

THE ROOFING FELTS TRADE

INTRODUCTORY

This trade comprises firms that were engaged wholly or mainly in the manufacture of roofing felts and dampcourses and similar fabrics.

Table I A.—General summary

Particulars	1935	1934	1933	1930	1924
	£'000	£'000	£'000	£'000	£'000
Value of products (Gross output)	1,302	1,090	1,056	1,034	931
Cost of materials, fuel and electricity used	710	607	585	593	544
Amount paid for work given out	I	2	I	—	—
Net output	591	481	470	441	387
	No.	No.	No.	No.	No.
Average number of persons employed	1,602	1,467	1,396	1,227	1,117
	£	£	£	£	£
Net output per person employed	369	328	337	359	346
	No.	No.	No.	No.	No.
Number of returns	23	*	*	21	23
Number of establishments	25	*	*	25	*

* Not available.

Table I B.—Firms employing not more than ten persons on the average

Particulars	1935	1930	1924
	No.	No.	No.
Number of returns received	2	7	4
Average number of persons employed:—			
Males	12	24	20
Females	1	3	5
Total	13	27	25
Number of firms not making returns	—	—	—

In 1924 the value of the gross output of the small firms was 1.3 per cent. of the total.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24	7	117	53	149	357
25-49	9	196	72	318	226
50-99	6	271	117	425	276
100 and over	3	718	349	710	491
TOTAL	25	1,302	591	1,602	369

Table III.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establishments†	Gross output	Net output	Average number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1	10	655	317	728	435
18	7	601	258	543	476
	5	78	35	206	170
	5	152	79	263	300
2	6	491	207	563	368
Other areas	4	78	32	105	306
Other areas	10	569	239	668	358
	9	281	104	421	246
Total	25	1,302	591	1,602	369
	21	1,034	441	1,227	359

* For particulars see page xviii.

† Number of returns for 1930.

Table IV.—No sub-divisions of this trade have been distinguished.

Table V A.—Output of principal products

Kind of output	1935				1934		
	Quantity		Value	Entries	Quantity		Value
	Th. cwts.	Th. sq. yds.	£'000	No.	Th. cwts.	Th. sq. yds.	£'000
Roofing felts*:							
Tarred flax felts	118.1	7,694	120	8	95.2	6,509	108
Paper felts:—							
Bituminous self-finished felts	718.1	32,958	643	17	608.0	29,862	499
Tarred and sanded or similar finish felts	94.9	2,797	30	12	109.3†	3,553†	50†
Hair felts	22.7	1,008	65	11	21.7	944	60
TOTAL—Roofing felts	953.8	44,457	858	...	834.2	40,868	717
Dampcourses and similar fabrics	247.8	4,609	185	22	204.0	4,093	165
TOTAL—PRINCIPAL PRODUCTS	1,201.6	49,066	1,043	...	1,038.2	44,961	882

* Including all felts used for sarking and sheathing. † Corrected figure.

The figures shown in the preceding table include the following output recorded by firms whose returns were made on schedules for other trades and are not, therefore, included in Table I A.

Kind of output	1935				1934		
	Quantity		Value	Entries	Quantity		Value
	Th. cwts.	Th. sq. yds.	£'000	No.	Th. cwts.	Th. sq. yds.	£'000
Roofing felts :— Tarred flax felts	6.7	327	6	1	7.2	396	7
Tarred and sanded or similar finish paper felts ...	—	—	—	—	3.3	160	2
Dampcourses and similar fabrics ...	13.6	503	13	3	12.0	394	11
TOTAL ...	20.3	830	19	...	22.5	950	20

Table V B.—Output of certain principal products, 1924-1935

Kind of goods	1924	1930	1933	1934	1935
Roofing felts (including all felts for sarking and sheathing) :—					
Tarred flax felts { Th. sq. yds. / £'000 ...	2,747 / 53	3,522 / 81	6,161 / 104	6,509 / 108	7,694 / 120
Paper felts :—					
Bituminous self-finished felts... { Th. sq. yds. / £'000 ...	16,979 / 433	22,883 / 509	27,175 / 499	29,862 / 499	32,958 / 643
Tarred and sanded or similar finish felts ... { Th. sq. yds. / £'000 ...	4,714 / 94	3,593 / 60	3,084 / 46	3,553 / 50	2,797 / 30
Hair felts ... { Th. sq. yds. / £'000 ...	429 / 27	680 / 40	855 / 50	944 / 60	1,008 / 65
Unclassified felts { Th. sq. yds. / £'000 ...	9,729 / 201	7,473 / 145	— / —	— / —	— / —
TOTAL—Roofing felts { Th. sq. yds. / £'000 ...	34,598 / 808	38,151 / 835	37,275 / 699	40,868 / 717	44,457 / 858
Dampcourses and similar fabrics ... { Th. sq. yds. / £'000 ...	... / 80*	... / 117	3,573 / 152	4,093 / 165	4,609 / 185
TOTAL—PRINCIPAL PRODUCTS ... { £'000 ...	888	952	851	882	1,043

* Including £19,000 for dampcourses and roofing felts, unclassified.

