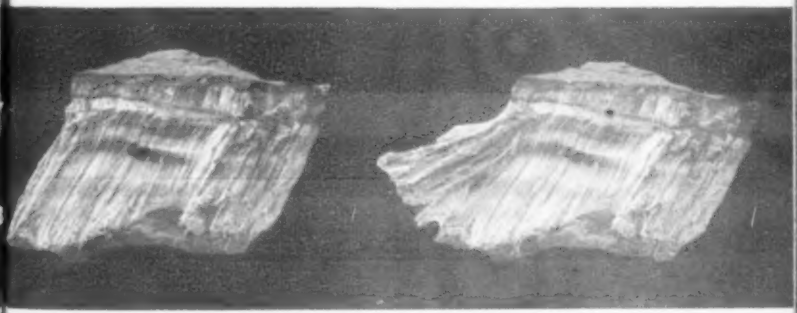




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FOUNDED IN JULY 1919 AND PUBLISHED
CONTINUOUSLY SINCE THAT DATE

A. S. ROSSITER, *EDITOR*

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C. J. STOVER, *Proprietor*

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GREETINGS--

Leaders in the Asbestos Industry extend greetings to our readers and predict better business in 1939

Nineteen thirty-nine has begun with promise of better things. We believe that there will be a better understanding between business and Government this year and it is our hope that, as the year speeds by the Administration in Washington will come to realize that encouragement of business, is one of the best ways to insure better times for the whole country. Business needs no "pump-priming"; it only needs confidence in the future—confidence that expansion of facilities will not lead to the imposition of heavy taxes nor misconstrued as some sort of monopolistic or unfair trade practice.

Asbestos leaders have welcomed the opportunity to send greetings to our readers and their comments as to opportunities and probabilities in 1939 will prove interesting reading.

Herbert Abraham, President, The Ruberoid Co., bases his confidence in 1939 on the favorable trend of building activity:

"October Residential Activity sets Eight Year Record with Contracts totalling $113,000,000." With a headline such as this over a recent statistical report from such an authoritative source as the F. W. Dodge Corporation, and with the further statement in the report that "present information indicates building activity will hold up well during November," there would seem to be good reason for believing that the final figures for 1938, for all its bad start, may be highly encouraging.

A continuance of the increase in building activity, particularly in residential construction, would, of course, be of the greatest help to the asbestos industry; and I

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believe that this industry as a whole is justified in looking forward with confidence to 1939.

We appreciate the opportunity afforded by the editor of "ASBESTOS" to send a New Year greeting, thru this useful and interesting trade publication, to the other members of the industry, and to express our sincere gratitude for mutually helpful and friendly relations which have existed between us and our competitors during the past year.

G. D. Crabbs, President, The Philip Carey Manufacturing Company, looks forward to a marked improvement in the asbestos business during 1939:

I appreciate your giving me the opportunity of extending the season's greetings to the other members of the Asbestos Industry.

While we have had a great many years that were better than 1938, my personal opinion is that we have a right to expect an improvement in industrial building and in mechanical work within existing plants which will necessarily result in a marked improvement in the asbestos business during 1939. If so, then my hope that everyone in the Asbestos Industry may have a happy and prosperous year in 1939 will be fulfilled.

Lewis H. Brown, President, Johns-Manville Corporation, believes the stage is set for real cooperation between business and government:

A distinct note of pessimism permeated all industry for the first half of 1938. Our economic structure was rapidly going to pieces on a number of fronts. Home building had begun to waver as far back as the middle of 1937; the steel and other heavy industries found it necessary to curtail operations; the stock market broke sharply; employment and industrial payrolls fell off.

Behind all these tangible signs of recession lay uncertainty as to the future and a collapse of the buying

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wave, occasioned by drastic reversals of government policies which had assisted the earlier recovery.

But towards the end of the summer of 1938, the trend was reversed. Some government policies were readjusted to help stimulate business activity; home building began to spurt; the automobile, steel and other industries stepped up production, and the result was a broad upturn which is still evident.

