

tained at relatively high prices, owing to low stocks and to the fact that export demand, especially to Germany, has been well maintained.

The local market shows quite a little improvement, as is natural at this time of the year when consumers are covering for their fall and winter requirements. Of course, purchasing is not nearly as heavy as at this time last year, yet several good round lots have been taken and a number of satisfactory inquiries are now being produced. Canadian-made pig continues to be sold by a Western mill and an Eastern one at prices which are considerably below those at which import metal can be laid down here. It is stated that some sales have been made at \$17.50 per gross ton, delivered at Western points, such as Hamilton, Toronto, Brantford and Guelph, as well as in Montreal. Importers can more readily compete in the latter place than in the West, freights to the West being proportionately higher for the importer than for the Canadian mills. This means that where importers are able to do business at all, they are compelled to accept very low margin of profit. As a matter of fact, at points distant from Montreal, import sales are impossible, save of Scotch brands which are always bought in fair quantities for mixing purposes.

Prices of the following lines have held steady during the past week:

Antimony.—The market is full and steady, at 83½ to 9c. per lb.

Bar Iron and Steel.—Prices are steady all round, and trade is decidedly dull. Bar iron, \$1.90 per 100 pounds; best refined horseshoe, \$2.15; forged iron, \$2.05; mild steel, \$1.90; sleigh shoe steel, \$1.90 for 1 x ¾-base; tire steel, \$1.95 for 1 x ¾-base; toe calk steel, \$2.40; machine steel, iron finish, \$2.

Boiler Tubes.—The market is steady, quotations being as follows:—2-inch tubes, 8c.; 2½-inch, 10c.; 3-inch, 11½c.; 3½-inch, 14½c.; 4-inch, 19c.

Building Paper.—Tar paper, 7, 10, or 16 ounce, \$2 per 100 pounds; felt paper, \$2.75 per 100 pounds; tar sheathing, No. 1, 60c. per roll of 400 square feet; No. 2, 40c.; dry sheathing, No. 1, 50c. per roll of 400 square feet, No. 2, 32c. (See also Roofing).

Cement—Canadian and American.—Canadian cement, \$1.65 to \$1.75 per barrel, in cotton bags, and \$1.90 and \$2.05 in wood, weights in both cases 350 pounds. There are four bags of 87½ pounds each, net, to a barrel, and 10 cents must be added to the above prices for each bag. Bags in good condition are purchased at 10 cents each. Where paper bags are wanted instead of cotton, the charge is 2½ cents for each, or 10 cents per barrel weight. American cement, standard brands, f.o.b. mills, 85c. per 350 pounds; bags extra, 10c. each, and returnable in good condition at 7½c. each.

Cement—English and European.—English cement is steady at \$1.85 to \$1.90 per barrel in jute sacks of 82½ pounds each (including price of sacks) and \$2.20 to \$2.30 in wood, per 350 pounds, gross. Belgian cement is quoted at \$1.75 to \$1.85 per barrel in bags, and \$2.05 to \$2.20 per barrel, in wood.

Copper.—The market is steady at 14 to 14½c. per pound. Demand continues limited.

Explosives and Accessories.—Dynamite, 50-lb cases, 40 per cent. proof, 18c. in single case lots, Montreal. Blasting powder, 25-lb kegs, \$2.25 per keg. Special quotations on large lots of dynamite and powder. Detonator caps, case lots, containing 10,000, 75c. per 100; broken lots, \$1. Electric blasting apparatus:—Batteries, 1 to 10 holes, \$15; 1 to 20 holes, \$25; 1 to 30 holes, \$35; 1 to 40 holes, \$50. Wire, leading, 1c. per foot; connecting, 50c. per lb. Fuses, platinum, single strength, per 100 fuses:—4-ft. wires, \$3.50; 6-ft. wires, \$4; 8-ft. wires, \$4.50; 10-ft. wires, \$5. Double strength fuses, \$1 extra, per 100 fuses. Fuses, time, double-tape, \$6 per 1,000 feet.

Iron.—Prices continue steady, pig iron now arriving being as follows for carload lots, on cars, on dock, Montreal; for larger lots, lower prices would be taken: No. 1 Summerlee, \$19.50 to \$20 per ton; No. 2 selected Summerlee, \$19 to \$19.50; No. 3, soft, \$18.50 to \$19; Cleveland, \$18.50; and No. 3 Clarence, \$18; Carron, special, \$19.50 to \$20; Carron, soft, \$18.50 to \$19.