Table VI.—Average values of goods produced, exported and imported

Kind of goods	Production (at factory)			Exports (f.o.b.)		Imports (c.i.f.)	
	Average value		1935 as a percentage of 1934	Average value		Average value	
	1935	1934		1935	1934	1935	1934
Roofing felts (including all felts used for sarking and sheathing) :—			Per cent.				
Tarred flax felts ... (a)	1.02	1.14	89.3				
... (b)	15.62	16.66	93.8				
Paper felts :—				*	*	*	*
Bituminous self-finished felts ... (a)	0.90	0.82	109.1				
... (b)	19.51	16.71	116.7				
Tarred and sanded or similar finish felts (a)	0.32	0.46	69.5				
... (b)	10.79	14.09	76.6				
Hair felts ... (a)	2.83	2.76	102.5				
... (b)	63.72	63.37	100.6				
Roofing felts—all descriptions ... (a)	0.90	0.86	104.5	0.83	0.78	1.05	0.99
... (b)	19.29	17.54	110.0	*	*	*	*
Dampcourses and similar fabrics ... (a)	0.75	0.81	92.6	*	*	*	*
... (b)	40.23	40.29	99.8				

(a) £ per cwt.

(b) £ per th. sq. yds.

* Not recorded.

Table VII.—Volume of Production, 1924-1935

Kind of output	Total production			Production index (1935 = 100)			
	1935 as returned	1934		1924	1930	1933	1934
		As returned	At 1935 average values				
Roofing felts (including all felts used for sarking and sheathing) ...	£'000	£'000	£'000	Per cent.	Per cent.	Per cent.	Per cent.
...	858	717	782	72	84	82	91
Dampcourses and similar fabrics ...	185	165	165	35	60	78	89
TOTAL ...	1,043	882	947	65	80	82	91

Table VIII.—Production in relation to Exports and Imports

Kind of goods	Production	Exports	Proportion of production exported	Retained imports	Available for use in the United Kingdom		Share of home market held by British goods
					Th. cwts.	Th. cwts.	
Roofing felts	1935	128.7	13.5	21.0	846.1	97.5	98.9
	1934	127.1	15.2	8.1	715.2	98.9	

Table IX.—Other output of the Roofing Felts Trade

The value of the gross output of the firms whose returns were made on schedules for the Roofing Felts Trade was £1,302,000 in 1935 and £1,090,000 in 1934, of which £1,024,000 in 1935 and £862,000 in 1934 consisted of products included in Table V A. Particulars of the remaining items are shown below.

Kind of output	1935		1934	
	Quantity	Value	Quantity	Value
	Tons	£'000	Tons	£'000
Bituminous coverings...	2,612	40	1,543	26
Impregnated felt for floor coverings...	9,263	108	9,794	113
Other goods made	...	92	...	59
Work done on buildings	...	38*	...	30*
TOTAL	...	278	...	228

* Amount received.

MATERIALS AND FUEL

Table X A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935		1934
	Quantity	Cost	Cost
	Th. tons	£'000	£'000
Fuel and electricity used for all purposes:			
Coal	14.9	16	607
Coke	2.4	3	
Heavy fuel oil	434	7	
Purchased electricity*	1,555	6	
All materials and other fuel used...	...	678	
TOTAL...	...	710	607

* Including electricity generated in other works under the same ownership.

Table X B.—Consumption of coal, coke and electricity in 1935 and 1930

Kind of fuel	1935	1930
		Th. tons	Th. tons
Coal	14.9	12.2
Coke	2.4	1.5
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Electricity:—		
Generated in same works	26	294
Generated in other works under same ownership	319	*
Purchased	1,236	545
Total electricity consumed	1,581	839

* Not recorded separately.

EMPLOYMENT

Table XI A.—Average numbers employed in 1935 and 1934

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
	Operatives (average for the year)	88	1,073	19	123	107	1,196
Administrative, technical and clerical staff*	64	949	14	127	78	1,076
	29	314	4	92	33	406
	17	298	2	93	19	391
TOTAL	117	1,387	23	215	140	1,602
	81	1,247	16	220	97	1,467

* As at 12th October, 1935, and 13th October, 1934.

Table XI B.—Operatives employed in one week in each month of 1934 and 1935 by firms furnishing returns in respect of the twelve months ended December

Mid week of*	Operatives employed		Monthly index †		
	1934	1935	1933	1934	1935
January	544	672	76.5	85.2	98.5
February	552	660	82.0	86.4	96.8
March	536	677	82.3	83.9	99.3
April	548	676	85.8	85.8	99.1
May	555	676	87.2	86.9	99.1
June	576	670	88.0	90.2	98.2
July	578	667	87.7	90.5	97.8
August	585	669	87.5	91.6	98.1
September	579	678	84.1	90.7	99.4
October	604	709	86.3	94.6	104.0
November	612	710	88.4	95.8	104.1
December	622	725	87.2	97.4	106.3
Average for the twelve months ...	574	682	85.2	89.9	100.0
Proportion of total operatives represented	53.35	57.02	...	...	...

