 115.94 | 4740 | 32.7 |

*Breaker Block

The tests for compressive strength were carried out on February 8, 2007. The tests to determine the density and absorption values were carried out between February 2 and February 6, 2007.

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Boehmers Block

Set #3 – Size Code 20

Block Description: Standard Concrete

Block Dimensions: 390x190x190mm

Block Shape: Hollow Standard

Calculated Percent Solid for Standard Block: 55.2%

Calculated Percent Solid for Breaker Block: 62.1%

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (MPa) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 16.640 | ----- | ----- | 4120 | 28.4 |
| 16.590 | ----- | ----- | 4020 | 27.7 |
| 17.310 | 2180 | 111.90 | ----- | ----- |
| 18.740* | ----- | ----- | 3640 | 25.1 |
| 18.750* | 2110 | 132.00 | ----- | ----- |
| Average | 2150 | 121.95 | 3930 | 27.1 |

*Breaker Block

The tests for compressive strength were carried out on February 9, 2007. The tests to determine the density and absorption values were carried out between February 2 and February 6, 2007.

Set #4 – Size Code 20

Block Description: Split-Faced Standard Concrete

Block Dimensions: 390x190x190mm

Block Shape: Hollow Standard Split-Faced

Calculated Percent Solid for Standard Block: 60.9%

NOTE: Split-Faced side of block was cut to a width of 165mm to make the block symmetrical.

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (PSI) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 21.045 | 2160 | 114.94 | ----- | ----- |
| 21.365 | 2150 | 114.15 | ----- | ----- |
| 21.285 | ----- | ----- | 4150 | 28.6 |
| 21.130 | ----- | ----- | 4280 | 29.5 |
| 21.275 | ----- | ----- | 4080 | 28.1 |
| Average | 2160 | 114.55 | 4170 | 28.7 |

*Breaker Block

The tests for compressive strength were carried out on February 8, 2007. The tests to determine the density and absorption values were carried out between February 7 and February 9, 2007.

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Boehmers Block

Set #5 – Size Code 25

Block Description: Standard Concrete

Block Dimensions: 390x240x190mm

Block Shape: Hollow Standard

Calculated Percent Solid for Standard Block: 50.7%

Calculated Percent Solid for Breaker Block: 55.8%

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (MPa) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 20.145 | ----- | ----- | 5000 | 34.5 |
| 20.230 | 2200 | 112.53 | ----- | ----- |
| 22.370* | ----- | ----- | 4630 | 31.9 |
| 22.215* | ----- | ----- | 5090 | 35.1 |
| 22.185* | 2180 | 116.37 | ----- | ----- |
| Average | 2190 | 114.45 | 4910 | 33.8 |

*Breaker Block

The tests for compressive strength were carried out on February 8, 2007. The tests to determine the density and absorption values were carried out between February 5 and February 7, 2007.

Set #6 – Size Code 30

Block Description: Standard Concrete

Block Dimensions: 390x290x190mm

Block Shape: Hollow Standard

Calculated Percent Solid for Standard Block: 49.8%

Calculated Percent Solid for Breaker Block: 54.6%

| Received Weight (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area Compressive Strength (PSI) | Net Area Compressive Strength (MPa) |
|----------------------|--|---|-------------------------------------|-------------------------------------|
| 23.235 | 2120 | 116.25 | ----- | ----- |
| 25.585* | ----- | ----- | 3760 | 25.9 |
| 25.380* | ----- | ----- | 3810 | 26.3 |
| 25.550* | ----- | ----- | 3710 | 25.6 |
| 25.490* | 2120 | 114.29 | ----- | ----- |
| Average | 2120 | 115.27 | 3760 | 25.9 |

*Breaker Block

The tests for compressive strength were carried out on February 7, 2007. The tests to determine the density and absorption values were carried out between February 5 and February 7, 2007.

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Boehmers Block

Set #7 – Size Code 25

Block Description: Split-Faced Standard Concrete

Block Dimensions: 390x240x190mm

Block Shape: Hollow Standard Split-Faced

Calculated Percent Solid for Standard Block: 57.3%

Calculated Percent Solid for Breaker Block: 66.6%

NOTE: Split-Faced side of block was cut to a width of 210mm to make the block symmetrical.

| Received Weight (kg) | Oven Dry Mass Density (kg/m³) | Maximum Water Absorption (kg/m³) | Net Area Compressive Strength (PSI) | Net Area Compressive Strength (MPa) |
|-----------------------------|---|--|--|--|
| 25.315 | 2230 | 92.59 | ----- | ----- |
| 25.380 | ----- | ----- | 4280 | 29.5 |
| 28.480* | ----- | ----- | 4380 | 30.2 |
| 28.535* | ----- | ----- | 4500 | 31.0 |
| 28.465* | 2230 | 93.58 | ----- | ----- |
| Average | 2230 | 93.09 | 4380 | 30.2 |

*Breaker Block

The tests for compressive strength were carried out on February 9, 2007. The tests to determine the density and absorption values were carried out between February 7 and February 9, 2007.



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CEMENT**

2391 Lakeshore Road West
Mississauga, Ont.
L5J 1K1

(905) 822-1653
Fax: (905) 822-7445

December 29, 2005

Report No. 9226 1.1

Mr. Jerry Deluca
Boehmers Block
P.O. Box 25059
Kitchener, Ontario
N2A 4A5

Fax # (519) 622-2912

Dear Jerry:

The twenty five (25) assorted concrete blocks we received 12/20/2005 have been tested for oven dry mass density, maximum water absorption, and compressive strength in accordance with CSA Standard A165.1-04, "Concrete Masonry Units". The results are enclosed in the following report.

