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DEPARTMENT OF TRADE AND COMMERCE

DOMINION BUREAU OF STATISTICS

FORESTRY BRANCH

PRELIMINARY REPORT

on the

ROOFING PAPER INDUSTRY

in

CANADA

1932

Published by Authority of the Hon. H.H. Stevens, M.P.,
Minister of Trade and Commerce.

OTTAWA

1933

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Note.- Production figures as given in this bulletin do not necessarily represent the total output in Canada of the commodities listed, as there may be also a considerable production in other industrial groups. For complete information this bulletin must be read with the rest of the series on paper industries and other publications of the Census of Industry.

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS - CANADA
FORESTRY BRANCH

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Forestry Branch:

R. H. Coats, B.A., F.S.S. (Hon.), F.R.S.C.
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THE ROOFING PAPER INDUSTRY, 1932.

Ottawa, Sept. 20, 1933, - A report on the manufacture of composition roofing in Canada for the calendar year 1932 has just been issued by the Forestry Branch of the Dominion Bureau of Statistics at Ottawa. The production of wallboard, hitherto included with roofing paper is now grouped with miscellaneous paper goods.

The present report deals primarily with the activities of the eleven establishments which specialise in the production of roofing material made principally of paper or paper felt. These eleven establishments form an industrial group, treated as a separate industry under the Industrial Census.

There are also a number of other establishments, specialising in the production of other commodities, which report the manufacture of composition roofing of this class as a side-line or by-product. Statistics relating to these establishments are not included in the body of the present report. A special table, however, has been appended showing the total Canadian production in 1932 of the six most important classes of composition roofing, regardless of the industrial groups by which it was reported. Quantity figures for 1931, for the first 7 months of 1933 and for the corresponding 7 months of 1932 are also given for comparison.

In both 1931 and 1932 the eleven establishments which form the industry proper were located as follows: 4 in Quebec, 3 in Ontario, 2 in British Columbia and one each in Manitoba and New Brunswick.

Capital employed in this industry in 1932 amounted to \$5,244,999. The value placed on lands, buildings, machinery and other equipment was \$2,065,417; inventory value of materials on hand, stocks in process, fuel and miscellaneous supplies on hand at the end of the year was placed at \$263,434, while the inventory value of finished products on hand was given at \$469,023; operating capital, consisting of cash, bills and accounts receivable, prepaid expenses, etc., totalled \$2,447,125.

The average number of employees in 1932 was 472. The 174 salaried employees, of whom 27 were female, were paid \$398,218, and the 298 male wage-earners received \$269,619.

Fuel was used to the amount of \$71,839 in 1932. Bituminous coal cost \$46,977, fuel oil \$13,047, anthracite \$5,418, wood \$2,483, manufactured gas \$2,403, gasoline \$1,327, coke \$132 and kerosene \$52. Power employed totalled 2,563 H.P., of which 2,061 H.P. were provided by 186 motors operated by purchased power. There were also 5 steam engines rated at 87 H.P., 2 gasoline and oil engines developing 65 H.P., and 2 hydraulic turbines or water wheels producing 350 H.P. The electricity consumed amounted to 921,890 K.W.H. costing \$19,911.

Generally speaking these firms purchase felt paper and sheathings from the paper mills and treat them with different water-proofing and fire-resisting preparations to render them more suitable for roofing and insulating purposes. The materials used in 1932 were valued at \$1,398,969, of which \$498,634 represented wood-pulp, rags, old or waste paper, and other fibre and purchased felts and sheathings. The value of asphalt, tar and other saturating materials was \$408,077; mineral surfacings of all kinds were valued at \$227,479; and all other materials at \$264,779.

The total value of all products in the industry proper in 1932 amounted to \$3,677,994 as compared to \$4,716,549 in 1931. Asphalt saturated rag felt shingles produced amounted to 219,650 squares (a square consisting of material necessary to cover 100 square feet of surface) valued at \$1,190,646. Smooth surfaced roll roofing came next with 563,205 squares or rolls valued at \$1,007,944. Mineral surfaced roll roofing amounted to 216,309 squares valued at \$445,610. Tar and asphalt saturated rag felts amounted to 3,223 tons valued at \$219,895. Saturated sheathings amounted to 3,021 tons valued at \$177,347 and asphalt sidings to 31,759 squares valued at \$174,529.

Roofing Paper Industry - 1931 - 1932.

All other products consisting of a number of other tar and asphalt saturated products and uncoated building and roofing paper were valued at 462,023.

There were decreases in practically all these items from 1932 to 1933.