It seems to me that the stage is now set for real cooperation between business and government towards a sound recovery. First of all, the public has expressed itself in recent elections and public opinion polls as being apprehensive over the economic experimentation and fluctuating government policies which have characterized the past few years and resulted in the recession; the people want constructive action. Second, I believe that an increasing number of men in government are realizing that cooperation with business is essential to recovery. Third, business has largely readjusted itself to discharge increasing social responsibilities while at the same time performing even more efficiently its basic function of supplying the needs of the public for goods and services.

With this favorable situation and with the problems of the railroads, the utilities and other industries coming up for attention, I am hopeful that we will see more prosperous times for all industry, and, of course for our own.

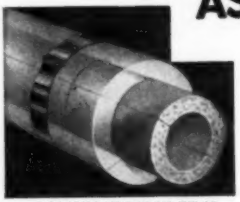
Once again I take this opportunity, so kindly provided by "ASBESTOS," to extend to the entire Industry Johns-Manville's and my own wishes for a most successful year.

Ernest Muehleck, President, Keasbey & Mattison Company, believes that 1938 marked the turning point from dissension to cooperation, of Government, Industry and Labor.

With very few exceptions, everyone who has been engaged in industry and distribution during the course of the year 1938, will agree that we have passed thru a

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Carey INSULATIONS AND ASBESTOS PRODUCTS



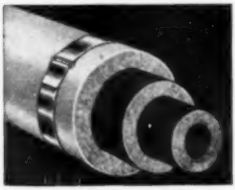
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rather trying and uncertain period of curtailed turnover, factory operations and employment, bringing keener competition, and lower prices and profits on many commodities. However, as time passes on, I think that we will all look back upon 1938 as the year in which Government, Industry and Labor again commenced to realize that cooperation is essential; that there can be no permanency in anything which is one-sided; that the life blood of our great country is in Industry; and that we must all give more and more consideration to the sociological problems of our employees and community.

During 1938 the Keasbey & Mattison Company has completed its new works at Ambler, Pa., and St. Louis, Mo., for the manufacture of asbestos-cement pressure pipes, cable conduit and tubing. Also, realizing that the welfare, good will and security of our employees are of paramount importance, we have instituted a group life and health insurance plan for all of our employees, as well as a week's vacation with pay for every one of our workpeople. We are proud to state that during the entire period of the past approximately fifteen months' business depression, not a single salary nor wage has been reduced in our entire organization. Other plans for works extension, reorganization, safety and more improved healthful working conditions are progressing and will be in full effect during 1939.

I have just returned from a business trip to the Pacific Coast and the South, visiting the principal cities and industrial centers, and am pleased to report a general feeling of optimism for 1939. Almost everyone with whom I talked is encouraged and feels that the New Year will bring a return of prosperity.

The Directors of the Keasbey & Mattison Company join me in extending best wishes for a happy and prosperous New Year to all who are directly or indirectly engaged in the Asbestos Industry.

F. E. Schluter, President, Thermoid Company, expresses confidence in 1939:

We are wholly confident in this Company that we have

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made a great deal of progress during this last year and expect to have an acceleration of that gain during 1939. We expect both an improvement in general business and better than general progress in the various divisions of our enterprise .

R. W. Steele, President Asbestos Corporation Limited, believes business improvement will continue thru 1939:

I welcome the opportunity afforded by your excellent journal of extending the Greetings of our Company to all engaged in the Asbestos Industry.

The improvement which became evident in the United States during the closing months of 1938 will, I feel sure, be continued thru 1939.

If some real progress be achieved toward a settlement in the disturbed situation overseas, both in Europe and in the Far East, then 1939 will surely be a year of prosperity and happiness for us all.

Andrew S. Johnson, Managing Director of Johnson's Company, sends Greetings to the Industry:

Johnson's Company appreciates the opportunity given us to greet the Asbestos Industry thru your columns.

To all our friends thruout the World hearty greetings and best wishes for a happy and prosperous 1939.

A. K. Burgstresser, President, Norristown Magnesia & Asbestos Company, believes that 1939 will be a good year for the Asbestos Industry.

The plans now being formulated for the Industry would indicate that the Asbestos Industry should have during 1939 one of the best years it has enjoyed for some time.

