Saves 20 per cent. in fuel, and is the most perfect working boiler ever produced.

HOT WATER HEATING

FOR

GREEN HOUSE, PUBLIC BUILDING and PRIVATE RESIDENCE.

We have placed over 2000 of our Boilers during the past three years, and have heard nothing but praise and satisfaction.

NOISELESS IN OPERATION, NO DANGER OF EXPLOSION, EVEN TEMPERATURE OF HEAT.

BELOW WE GIVE

A RECENT TESTIMONIAL:

Woodstock, Feb. 16, 1888.

E. & C. GURNEY CO., TORONTO.

Gentlemen,—The No. 32 Hot Water Heater we bought of you for heating our office is doing splendidly. When it was being put in we frankly admit we had serious doubts if a heater which appeared so small for the duty required of it would warm the offices sufficiently during the severe cold of winter. We are pleased to say, however, that during the days of intense cold through which we have just passed, our offices have been really uncomfortably warm, and this, too, without any forcing of the fire. The consumption of coal has been very light, and we have to express our perfect satisfaction with the heater.

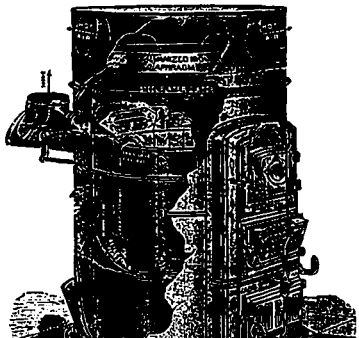
Yours truly,
THE PATTERSON BROS. & CO., Ltd.

MANUFACTURED BY

THE E. & C. GURNEY CO., Ltd.

TORONTO - HAMILTON - MONTREAL - WINNIPEG. *GURNEY HOT WATER HEATER CO., Boston.*

For sale by all the leading Fitters. Send for our book of testimonials, and illustrated description.



J. M. WILLIAMS & CO.,

Hamilton, - Ont.

MANUFACTURERS OF THE

ANTHONY STEEL PLATE

FURNACES

— THEY ARE —

Entirely free from gas and dust

Easily managed.

Economical and durable.

Send for Furnace Book entitled "Our Homes and How to Ventilate Them."

Telephone No. 27. *Established 1841*

THOROLD HYDRAULIC CEMENT MILLS

JOHN BATTLE, Proprietor,

THOROLD, - - ONTARIO.

OTTAWA, 7th June, 1884.

DEAR SIR,—I duly received your letter of the 1st ultimo, requesting my opinion relative to the Cement manufactured at your establishment in Thorold, in reference to which the following is respectfully submitted: For the past *forty years* the natural Hydraulic Cement obtained at Thorold, Province of Ontario, has been used to my knowledge, on various extensive public works, and in every instance the result has proved highly satisfactory. When properly burned, ground fine, and used fresh from the mill, it will compare favorably with any natural or artificial cement that I know of for building or other purposes in a moist position, or for walls that have been built a few weeks before water has been let in on them. It is well adapted for concrete foundations, walls, drains, cisterns, or indeed, for any hydraulic works; when properly prepared and mixed with two parts of clean sharp sand to one of cement, the result will invariably give good satisfaction.

I am, sir, yours very truly,

JOHN BATTLE, Esq., Cement Manufacturer, etc., Thorold, Ont. JOHN PAGE, Chief Engineer of Canals, Canada.

QUEBEC, MONTREAL, OTTAWA & OCCIDENTAL RAILWAY.
CHIEF ENGINEER'S OFFICE, MONTREAL, 31st March, 1881.

JOHN BATTLE, Esq., Thorold:

DEAR SIR,—I have tested with Reible's Testing Machine the tensile strength of six blocks made from the barrel of Thorold Hydraulic cement which you sent me last summer. The blocks were made of neat cement, and were 1½ inches square at the smallest part. Four of them were kept 23 days in air, and only broke under the following weights: No. 1, 420 lbs.; No. 2, 390 lbs.; No. 3, 456 lbs.; No. 4, 420 lbs.; averaging 423 lbs. each, or 194 lbs. per square inch. The remaining two were kept one day in air and forty-seven in water, and broke under the following weights: No. 5, 420 lbs.; No. 6, 450 lbs.; averaging 435 lbs. each, or 193 lbs. per square inch.

