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CENSUS OF INDUSTRY-FOREST PRODUCTS BRANCH

OTTAWA, CANADA

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ROOFING PAPER AND WALL BOARD 1930

Ottawa, August, 1931. - A report on the manufacture of composition roofing paper, shingles, saturated felts and sheathings and of insulating and construction boards in Canada during the calendar year 1930 has been issued by the Forest Products Branch of the Dominion Bureau of Statistics at Ottawa.

The report deals first with the production of roofing materials and wall boards made principally of paper as reported by the eleven establishments which specialize in its manufacture. These eleven establishments form an industrial group which is treated as a separate industry under the Industrial Census.

There are also a number of establishments which specialize in the production of other commodities and are classed in other industrial groups but which report the production of paper roofing and wall boards as side lines or by-products. There are still other plants manufacturing composition roofing and wallboards made principally of some material other than paper such as flax straw, gypsum, asbestos, etc.

The grand total of the production of all classes of composition roofing, insulating and construction boards as reported by all these different industrial groups is shown in two separate tables in the report.

Of the eleven establishments which form the industry proper, one was located in New Brunswick, three in Quebec, four in Ontario, one in Manitoba and two in British Columbia. Generally speaking these firms purchase felt paper and paper boards from the paper mills and treat these with different water-proofing and fire-resisting preparations to render them more suitable for roofing and insulating purposes.

There was a total of \$5,347,233 invested in the eleven plants which form the industry proper. It gave employment to 160 salaried employees and 332 wage earners, comprising 440 males and 52 females. The total pay roll amounted to \$768,990. The total cost of materials was \$2,652,393 and the gross value of production was \$5,473,990 giving as the net value of production or value added by manufacture, \$2,821,592.

The following table gives the principal statistics of the eleven establishments in this group for the calendar years 1929 and 1930.

Table 1.- Principal Statistics

	1929	1930
Establishments.....No.	11	11
Capital invested.....\$	7,439,641	5,347,233
Employees on salaries.....No.	207	160
Salaries paid.....\$	511,220	375,455
Employees on wages.....No.	343	332
Wages paid.....\$	434,632	393,535
Fuel used.....\$	88,543	70,238
Cost of materials.....\$	3,018,273	2,652,393
Value of products.....\$	6,111,663	5,473,990

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In all cases the figures for 1930 show decided decreases over those for 1929. The raw materials used are principally paper, felt and paper board. For the further treatment of this material the firms purchase large quantities of tar, asphalt, flux oil and other waterproofing and fire resisting chemicals as well as adhesives and colours. They also purchase a large quantity of mineral surfacing for composition roofings and sidings which consists of magnesite, silico sand, dolomite, crushed slate and other stone, talc, feldspar, marble dust, asbestos and asbestos sand.

The eleven establishments in this group reported the purchase of 14,673 tons of felt and other paper valued at \$953,029 and 6,555 tons of paper board valued at \$288,669. They also purchased 160 tons of wrapping paper valued at \$19,625 and \$1,391,075 worth of chemicals, surfacing materials and other supplies.

The products of the industry are composition roofing in rolls, composition shingles and slates, saturated felts and sheathings, composition sidings, building paper, and insulating and construction wallboards of all kinds. Roofing is sold by the roll or "square", a square consisting of 108 square feet of material sufficient to cover an area of a hundred square feet of roof with the necessary overlapping. Shingles and slates are usually sold by the square also. Ordinary building paper is sold by the roll which usually contains four squares while saturated felts and sheathings are sold by the ton and wall boards by the square foot or ton.

The figures given above refer to the operations of the following eleven establishments whose principal product was roofing paper or wallboard made principally of paper or paper board.-

Roofing Manufacturers

Brantford Carritte Co., Ltd., Coldbrook, N.B.
The Barrett Co., Ltd., 5551 St. Hubert St., Montreal, P.Q.
Building Products Ltd., 225 St. Patrick St., Montreal, P.Q.
Brantford Roofing Co., Ltd., 22 Sydenham St., Brantford, Ont.
Building Products Ltd., 70 Beach Road, Hamilton, Ont.
Toronto Asphalt Roofing Mfg. Co., Ltd., Oxford Drive, Mount Dennis, Toronto 9, Ont.
Marshall-Wells Co., Ltd., Market St. E., Winnipeg, Man.
The Barrett Co. Ltd., 9250 Oak St., Marpole, Vancouver, B.C.
Canada Roof Products, Ltd., 2627 Arbutus St., Vancouver, B.C.

Wall Board Manufacturers

The Beaver Co., Ltd., Thorold, Ont.
Building Products, Ltd., Portneuf, P.Q.

Table 2.- Total production of composition roofing of all kinds as reported by all industrial groups.

	Quantity		Value	
	1929	1930	1929	1930
Composition roofing rolls or squares	1,433,555	1,660,595	2,627,532	2,392,967
Composition shingles squares	407,719	399,245	2,162,145	2,303,215
Saturated felts and sheathings, tons	19,516	14,605	1,598,854	1,117,051

The following establishments, classed in other industrial groups, reported the production of composition roofing and with those included in the industry proper, contributed to the figures in the table above for 1929 and 1930.

The Barrett Co., Ltd., Montreal, Toronto, Winnipeg and Vancouver.
 The Hamilton Tar Products Limited, Hamilton, Ont.
 The Dominion Tar and Chemical Co., Ltd., Ville la Salle, Que., and St. Boniface, Man.
 Canadian Johns-Mannville Co., Ltd., Asbestos, Que.
 The Asbestos Manufacturing Co., Lachine, Que.
 The Sydney Roofing Co., Ltd., Victoria, B.C.
 The Roofer's Supply Co., Ltd., Toronto, Ont.

Table 3,- Total production of building, insulating and wall boards of all classes as reported by all industrial groups

	Quantity		Value	
	1929	1930	1929	1930
Reported in square feet	98,712,763	78,317,010	2,474,393	1,915,173
Reported in tons (2,000 lbs.)	14,910	20,187	969,247	1,413,943
Total value	-----	-----	3,443,640	3,329,126

The following establishments, classed in other industrial groups, reported the production of insulating and construction wallboards and with those included in the industry proper, contributed to the figures in the above table for 1929 and 1930.

The Asbestos Manufacturing Co., Ltd., Lachine, Que.
 Western Gypsum Products, Limited, Winnipeg, Man.
 Gypsum Lime and Alabastine Canada Limited, Montreal, Que., Caledonia, Ont.
 Canada Gypsum and Alabastine, Ltd., Port Mann, B.C.
 Flax Fibre Products Limited, Selkirk, Man.
 Building Products Limited, Portneuf, Que.
 The International Fibreboard Co., Ltd., Gatineau, Que.
 The Port Alfred Pulp and Paper Corporation, Port Alfred, Que.



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