With regard to the total production of these main items for Canada as a whole there were also decreases to be noted except in the case of mineral surfaced rag felt roofings which increased from 209,365 squared to 213,006 squares. The figures so far received for the first 7 months of the current year, however, show a decided improvement in the industry. Increases were reported with smooth surfaced and mineral coated rag felt roofings and with tar and asphalt saturated sheathings.

Table 1. - Principal Statistics, 1931-1932.

Items	Unit	1931	1932
Establishments.....	No.	11	11
Capital invested.....	\$	4,914,222	5,244,999
Employees on salaries.....	No.	171	174
Salaries paid.....	\$	388,367	398,218
Employees on wages.....	No.	307	298
Wages paid.....	\$	347,613	269,619
Fuel used.....	\$	78,626	71,839
Electricity purchased.....	K.W.H.	1,061,167	921,890
Electricity purchased.....	\$	21,037	19,911
Cost of materials.....	\$	1,989,634	1,398,969
Value of products.....	\$	4,716,549	3,677,994

Table 2. - Distribution of Establishments by Provinces, 1931 - 1932.

Provinces	1931	1932
	No.	No.
CANADA	11	11
Quebec	4	4
Ontario	3	3
British Columbia	2	2
Manitoba	1	1
New Brunswick	1	1

Table 3. - Capital Invested, 1931-1932.

Items	1931	1932
	\$	\$
TOTAL	4,914,222	5,244,999
Land, buildings, fixtures and machinery	2,009,202	2,065,417
Materials, stocks, etc., on hand	260,874	263,434
Finished products on hand	431,333	469,023
Cash, trading and operating accounts	2,212,813	2,447,125

STATE OF NEW YORK

IN SENATE,
January 11, 1906.

REPORT OF THE COMMISSIONER OF THE LAND OFFICE.

ALBANY:
J. B. LIPPINCOTT & CO., PRINTERS,
1895.

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Roofing Paper Industry, 1931 - 1932.

Table 4. - Employment, 1931-1932.

Classes of employees	Total Number of employees		Males		Females		Total salaries and wages	
	1931	1932	1931	1932	1931	1932	1931	1932
	No.	No.	No.	No.	No.	No.	\$	\$
TOTAL	478	472	425	445	53	27	735,980	667,837
Salaried employees	171	174	118	147	53	27	388,367	398,218
Wage-earners	307	298	307	298			347,613	269,619

Table 5. - Fuel Used, 1931-1932.

Kind of fuel	Unit	Quantity		Value	
		1931	1932	1931	1932
				\$	\$
TOTAL		-	-	78,626	71,839
Bituminous coal Canadian	Tons	2,787	2,661	16,447	15,644
Bituminous coal, imported	Tons	5,933	5,531	35,427	31,333
Anthracite	Tons	1,812	1,519	6,514	5,418
Coke	Tons	-	17	-	132
Gasoline	Gals.	4,000	4,500	1,200	1,327
Kerosene	Gals.	500	255	110	52
Fuel Oil	Gals.	191,181	202,460	13,626	13,047
Wood	Cords	599	697	2,375	2,483
Gas, manufactured	M cu.ft.	2,804	2,999	2,804	2,403
Other fuel		-	-	123	-

Table 6. - Power Employed, 1931-1932.

	No. of Units		Total H.P.	
	1931	1932	1931	1932
Steam engines and steam turbines	5	5	87	87
Gasoline, gas and oil engines	2	2	65	65
Hydraulic turbines or water wheels	2	2	350	350
Electric motors operated by purchased power	174	186	2,028	2,061
Boilers	11	11	1,170	1,170

Table 7 (a) - Materials Used, 1931.

Kind	Unit	Quantity	Value
			\$
TOTAL			1,989,634
Wrapping paper	lbs.	348,540	22,623
Paper board	lbs.	3,190,000	91,200
All other paper & felts	lbs.	13,317,193	610,708
All other materials including wood pulp screenings, rags, including cotton and flax waste and sweepings, and old or waste paper.....	-	-	1,221,347
Containers and other packing materials	-	-	43,756

1. Name of the person or organization to whom the letter is addressed.

2. Address of the person or organization to whom the letter is addressed.

3. Date of the letter.

4. Salutation or greeting.

5. Body of the letter, containing the main message.

6. Closing or sign-off.

7. Signature or name of the sender.

8. Address of the sender.

9. Date of the letter.

10. Any other relevant information or notes.

11. Name of the person or organization to whom the letter is addressed.

12. Address of the person or organization to whom the letter is addressed.

13. Date of the letter.

Roofing Paper Industry, 1931 - 1932.

Table - 7 (b) - Materials Used, 1932.