Yours truly,
P. A. PETERSON,
Chief Engineer,
Quebec, Montreal, Ottawa & Occidental Railway.

The THOROLD CEMENT is sold by the following dealers:

Toronto.—Edward Terry, 23 George St.
" Robert Carroll, 66 Adelaide St. West.
" Joseph Adamson, Esplanade, foot of George St.
Hamilton.—W. A. Freeman, James St.
" W. J. F. Gordon, James St.
London.—A. D. Cameron, Burwell St.
" Bowman & Co., 246 Bathurst St.

BUILDING MATERIALS.

LUMBER.

CAR OR CARGO LOTS.

1¼ and thicker clear picks, Am. ins	$34 00@35 00
1½ and thicker, three uppers, Am. ins	40 00
1½ and thicker, pickings, Am. ins	30 00
1 x 10 and 12 dressing and better	20 00 22 00
1 x 10 and 12 mill run	15 00 16 00
1 x 10 and 12 dressing	14 00 16 00
1 x 10 and 12 common	11 00 13 00
1 x 10 and 12 spruce culls	10 00 11 00
1 x 10 and 12 maple culls	9 00
1 inch clear and picks	24 00 26 00
1 inch dressing and better	18 00 20 00
1 inch siding, mill run	13 00 15 00
1 inch siding, common	12 00 13 00
1 inch siding, ship culls	10 00 11 00
1 inch siding, mill culls	8 00 9 00
Cull scantling	8 00 9 00
1¼ and thicker cutting up plank	22 00 25 00
1 inch strips, 4 in. to 8 in. mill run	14 00 16 00
1 inch strips, common	11 00 12 00
1½ inch flooring	15 00
1½ inch flooring	14 00 15 00
XXX shingles, sawn	$2 40@2 50
XX shingles, sawn	1 30 1 50
Eastlake painted iron shingles, per square, (10,000 feet)	4 50
Eastlake painted tin shingles, per square	4 50
Eastlake genuine galvanized iron shingles, per square	7 00
Metallon brick siding, per square	3 50
Special siding, per square	3 50
Lath, sawn	1 80

YARD QUOTATIONS.

Mill cull boards and scantling	10 00
Shipping cull boards, promiscuous widths	12 00
Shipping cull boards, stocks	13 00
Scantling and joist, up to 16 ft	14 00
" " 18 ft	15 00
" " 20 ft	16 00
" " 22 ft	17 00
" " 24 ft	19 00
" " 26 ft	20 00
" " 28 ft	22 00
" " 30 ft	24 00
" " 32 ft	26 00
" " 34 ft	28 50
" " 36 ft	30 00
" " 38 ft	32 00
" " 40 to 44 ft	35 00
Cutting up planks, 1¼ and thicker, dry	25 00 26 00
" " " board,	18 00 20 00
Dressing stocks	16 00 18 00
Picks, American inspection	40 00
Three uppers, American inspection	50 00
Cedar for block paving, per cord	5 00
Cedar for Kotting, 4 x 14, per M	12 00

B. M.

1½ inch flooring, dressed	25 00 30 00
1½ " rough	14 00 15 00
1¼ " dressed	23 00 25 00
" undressed	14 00
" dressed	16 00 20 00
" undressed	12 00 14 00
Beaded sheeting, dressed	18 00 20 00
Clapboarding, dressed	12 50
XXX sawn shingles, per M	2 75 2 90
Sawn lath	2 25
Red oak	30 00 35 00
White	25 00 30 00
Basswood, No. 1 and 2	18 00 20 00
Cherry, No. 1 and 2	50 00 60 00
White ash, No. 1 and 2	25 00 30 00
Black ash, No. 1 and 2	20 00 25 00

BRICK.—⅌ M.

Common Walling	$ 7 50
Good Facing	10 00
Sewer	9 50

Stone:

Common Rubble, Per Toise, delivered	14 00
Large flat " "	18 00
Foundation Blocks, " Cubic Foot	35

Slate: Roofing (⅌ *square*).

