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## CENSUS OF INDUSTRY-FORST PRODUCTS BRANCH

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## ROOFING PAPER AND WALL BOARD, 1929

Ottawa, September, 1930. - 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 1929 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 \$7,439,641 invested in the eleven plants which form the industry proper. It gave employment to 207 salaried employees and 343 wage earners comprising 493 males and 57 females. The total payroll amounted to \$945,852. The total cost of materials was \$3,018,273 and the gross value of production was \$6,111,663 giving as the net value of production or value added by manufacture, \$3,093,390.

The following table gives the principal statistics of the eleven establishments in this group for the calendar years 1928 and 1929.

Table 1.- Principal Statistics

	1928
Establishments.....No.	10
Capital invested.....\$	4,484,897
Employees on salaries.....No.	128
Salaries paid.....\$	356,723
Employees on wages.....No.	301
Wages paid.....\$	379,113
Fuel used.....\$	83,383
Cost of materials.....\$	2,959,463
Value of products.....\$	5,844,387
	1929
Establishments.....No.	11
Capital invested.....\$	7,439,641
Employees on salaries.....No.	207
Salaries paid.....\$	511,220
Employees on wages.....No.	343
Wages paid.....\$	434,632
Fuel used.....\$	88,543
Cost of materials.....\$	3,018,273
Value of products.....\$	6,111,663

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In all cases the figures for 1929 show decided increases over those for 1928. 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, silicosand, dolomite, crushed slate and other stone, talc, feldspar, marble dust, asbestos and asbestos sand.

The eleven establishments in this group reported the purchase of 18,478 tons of felt and other paper valued at \$1,216,868 and 6,180 tons of paper board valued at \$278,922. They also purchased 278 tons of wrapping paper valued at \$33,869 and \$1,488,614 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.

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 Co., Ltd. Mount Dennis, Toronto, Ont.  
Marshall-Wells Co., Ltd., Elmwood, Winnipeg, Man.  
The Barrett Co. Ltd., 9250 Oak St., 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	
	1928	1929	1928	1929
Composition roofing rolls or squares .....	1,516,398	1,433,555	2,781,153	2,627,532
Composition shingles squares.....	308,034	407,719	1,797,266	2,162,145
Saturated felts and sheathings, tons.....	23,171	19,516	1,666,399	1,598,854





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,-

The Barrett Co., Ltd., Montreal, Toronto, Winnipeg and Vancouver.  
 The Hamilton Tar Products Limited, Hamilton, Ont.,  
 The Dominion Tar and Chemical Co., Ltd., Hamilton, Ont.  
 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
	tons	square feet	\$
1928.....	-----	209,384,043	4,444,292
1929.....	53,829	-----	2,687,387
	-----	99,796,624	2,504,573
Total value, 1929.....	-----	-----	5,191,960

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. -

The Asbestos Manufacturing Co., Ltd., Lachine, Que.  
 The Canada Gypsum Co., Ltd., Montreal, Que., Caledonia, Ont.,  
 Winnipeg, Man., Port Mann, B.C.  
 Flax Fibre Products Limited, Selkirk, Man.  
 Beaver Wood Fibre Co., Ltd., Thorold, Ont.  
 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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