Norristown appreciates the privilege of being associated with the men who take part in such planning.

Reuben H. Chase, Vice President of Plant Rubber & Asbestos Works, believes the Asbestos Industry will profit by the uptrend in building:

The asbestos industry will benefit proportionately

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AMBLER • PENNSYLVANIA

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with the 30% to 40% rise in construction totals expected in 1939 over 1938 figures and predicted by the U. S. Department of Commerce.

A new ten year high will be realized in building if the government's predictions materialize. Residential construction should increase by 30%; utility construction by 30% and commercial and industrial building by about 50%.

Great stores of idle funds available for building purposes will help the boom. Excess bank reserves are nearly $2,000,000,000 higher than a year ago, and demand deposits also up $2,000,000,000 and commercial loans down by about $2,000,000,000 less.

Bank conditions plus the economic situation are more favorable for credit expansion than at any time during the past ten years.

With 1937 business levels reached by these indices, automobile production, electric power production, steel production, bank demand deposits, building construction and commodity indices, well-founded bases for recovery optimism exist.

C. J. Stover, Owner of "ASBESTOS", extends Greetings:

To everyone in the Asbestos Industry, Greetings!

Thru the past ten difficult years it is gratifying to note the steady progress made and the comparative lack of failures in the trade.

This bespeaks above average management and the fundamental need for our product in industry.

With ever increasing effort being made to supplant our products with others, either cheaper, lighter or claimed to be better, it is incumbent upon management to be more vigilant than ever in developing new uses and new products to replace losses which are inevitable.

Having closely watched this Industry for thirty-five years, from an excellent vantage point, I have every confidence in the energy and ability required for the task.

Forward to better things in 1939!

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ASBESTOS

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Canadian Crude
Canadian Spinning Fibre
Canadian Shingle Fibre
Cyprus Asbestos
Italian Crude
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South African Yellow Crude

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Works: MILLINGTON, N. J.

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CENSUS OF MANUFACTURES-- 1937[1] figures compared with 1935

Preliminary report covering the Census of Manufactures for 1937 on Asbestos Products, including Asbestos Textiles, Brake Lining, Building Materials, Paper, Millboard, Pipe and Boiler Covering, Steam and Other Packing, Gaskets, etc., has been published by the United States Bureau of Census, Department of Commerce, Washington, D. C.

Table No. 1 of this Census covers the number of wage earners, wages paid, cost of materials, fuel, etc. The 1937 Census covered 198 establishments, against 196 in 1935, while the number of wage earners in 1937 is given as 18,957 compared with 14,396 in 1935. Wages in 1937 amounted to $21,087,014 compared with $14,035,406 in 1935.

It is not feasible to quote this report in its entirety and therefore readers particularly interested in the report should write the U. S. Bureau of Census for a copy.[2]

Table No. 2 of the report gives production and value figures and this part of the report we are quoting in full, giving both 1937 and 1935 figures so that comparison may be easily made. Printed report will be issued by the U. S. Bureau of Census a little later and announcement of publication of the printed report will be made in these pages at that time. It is possible that the printed report may make some slight revisions in the 1937 figures.

ASBESTOS PRODUCTS, STEAM AND OTHER PACKINGS PIPE AND BOILER COVERING, AND GASKETS

Asbestos Textiles:	1937	1935
Yarn:		
Pounds	13,966,596	8,040,599
Value	$ 3,457,083	$1,843,979
Cloth:		
Pounds	7,806,764	7,301,389
Value	$ 2,189,484	$1,790,756
Tape, listings and tubular lagging:		
Pounds	3,270,753	1,979,771
Value	$ 1,322,965	$ 739,791

For Footnotes see page 16.