" green	5 00 6 00
" " unfading	5 00 6 00
" purple	5 00 6 00
" red	10 00
" black, Lehigh	3 50 4 00
" " Chapman	—
" unfading black, Monson, Me	5 50 8 00
" black slate	7 50
Tiles, American, ⅌ M	
N. Peach Bottom, warranted unfading	

Sand:

Per Load of 1½ Cubic Yards	1 25

PAINTS. (*In oil, ⅌ lb.*)

White lead, Can	6 6 50
" zinc, Can	6½ 8 50
Red lead, Eng	5½ 6½
" venetian	6½ 7½
" vermilion	90 1 00
" Indian, Eng	10 12
Yellow ochre	6½ 12
Yellow chrome	15 25
Green, chrome	7 12
" Paris	30 40
Black, lamp	17 25
Blue, ultramarine	25 25
Oil, linseed, raw (⅌ *imp. gal.*)	56½
" " boiled "	59
" " refined, "	60
Turpentine, "	55 59
Varnish, coach, "	
Shellac, "	
Putty	2¼ 3
Whiting, dry	75 1 00
Paris white, Eng., dry	1 25 1 50
Litharge, Am., "	6½ 8
Sienna, burnt	15 20
Umber, "	8 12½

CEMENT, LIME, etc.

Lime, Per Barrel of 2 bushels, Grey	40
" " " White	60
Plaster, Calcined, New Brunswick	2 00
" " Nova Scotia	2 10
Hair, Plasterers', per bag	1 00
Cement, Portland, per bbl	3 00
" Thorold, "	1 50
" Queenston, "	1 50

HARDWARE.

Cut Nails:

American Pattern, 1¾ inch, per keg	4 50
" " 1½ to 1¾ inch, per keg	3 75
Canadian Pattern, 1¾ inch, per keg	$ 4 00
" " 1½ to 1¾ inch, per keg	3 50
" " 1 to 1½ inch, "	3 50
" " 1½ to 2½ inch, "	3 25
" " 3 inch and larger	3 00
Steel nails 10c. per keg extra.	
Finishing nails, 1 inch, per keg	6 05
" " 1¼ inch, "	5 30
" " 1½ " "	5 05
" " 1¾ " "	3 60
" " 2 inch and larger	4 00

Iron, etc.

Refined, ⅌ 100 lb. or ordinary size	2 25 2 35
Common, ⅌ 100 lbs	2 00 2 10
Patent metals, ⅌ lb	0 00 0 11
Anchors, ⅌ lb	0 05½ 0 06
Chain cables, ⅌ lb	0 03 0 06
Rigging chains, per lb	0 03 0 3½

MONTREAL PRICES.

Lumber, Etc.

Ash, 1 to 4 in., M	$13 00@25 00
Birch, 1 to 4 inch, M	15 00 25 00
Basswood	13 00 20 00
Walnut, per M	60 00 95 00
Butternut, per M	30 00 40 00
Cedar, flat	00 04 00 06
Cherry, per M	60 00 80 00
Elm, Soft, 1st	15 00 17 00
Elm, Rock	25 00 30 00
Maple, hard, M	20 00 25 00
Maple, Soft	16 00 18 00
Oak, M	40 00 60 00
Pine, select, M	35 00 40 00
Pine, and quality, M	32 00 30 00
Shipping Culls	14 00 16 00
Mill Culls	8 00 10 00
Lath, M	1 75 2 00
Spruce, 1 to 2 inch, M	10 00 13 00
" Culls	4 50 6 00
Shingles, 1st quality	2 00 3 00
" and "	1 25 2 00

Cement, etc.

Portland Cement, per barrel	$ 2 75@ 3 25
Roman " "	2 75 3 00
Fire Bricks, per M	22 50 27 50

Cut Nails:

Hot-cut Am. or Can. pattern, 3 inch and above	$2 90
Hot-cut Am. or Can. pattern, 2¾ inch and above	3 15
Hot-Cut Am. or Can. pattern, 2½ and 2 inch	3 40
Am. pattern, 1½ and 1¾ inch hot-cut	3 60
" 1¼ inch "	4 40
Can. Pattern, cold-cut, 1½ and 1¾ inch	3 40
" " 1¼ inch	3 95
Finishing Nails, per 100 lb. keg, 1¾ and 1½ inch	$ 5 55 4 80
Finishing Nails, per 100 lb. keg 1¼ to 1⅛ inch	4 55 4 30
Finishing nails, per 100 lb. keg, 2 inch and up	3 08

Paints, etc.