If you have any questions regarding this report, please contact Mr. Dennis Baker at (905) 822-1653.

We trust these results are of assistance to you.

Regards,

ST. LAWRENCE CEMENT INC.

Robert Kilgour
Civil Engineering Technician

Rjk

cc: Barry Littlemore/CMcC/JFa/OP/DB

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Boehmers Block

Designation: Set #1 – 10cm Hollow – Concrete Block
Dimensions: 390x90x190mm
Percent Solid: 73

| Received Wt. (kg) | Oven Dry Mass Density (kg/m³) | Maximum Water Absorption (kg/m³) | Net Area | |
|------------------------------|---|--|---------------------------------------|--------------|
| | | | Compressive Strength (PSI) | (MPa) |
| 12.715 | ----- | ----- | 5450 | 37.6 |
| 12.045 | ----- | ----- | 4890 | 33.7 |
| 12.295 | ----- | ----- | 5330 | 36.7 |
| 12.425 | 2200 | 127.93 | ----- | ----- |
| 12.025 | 2160 | 130.36 | ----- | ----- |
| Average | 2180 | 129.14 | 5220 | 36.0 |

The tests for compressive strength were carried out on December 28, 2005 using Hydro-Stone (gypsum cement) caps. The tests to determine the density and absorption values were carried out between December 20th and December 22nd, 2005.

Designation: Set #2 – 15cm Hollow – Concrete Block
Dimensions: 390x140x190mm
Percent Solid: 58

| Received Wt. (kg) | Oven Dry Mass Density (kg/m³) | Maximum Water Absorption (kg/m³) | Net Area | |
|------------------------------|---|--|---------------------------------------|--------------|
| | | | Compressive Strength (PSI) | (MPa) |
| 13.710 | ----- | ----- | 3380 | 23.3 |
| 13.885 | ----- | ----- | 3870 | 26.7 |
| 13.460 | ----- | ----- | 3600 | 24.8 |
| 13.695 | 2150 | 130.64 | ----- | ----- |
| 13.755 | 2160 | 130.43 | ----- | ----- |
| Average | 2150 | 130.54 | 3620 | 24.9 |

The tests for compressive strength were carried out on December 28, 2005 using Hydro-Stone (gypsum cement) caps. The tests to determine the density and absorption values were carried out between December 20th and December 22nd, 2005.

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Boehmers Block

Designation: Set #3 – 20cm Hollow – Concrete Block
Dimensions: 390x190x190mm
Percent Solid: 56

| Received Wt. (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area | |
|----------------------|---|--|-------------------------------|-------------------------------|
| | | | Compressive Strength (PSI) | Compressive Strength (MPa) |
| 16.845 | ----- | ----- | 4150 | 28.6 |
| 16.900 | ----- | ----- | 3910 | 27.0 |
| 16.830 | ----- | ----- | 3470 | 23.9 |
| 16.810 | 2140 | 128.95 | ----- | ----- |
| * 18.810 | 2120 | 135.51 | ----- | ----- |
| Average | 2130 | 132.23 | 3840 | 26.5 |

The tests for compressive strength were carried out on December 28, 2005 using Hydro-Stone (gypsum cement) caps. The tests to determine the density and absorption values were carried out between December 20th and December 22nd, 2005.

Designation: Set #4 – 25cm Hollow – Concrete Block
Dimensions: 390x240x190mm
Percent Solid: 53

| Received Wt. (kg) | Oven Dry Mass Density (kg/m ³) | Maximum Water Absorption (kg/m ³) | Net Area | |
|----------------------|---|--|-------------------------------|-------------------------------|
| | | | Compressive Strength (PSI) | Compressive Strength (MPa) |
| 20.030 | ----- | ----- | 4050 | 27.9 |
| 20.110 | ----- | ----- | 4730 | 32.6 |
| * 21.610 | ----- | ----- | 4210 | 29.0 |
| * 21.905 | 2190 | 118.01 | ----- | ----- |
| * 21.910 | 2190 | 121.06 | ----- | ----- |
| Average | 2190 | 119.53 | 4330 | 29.8 |

The tests for compressive strength were carried out on December 29, 2005 using Hydro-Stone (gypsum cement) caps. The tests to determine the density and absorption values were carried out between December 20th and December 29th, 2005.

*** - Breaker Style Block.**

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Boehmers Block

Designation: Set #5 – 30cm Hollow – Concrete Block

Dimensions: 390x290x190mm

Percent Solid: 51

| Received Wt. (kg) | Oven Dry Mass Density (kg/m³) | Maximum Water Absorption (kg/m³) | Net Area | |
|------------------------------|---|--|---------------------------------------|--------------|
| | | | Compressive Strength (PSI) | (MPa) |
| 24.550 | ----- | ----- | 4200 | 28.9 |
| * 26.295 | ----- | ----- | 4010 | 27.6 |
| * 26.235 | ----- | ----- | 4230 | 29.2 |
| * 26.390 | 2200 | 121.86 | ----- | ----- |
| * 26.305 | 2190 | 123.94 | ----- | ----- |
| Average | 2200 | 122.90 | 4140 | 28.6 |

The tests for compressive strength were carried out on December 29, 2005 using Hydro-Stone (gypsum cement) caps. The tests to determine the density and absorption values were carried out between December 20th and December 29th, 2005.

*** - Breaker Style Block.**