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Asbestos Textiles (Cont'd)		
Brake Lining, not molded:		
Feet	46,454,639	36,679,944
Value	$ 6,314,011	$4,686,701
Clutch Facings, not molded:		
Pieces	15,093,540	26,531,083
Value	$ 3,449,948	$2,715,816
Packing, compressed sheet:		
Pounds	5,617,323	5,222,710
Value	$ 1,170,443	$ 762,502
Packing, flat fabric:		
Pounds	862,498	488,328
Value	$ 259,853	$ 147,230
Packing, woven and molded to special sections(with or without other materials):		
Pounds	3,270,935	2,276,081
Value	$ 1,655,571	$1,405,534
Gaskets:		
Pounds	1,543,657	1,859,552
Value	$ 857,090	$ 824,453
Roving:		
Pounds	4,776,688	949,391
Value	$ 810,713	$ 209,858
Other asbestos textiles, value	$ 819,206	$ 974,768
Total Value—Asbestos Textiles and Textile Products	*$22,306,367*	*$16,101,388*
Asbestos Building Materials:		
Asbestos Shingles:		
Squares	2,100,364	1,171,095
Value	$11,519,411	$5,234,727
Asbestos lumber (plain):		
Square Feet	22,349,813	11,414,362
Value	$ 1,780,026	$1,045,342
Asbestos lumber (corrugated):		
Square Feet	12,537,346	6,873,367
Value	$ 1,035,788	$ 458,318
Asbestos flexible roofing:		
Squares	(3)	890,854
Value	$3,893,319	$ 567,911
Value other asb. bldg. matls.		$ 845,966
Total Value—Asbestos building materials	*$18,228,544*	*$8,152,264*

For Footnotes see page 16.

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Other Asbestos Products:

Millboard:		
Pounds	17,182,492	8,479,173
Value	$ 846,458	$ 398,934
Brake Lining, Molded:		
Feet	59,950,369	23,068,575
Value	$ 8,222,239	$4,670,326
Brake lining, not reported by quantity or kind:		
Value	.....	$5,052,373
Clutch Facings, molded:		
Pieces	40,202,265	(3)
Value	$ 3,224,002	
Molded Asbestos Blocks:		
Board Feet	3,185,277	(3)
Value	$ 815,008	(3)
Paper:		
Pounds	75,424,545	70,982,929
Value	$ 3,395,200	$2,564,336
Pipe and boiler covering, aircell asbestos:		
Lineal feet	31,132,243	22,804,499
Value	$ 2,011,317	$1,818,833
Pipe and boiler covering, aircell other than asbestos:		
Lineal feet	14,158,924	7,530,951
Value	$ 1,987,763	$1,739,509
Pipe and boiler covering, 85% Magnesia:		
Lineal feet	21,972,721	12,153,486
Value	$ 3,084,098	$1,781,904
85% Magnesia Blocks:		
Board feet	21,384,746	13,747,150
Value	$ 1,952,803	$1,072,823
Asbestos insulating cement:		
Pounds	39,698,757	28,486,049
Value	$ 681,380	$ 423,370
High temperature cements:		
Pounds	(4)	11,743,731
Value	(4)	$ 280,220
85% Magnesia cement:		
Pounds	3,474,907	2,671,279
Value	$ 153,304	$ 95,952
Table mats and protectors:		
Pounds	898,043	700,082
Value	$ 456,873	$ 371,933

For Footnotes see page 16.

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Other Asbestos Products (Cont'd)		
Asbestos products, misc., not included in above:		
Value	$ 4,161,424	$2,223,890
Total Value—		
Other asbestos products	*$30,991,869*	*$22,494,403*
Other Allied Materials:		
Gaskets, other than asbestos textile — Value	*$12,102,003*[5]	*$12,352,684*[5]
Metallic and semi-metallic packing — Value	*$ 5,318,276*	*$2,773,267*
Packing, other than metallic, semi-metallic and those listed under Asbestos textiles — Value	*$ 8,282,752*[6]	*$ 5,703,230*[6]
Grand Total—Asbestos Products (Total of italic figures)	**$97,229,911**	**$67,577,236**
This Grand Total can also be divided as follows:		
Made in the Asbestos Products Industries	$88,080,441	$56,602,472
Made as secondary products in other Industries	$ 9,149,370	$10,974,764

Footnotes:

1 Census of Manufactures is issued every odd year. See March 1937 "ASBESTOS" for 1935 report.

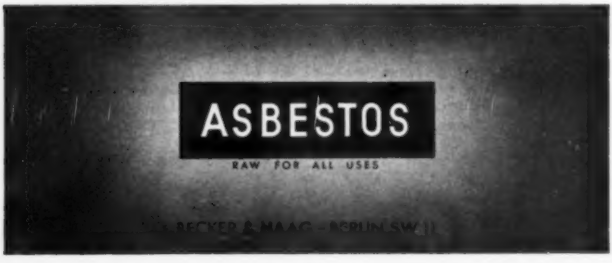
2 Readers in countries other than the U. S. A. can obtain a copy from "ASBESTOS" upon request.