Kind	Unit	Quantity	Value
			\$
TOTAL			
WOODPULP			1,398,969
Sulphate or kraft	Tons	387	33,704
Screenings	"	130	1,300
Rags, including cotton and flax waste sweepings	"	2,200	35,200
All other fibre	"	765	20,608
Felts and sheathings, purchased	"	8,649	407,822
Asphalt	"	24,844	376,387
Tar	Gals.	293,853	29,640
Other saturating materials		-	2,050
MINERAL SURFACINGS			
Asbestos	Tons	130	2,693
Mica, ground	"	21	683
Silica sand	"	238	1,230
Talc	"	1,129	12,922
Other mineral surfacings	"	16,675	209,951
OTHER SPECIFIED MATERIALS			
Wrapping paper	"	28	3,232
All other materials including flux oil, roofing nails, scrap and colorings		-	236,925
Containers		-	24,622

Table 8. - Products of the Roofing Paper Industry, 1931 and 1932.

Note: Data given in this table are for the Roofing Paper Industry only and represent only the output of the firms listed in this group (See directory, page 5). The figures for the individual items do not necessarily represent the total output in Canada as these articles may also have been produced as by-products or side lines by concerns classified in other industrial groups. For the total Canadian output of the principal classes of paper roofing see next table.

	1931		1932	
	Quantity	Value	Quantity	Value
Asphalt saturated rag felt shingles, squares	208,858	1,687,815	219,650	1,190,646
Asphalt saturated rag felt siding, squares	55,668	314,297	31,759	174,529
Smooth surfaced prepared rag felt roofing..... squares	779,676	1,327,321	563,205	1,007,944
Mineral surfaced prepared rag felt roofing..... squares	219,992	453,995	216,309	445,610
Tar and asphalt saturated rag felts, tons	4,187	313,082	3,223	219,895
Tar and asphalt saturated rag felt sheathings.....tons	3,787	243,569	3,021	177,347
All other products, including road materials, premoulded asphalt products, plastic car roofing, paint house products, colas, braco, liquid roof coatings, paints and cements, bridge plant, industrial flooring, tile flooring, expansion joint, plastic shingles, insul-bric siding, untreated building and roofing paper and other miscellaneous products.....	-	376,470	-	462,023
TOTAL	-	4,716,549	-	3,677,994

Roofing Paper Industry, 1931 - 1932.

Table 9. - Total production of roofing paper in Canada, 1932.

Note.- The figures given in this table represent the total quantity and value of the six most important classes of roofing paper produced in Canada in 1932 regardless of the industrial groups by which they were reported. Quantity figures for 1931, for the first 7 months of 1933, and for the corresponding 7 months of 1932 are also given for comparison.

Products	1932 (Year)		1931 (Year)	1933 1st. 7 mos.	1932 1st. 7 mos.
	Quantity	Value	Quantity	Quantity	Quantity
Asphalt saturated rag felt shingles..... squares	246,537	1,269,372	376,672	121,332	147,811
Asphalt saturated rag felt siding.....squares	34,328	178,884	57,042	12,957	20,977
Smooth surfaced prepared rag felt roofing, squares	570,174	998,595	768,361	379,682	313,259
Mineral surfaced prepared rag felt roofing, squares	213,006	438,137	209,365	131,219	104,288
Tar and asphalt saturated rag felts..... tons	7,067	386,790	10,780	3,504	3,982
Tar and asphalt saturated sheathings..... tons	5,402	241,600	6,509	2,609	2,374

Directory of firms specialising in the manufacture of roofing paper and
classified in this industrial group:

Barrett Co., Ltd., 5551 St. Hubert St., Montreal, P.Q., (H.O.), and 9250
Oak St., Vancouver, B.C.

Bishop & Sons, Ltd., Portneuf Station, Que.

Brantford-Carritte Co., Ltd., Coldbrook, N.B. (H.O. Brantford, Ont.)

Brantford Roofing Co., Ltd., 22 Sydenham St., Brantford, Ont.

Building Products, Ltd., 225 St. Patrick St., Ville La Salle, Que.
and 70 Beach Road, Hamilton, Ont. (H.O. P.O.Box 2529, Montreal, Que.).

Canada Roof Products, Ltd., 2627 Arbutus St., Vancouver, B.C.

Marshall-Wells, Ltd., Elmwood, Man. (H.O. Market St. E., Winnipeg, Man.).

Scutan Co. of Canada, Ltd., Windsor Mills, Que. (H.O. 407 McGill St.,
Montreal, Que.).

Toronto Asphalt Roofing Mfg. Co., Ltd., Oxford Drive, Mount Dennis,
Toronto 9, Ont.



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