Lead.—Trail lead is weak, but prices hold steady, at \$3.60 to \$3.70 per 100 pounds, ex-store.

Nails.—Demand for nails is moderate, but prices are steady at \$2.30 per keg for cut, and \$2.25 for wire, base prices.

Pipe—Cast Iron.—Small sizes of pipe are in good demand. At the moment 6-inch pipe is selling fast, and this occasions a slight advance in price: \$33 for 8-inch pipe and larger; \$34 for 6-inch pipe; \$34 for 5-inch, and \$34 for 4-inch at the foundry. Pipe, specials, \$2.10 per 100 pounds. Gas pipe is quoted at about \$1 more than the above.

Pipe—Wrought.—The market is quiet and steady at last week's range:—½-inch, \$5.50, with forty-eight per cent. off for black, and 48 per cent. off for galvanized; ¾-inch, \$5.50, with 59 per cent. off for black and 44 per cent. off for galvanized. The discount on the following is 69 per cent. off for black and 59 per cent. off for galvanized; 1-inch, \$8.50; 1-inch, \$16.50; 1¼-inch, \$22.50; 1½-inch, \$27; 2-inch, \$36, and 3-inch, \$75.50; 3½-inch, \$95; 4-inch, \$108.

Roofing.—Ready roofing, two-ply, 90c. per roll; three-ply, \$1.15 per roll, or \$1.50 complete, including one pound, each, of caps and roofing nails, and two gallons of cement.

Spikes.—Railway spikes are in dull demand and prices are unchanged at \$2.50 per 100 pounds, base of 5½ x 9-16. Ship spikes are also dull and steady at \$3 per 100 pounds, base of ¾ x 10-inch and ¾ x 12-inch.

Steel Shafting.—Prices are steady at the list, less 25 per cent. Demand is on the dull side.

NOTICE

Engineers and Architects will be wise to write us about
LEVELS AND TRANSITS
THE WILLSON STATIONERY CO., LTD.
WINNIPEG, MAN.

Steel Plates.—Prices are unchanged. Quotations are:—\$2.15 for 3-16, \$2.15 for ¼, and \$2.15 for ½ and thicker; 12-gauge being \$2.20; 14-gauge, \$2.10; and 16-gauge, \$2.10.

Tar and Pitch.—Coal tar, \$3.50 per barrel of 40 gallons, weighing about 500 pounds; coal tar pitch, No. 1, 75c. per 100 pounds, No. 2, 55c. per 100 pounds; pine tar, \$4.35 to \$4.50 per barrel of about 280 pounds; pine pitch, \$4.25 per barrel of 180 to 200 pounds.

Tin.—The market is steady, and is now quoted at 32½ to 33c. per pound.

Tool Steel.—Demand is light, but the market is firm. Base prices are as follows:—Jessop's best unannealed, 14½c. per pound, annealed being 15½c.; second grade, 8c., and high-speed, "Ark," 60c., and "Novo," 65c.; "Conqueror," 55 to 60c.; Sanderson Bros. and Newbould's "Sabon," high-speed, 60c.; extra cast tool steel, 14c., and "Colorado" cast tool steel, 8c., base prices. Sanderson's "Rex A" is quoted at 75c. and upward; Self-Hardening, 45c.; Extra, 15c.; Superior, 12c., and Crucible, 8c.; "Edgar Allan's Air-Hardening," 55 to 65c. per pound.

Zinc.—The market is unchanged, at 5 to 5½c. per pound.

* * * *

Winnipeg, August 5th, 1908.

All lines of work are progressing very favorably in the West in connection with the large contracts and other engineering matters now in hand. There is very little new work being contracted for, but the work now on hand will keep the large contractors busy for some time to come. The prices of lumber are reported to have taken a slight drop, which is credited to the inability of the mills in British Columbia to create a stronger demand for the special lines on which they have lowered the prices. The drop in prices will not affect the list prices of the lumber firms, as they will merely make a larger discount on their charges. Prices of all other lines remain the same, and with the splendid prospects for a large crop, the dealers all through the country are gaining increased confidence in the business outlook, and look for a very heavy increase in building for the coming year.