3 No data.

4 Withheld to avoid disclosing data for individual establishments. Value included in "Other asbestos products".

5 Includes value of cork gaskets, classified in the "Cork Products" Industry.

6 Figures include values of leather packing made by establishments classified in the "Belting and Packing, Leather" industry as follows: 1937, $4,300,685; 1935, $2,865,909.



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FREE AND EQUAL

An Editorial By C. J. Stover

The Constitution sought to give force and effect to the principles laid down in the Declaration of Independence and quite often we see or hear those words used in conjunction (as they were in the Declaration).

To my mind, those two documents, the Constitution and the Declaration, rightfully deserve a place beside the Magna Charta, but wonderful as they are, somebody forgot to include three little words which, had they been written into the original Declaration would have saved endless discussion and millions of heartbreaks.

The phrase should have read: "free and equal *before the law*".

It was never the intention of the writers nor the signers of the Declaration to imply or say that men are born free and equal.

As a matter of simple fact, no such condition is possible, since freedom and equality cannot exist coincidentally in the same place and time.

But men are born free and equal *before the law* in this country and for the most part remain so thruout their lives. Occasionally we see our law enforcement officers become over zealous for political reasons and some individual or group is sacrificed on the altar of expediency but, in the long, slow run, even such persecuted folks will receive a fair trial, thus returning to their former "equal" position *before the law*.

To argue, however, that the Fathers meant physical, economic or mental equality for all men is to insult the Fathers and all living men possessed of fifteen year old intelligence.

And yet the self seekers, ready to exploit the mob, keep ringing the changes on it every day.

Three fundamental American principles: religious and other individual liberties; representative political democracy; private enterprise.

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AGENTS

FRANCE and BELGIUM	GERMANY and CENTRAL EUROPE	GREAT BRITAIN	JAPAN
E. R. FLINT, Esq., 72 Avenue de Suffren (Paris, XV°) France	TROPAG Asbest-und Erzimport Alsterdam 7 Hamburg 1	A. A. BRAZIER & CO. Bluefries House 122 Minories London E.C.3, England	S. SAITO & CO. 5th Floor Marunouchi Bldg. Tokyo

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MARKET CONDITIONS

GENERAL BUSINESS

General business conditions, hopes, trends, predictions for 1939, have been so well covered by the statements[1] sent us by various executives in the Asbestos Industry, that it is hardly necessary to repeat here. Suffice it to say that much optimism prevails, and this in itself will go a long way toward improving business conditions.

We will add to the statements made by those interested in the asbestos industry, one made by Gerard Swope, President, General Electric Company. Mr. Swope says:

"We in the General Electric Company look forward with confidence to a better year in 1939 than 1938. With closer cooperation between labor, industry and the government; with the ever-increasing use of electricity; with the great need that exists in this country today for electric appliances in the home and for more power in the factories and the resulting expansion of generating capacity in central stations—all this will mean increased opportunities for production of the heavier capital goods, so much needed at this time by thousands of skilled workmen, not only in the electricity industry but all industry, and for the good of the entire economic system."

ASBESTOS - RAW MATERIAL

There is every indication that all Asbestos Mines will sell more Raw Asbestos during 1939 than 1938. It is generally believed that the United States will also show in 1939 the largest importation over last year of any country.

No large stocks exist anywhere. Prices will remain firm during the coming year.