* For the ending date of each week see page xiv.

† Based on the estimated average for the year 1935.

Table XI C.—Average numbers employed, 1924-1935

Year	Operatives	Administrative, technical and clerical staff	Total
1924	883	234	1,117
1930	919	308	1,227
1933	1,020	376	1,396
1934	1,076	391	1,467
1935	1,196	406	1,602

WAGES

Table XII.—Wages paid by firms furnishing returns of wages in 1935 and 1930

The aggregate amount of wages paid by firms furnishing returns of wages was £126,000 in 1935 representing 25.9 per cent. of the net output of these firms, the corresponding figures for 1930 being £71,000 and 25.6 per cent. The figures for these firms given below indicate the size of the sample and the extent to which it is representative.

Firms furnishing returns of wages	1935		1930*	
	Aggregate	Proportion of trade	Aggregate	Proportion of trade
Gross output... ..	£'000	Per cent.	£'000	Per cent.
Net output	1,072	82.3	665	75.4
	486	82.2	277	76.5
Operative staff employed :—	No.		No.	
During mid-week of October :—				
Males	844	76.7	} †	†
Females	99	78.0		
Total	943	76.9	455	64.4
Average for the year	910	76.0	445	64.5
Administrative, technical and clerical staff	315	77.7	†	†
Number of establishments... ..	14	56.0	...	...

* Great Britain only. † Not recorded separately.

COUNTRY TABLES (1935)

Note.—The particulars given in the following tables relate only to firms whose returns were made on schedules for the Roofing Felts Trade.

Owing to the possible disclosure of information relating to individual firms, separate particulars for England and Wales and for Scotland cannot be given.

Table I.—General summary

Particulars	Unit	Great Britain	Northern Ireland
Value of products (Gross output) ...	£'000	1,224	78
Cost of materials, fuel and electricity used ...	"	667	43
Amount paid for work given out ...	"	1	—
Net output ...	"	556	35
Average number of persons employed ...	No.	1,396	206
Net output per person employed ...	£	399	170
Number of returns ...	No.	18	5
Number of establishments ...	"	20	5

Table II.—Output

Kind of output	Unit	Great Britain	Northern Ireland	United Kingdom
Roofing felts (including all felts used for sarking and sheathing) :—				
Tarred flax felts ...	Th. cwts. Th. sq. yds. £'000			111.4 7,367 114
Paper felts :—				
Bituminous self-finished felts	Th. cwts. Th. sq. yds. £'000	*	*	718.1 32,958 643
Tarred and sanded or similar finish felts ...	Th. cwts. Th. sq. yds. £'000			94.9 2,797 30
Hair felts ...	Th. cwts. Th. sq. yds. £'000			22.7 1,008 65
TOTAL—Roofing felts ...	Th. cwts. Th. sq. yds. £'000	859.6 39,268 790	87.5 4,862 62	947.1 44,130 852
Dampcourses and similar fabrics	Th. cwts. Th. sq. yds. £'000	*	*	234.2 4,106 172
Other goods made and work done on buildings ...	£'000			278
TOTAL ...	£'000	1,224	78	1,302

* Owing to the possible disclosure of information relating to individual firms in Northern Ireland particulars cannot be given in greater detail.

† Amount received.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	Unit	Great Britain	Northern Ireland
Fuel and electricity used for all purposes :—			
Coal ...	Th. tons £'000	12.9 14	2.0 2
Coke ...	Th. tons £'000	2.4 3	— —
Heavy fuel oil ...	Th. galls. £'000	434 7	— —
Purchased electricity*	Th. B.T.U. (Kw.-hrs.) £'000	1,392 5	163 1
All purchased materials and other fuel ...	£'000	638	40
TOTAL ...	£'000	667	43

* Including electricity generated in other works under the same ownership.

Table III B.—Consumption of electricity

Electricity consumed	Great Britain	Northern Ireland
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works ...	—	26
Generated in other works under same ownership	319	—
Purchased ...	1,073	163
TOTAL ...	1,392	189

Table IV A.—Numbers employed in week ended 12th October, 1935

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
Great Britain :—						
Operatives ...	85	952	15	90	100	1,042
Administrative, etc.*	26	293	3	83	29	376
TOTAL ...	111	1,245	18	173	129	1,418
Northern Ireland :—						
Operatives ...	5	148	4	37	9	185
Administrative, etc.*	3	21	1	9	4	30
TOTAL ...	8	169	5	46	13	215

* Administrative, technical and clerical staff.

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females	
	Great Britain	Northern Ireland
January 19	1,020	163
February 16	999	166
March 16	1,018	183
April 13	1,008	165
May 18	1,018	172
June 15	982	161
July 13	989	185
August 17	996	187
September 14	1,002	194
October 12	1,042	185
November 16	1,067	185
December 14	1,097	172
Average for the twelve months	1,020	176

Table V.—Firms employing not more than ten persons on the average

Particulars	Great Britain	Northern Ireland
	No.	No.
Number of returns received	1	1
Average number of persons employed :—		
Males	8	4
Females	—	1
Total	8	5