Anvils.—Per pound, 10 to 12½c.; Buckworth anvils, 80 lbs., and up, 10½c.; anvil and vise combined, each, \$5.50.

Bar Iron.—\$2.50 to \$2.60.

Beams and Channels.—\$4 to \$4.5 per 100 up to 15-inch.

Building Paper.—4½ to 7c. per pound. No. 1 tarred, 84c. per roll; plain, 60c.; No. 2 tarred, 62½c.; plain, 56c.

Bricks.—\$11, \$12, \$13 per 1,000, three grades.

Cement.—\$2.65 to \$2.75 per barrel.

Chain.—Coil, proof, ¼-inch, \$7; 5-16-inch, \$5.50; ¾-inch, \$4.90; 7-16-inch, \$4.75; ½-inch, \$4.40; ¾-inch, \$4.20; ¾-inch, \$4.05; logging chain, 5-16-inch, \$6.50; ¾-inch, \$6; ¾-inch, \$8.50; jack iron, single, per dozen yards 15c. to 75c.; double, 25c. to \$1; trace-chains, per dozen, \$5.25 to \$6.

Iron.—Swedish iron, 100 lbs., \$4.75 base; sheet, black, 14 to 22 gauge, \$3.75; 24-gauge, \$3.90; 26-gauge, \$4; 28-gauge, \$4.10. Galvanized—American, 18 to 20-gauge, \$4.40; 22 to 24-gauge, \$4.65; 26-gauge, \$4.65; 28-gauge, \$4.90; 30-gauge, \$5.15 per 100 lbs. Queen's Head, 22 to 24-gauge, \$4.65; 26-gauge English or 30-gauge American, \$4.90; 30-gauge American, \$5.15; Fleur de Lis, 22 to 24-gauge, \$4.50; 28-gauge American, \$4.75; 30-gauge American, \$5.

Pipe.—Iron, black, per 100 feet, ¼-inch, \$2.50; ¾-inch, \$2.80; ½-inch, \$3.40; ¾-inch, \$4.60; 1-inch, \$6.60; 1¼-inch, \$9; 1½-inch, \$10.75; 2-inch, \$14.40; galvanized, ½-inch, \$4.25; ¾-inch, \$5.75; 1-inch, \$8.35; 1¼-inch, \$11.35; 1½-inch, \$13.60; 2-inch, \$18.10. Lead, 6½c. per lb.

Pitch.—Pine, \$6.50 per barrel; in less than barrel lots, 4c. per lb.; roofing pitch, \$1. per cwt.

Dynamite.—\$11 to \$13 per case.

Roofing Paper.—60 to 67½c. per roll.

Nails.—\$4 to \$4.25 per 100. Wire base, \$2.85; cut base, \$2.90.

Tool Steel.—8½ to 15c. per pound.

Lumber.—No. 1 pine, spruce, tamarac, British Columbia fir and cedar—2 x 4, 2 x 6, 2 x 8, 8 to 16 feet, \$27.25, 2 x 20 up to 32 feet, \$38.

Timber.—Rough, 8 x 2 to 14 x 16 up to 32 feet, \$34; 6 x 20, 8 x 20 up to 32 feet, \$38; dressed, \$37.50 to \$48.25.

Boards.—Common pine, 8-inch to 12-inch wide, \$38 to \$45; siding, No. 2 white pine, 6-inch, \$55; cull red or white pine or spruce, 6-inch, \$24; No. 1 clear cedar, 6-inch, 8 to 16 ft., \$60; Nos. 1 and 2 British Columbia spruce, 6-inch, \$55; No. 3, \$45.

Thermit Welding Process



Repairs broken steel crank shafts, locomotive frames, sternposts and rudder frames of steamships IN PLACE. No need of removing the broken part.

"THERMIT" is a mixture of finely divided aluminum and iron oxide which, upon ignition, reacts to form superheated liquid steel at a temperature of 5400° F. The crucible in which the reaction takes place and the other appliances are easily transportable, and the process permits of the weld being performed anywhere without the aid of outside power.

Write for Pamphlet No. 18-F.

GOLDSCHMIDT THERMIT COMPANY

103 RICHMOND STREET WEST, TORONTO, ONT.

General Offices: 90 West St., NEW YORK.

Pacific Coast Branch: 432-6 Folsom St., SAN FRANCISCO