ASBESTOS - MANUFACTURED GOODS

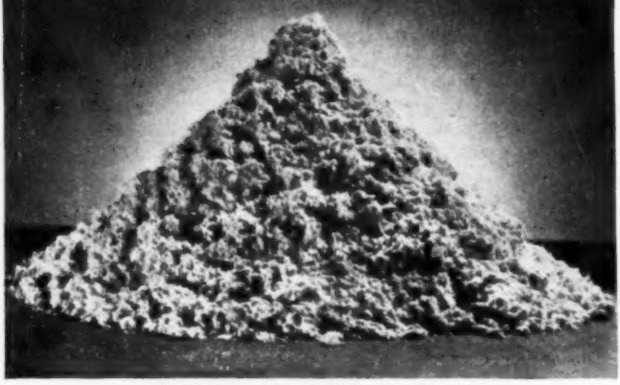
Markets in the manufactured line show little change, but with automobile production rising; increased activity in many industries, particularly the heavy ones, and building construction starting what looks like a real, old-fashioned "boom", such markets surely should improve in 1939.

Insulation. High Pressure. Volume remains at about the same levels as have obtained for the past few

[1] See "Greetings", pages 1 to 10, this issue.

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VERMONT ASBESTOS



MINED IN THE U. S. A.

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CLEAN, well fiberized asbestos particularly well suited for the manufacture of the better types of:

BRAKE LINING	BOILER COVERINGS
CLUTCH FACING	MILLBOARD
ROOFING PAINTS	MOULDED PRODUCTS
SHINGLES	ASBESTOS PAPER

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Samples and Prices upon application

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VERMONT ASBESTOS MINES

Division of The RUBEROID Co.

HYDE PARK, VERMONT

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months. The present increased activity in non-residential building promises somewhat better volume in the near future as does the more encouraging outlook for railroad, oil refining and chemical equipment builders.

The year 1939 promises to show considerable improvement, from the standpoint of both volume and prices, over the year past, provided predictions of generally recognized spokesmen for heavy industry are even partially correct.

Insulation. Low Pressure. Considering the season of the year, volume in this market can be described as fair, altho conditions in some sections of the country are such that shipments cannot be made to them. Optimism prevails so far as future trend of volume is concerned.

Paper and Millboard. Demand is light in the paper market, but in millboard volume has improved somewhat.

Asbestos-Cement Products. Two brief comments reach us on this market. One says: "There has been no change of note in the asbestos-cement products market condition during the past month. The industry, however looks forward to better conditions in the building industry in 1939 and a corresponding increase in its own sales."

And the other: "The Asbestos-Cement Products market conditions were very quiet during the month of December due, to a great extent, to inventory taking. However, there has been a noticeable increase in inquiries and bookings for January."

The above comments have been made by men closely in touch with the various asbestos markets. "ASBESTOS", of course, claims no responsibility for any of the statements made.

CURRENT RANGE OF PRICE

on Canadian Crudes and Fibres

Per Ton (2000 lbs.) f.o.b. Mine

Group No. 1 (Crude No. 1)	**$700.00 to $750.00**
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry[1])	**150.00 to 350.00**
Group No. 3 (Spinning or Textile Fibre)	**110.00 to 200.00**
Group No. 4 (Shingle Fibre)	**57.00 to 78.50**
Group No. 5 (Paper Fibre)	**40.00 to 45.00**
Group No. 6 (Waste, Stucco or Plaster)	**30.00**
Group No. 7 (Refuse or Shorts)	**12.00 to 25.00**

1 Crude Run-of-Mine refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and No. 2 Crude. Crudes Sundry refers to certain odd lots of off grade material which do not conform to the regular standards of No. 1 Crude or No. 2 Crude.

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Parsons Slate and Asbestos Cutters

Pays for Itself on First Job

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Parsons Cutters for Roofers, Contractors, Carpenters, Mechanics.

Cuts to any width or length and all notches and angles.

Sturdy Construction - Simple Operation. Can be carried in Tool Kit and be used on Roof or Scaffold.



PARSONS BROS. SLATE CO.

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WILLIAM R. SEIGLE--

Chairman of Johns-Manville Dies at age of 59

William Robbins Seigle, chairman of the board of directors, vice president and Director of Research of Johns-Manville Corporation, died December 26th, at St. Mary's Hospital in Rochester, Minn., after having undergone an operation at the Mayo clinic on December 6th. He was 59 years old.