White Lead, pure, 25 to 100 lb. kegs	5 50 6 50
" " No. 1	5 50 5 75
" " No. 2	4 75 5 25
" " No. 3	4 50 4 75
" " dry	5 50 6 00
Venetian Red, English	1 50 1 75
Yellow Ochre, French	1 25 1 50
Whiting, London, washed	0 50 0 60
" Paris, "	1 15 1 25

Oils:

Linseed, raw	0 59 0 60
" boiled	0 62 0 63
Olve, pure	1 00 1 05
" machinery	0 95 1 00
" extra, qt., per case	3 00 3 50
" " pts., "	3 40 3 00
" " ½ pts., "	3 70 2 00
Spirits turpentine	0 50 0 90

ST. JOHN, N. B.

Lumber.

Spruce deals, Bay Fundy Mills	8 00 8 25
Spruce deals, City Mills	8 50 9 50
Aristook P. B., Nos. 1 and 2	40 00 45 00
No. 3	30 00 35 00
No. 4	18 00 20 00
Aristook P. B. shipping	15 00 16 00
Common	12 00 13 00
Spruce boards	7 00 8 00
Spruce scantling (unst'd)	7 00 8 00
Spruce, dimensions	11 00 14 00
Pine clapboards, extra	5 00 40 00
No. 1	0 00 30 00
No. 2	30 00 20 00
No. 3	11 00 12 00
Laths, spruce	1 25 1 35
Laths, pine	5 50 8 00
Palings, spruce	5 50 8 00

Iron, etc.

Refined, ⅌ 100 lb or ordinary size	2 25 0 00
Common, 100 lb	2 10 0 00
Patent metals, ⅌ lb	0 11 0 11
Anchors, ⅌ lb	0 05 0 11
Cinchors, ⅌ lb	0 00 0 00
Chain cables, ⅌ lb	0 05 0 06
Rigging chains, ⅌ lb	0 03 0 3½

Nails.

Cut, 30d, ⅌ 100 lb	3 75 4 00
Cut, other sizes	3 74 3 50
Ship Spikes	3 70 3 00
Galvanized	5 25 6 50

NEW YORK PRICES.

WHITE PINE.

Uppers	$46 00@62 00
Selects	40 00 45 00
Fine common	35 00 48 00
Cutting up	21 00 30 00
Common	17 00 25 00
Norway	19 50 26 50
Pickets	14 00 23 00
Shippers, according to quality, for different ports	17 50 52 00
Coffin boards	21 00 23 00
Box	15 50 17 00
Ceiling	24 00 40 00
Shelving	25 00 32 00
Moulding	34 00 37 00
Bevel siding	16 00 23 00
Bridge timber	38 00 50 00

EASTERN SPRUCE.

9 to 12 in	14 50 15 50
8 to 12 in	14 00 15 00
6 to 12 in	13 00 14 00
6 to 9 in	13 00 14 00
Special lengths	16 50 18 00
Lath	2 05 2 20
Piling, per lineal feet	05 6½

SHINGLES.

Pine, 16 in., extra	$ 3 10@3 25
18 in. extra	4 65 4 75
18 in. clear butts	3 65 3 75
16 & 18 in. stocks	5 50 6 00
Cedar	4 50 5 75
Cypress	6 00
Redwood	5 00 6 00
Various widths	1 00

HEMLOCK.

Timber	12 00 13 50
Joists	11 50 12 00
Boards	12 50 13 00
Lath	1 90 2 00

DRESSED LUMBER, CAR LOAD LOTS.

No 1 flooring, ⅞ in	23 00 24 00
No 1 ceiling, ⅞ in	25 00 26 00
No. 1 ceiling, ⅝ in	18 00 19 00
Timber	14 50 15 50