Mr. Seigle, with Johns-Manville for nearly forty years, began "at the bottom". Born at Finesville, N. J., he joined the old H. W. Johns Manufacturing Company as a "jack-of-all-trades" in 1899. For the next five years he worked at almost every job there was in the old Brooklyn plant and soon became an important leader there.



William R. Seigle

About that time the company started a program of expansion that called for the purchase of several other manufacturing firms in order to add new products to the H. W. Johns-Manville Company line. As these concerns were purchased Mr. Seigle was placed in charge of their operation.

The late T. F. Manville, one of the founders of Johns-Manville and president of the company, decided in 1912 to abandon the Brooklyn plant which was then the chief manufacturing unit of the corporation. Mr. Seigle started a search for a new site for the main plant, and it was he who selected the 238-acre area encompassing four farms, now known as Manville, N. J. Construction started almost immediately and the first manufacturing operations got underway in February 1913. At the present time the

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Manville, N. J., factory is the largest unit in the string of fourteen J-M plants located at various points thruout the country.

In 1916, before the company maintained its own research laboratories, Mr. Seigle organized the Norton Laboratories at Lockport, N. Y., and maintained these as a separate activity for the benefit of the company. The next year he established the W. R. Seigle Laboratories in the garage of his home in New Jersey. When these began to tax the capacity of his home garage, he moved them to a two story building at Bridgeport, Conn., and this was incorporated as the Fibrefraks Laboratories.

All of these research activities contributed to the growth and development of Johns-Manville altho they were maintained as a personal activity on the part of Mr. Seigle. In 1928 the laboratories were purchased by Johns-Manville, and all J-M research activities were thereupon centralized at the Manville factory.

Mr. Seigle became vice president of Johns-Manville in charge of factories and mines in 1917, and became chairman of the board of directors in 1929. At the time of his death he was, in addition, the president of Asbestos Wood Company and a director of the Asbestos & Danville Railway.

With the death of Mr. Seigle, the Asbestos Industry loses a prolific producer, a storehouse of information and a friendly colleague.

NEW MODEL TESTING MACHINE

A new model Quebec Standard Asbestos Testing Machine has been recently adopted by the Quebec Asbestos Producers Association for the testing of Asbestos Fibres. Adoption of this new model does not in any way change the Quebec Standard Classification or Designation adopted in 1931.

Copies of the plans and specifications for the new machine are now available at a cost of $25.00 per set. Orders should be addressed to the National Research Council, Ottawa, Canada.

A description of the new machine with photograph will be published in February "ASBESTOS".

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HARRY L. ELDER

Well-known Asbestos Textile Man Dies in 56th Year

Harry L. Elder, overseer of the asbestos textile mill of The Garlock Packing Company, died on Monday, December 26, 1938, at Palmyra, N. Y.

Mr. Elder was born at Muncey, Pa., in 1883. At the time of his death he was one of the best known men in the asbestos textile industry.

Originally a woolen man, Mr. Elder entered the asbestos field in 1916 with the Asbestos Textile Co., at Reynoldsville, Pa., later transferring to North Brookfield, Mass., when their mill was removed to the latter city. He remained with Asbestos Textile until his appointment as overseer of Garlock's textile mill in 1926.

A.S.T.M REGIONAL MEETING

Regional Meeting of the American Society for Testing Materials will be held at Columbus, Ohio, March 6th to 10th. In conjunction with the Regional Meeting, Symposia on Thermal Insulating Materials and Lime is scheduled for March 8th. Committees C-8 on Refractories and C-16 on Thermal Insulating Materials are cooperating jointly thru a special committee, and four extensive papers are being developed by authorities in this field.

The papers are "The Effect of Solar Radiation on the Heat Transmission Through Walls", by F. C. Houghten, Director, Research Laboratory, A.S.H. & V.E.; "Factors Influencing the Thermal Conductivity of Non-metallic Materials" by J. B. Austin, Research Laboratory, U. S. Steel Corporation; "A Consumer's Problems in Selecting Heat Insulation", by E. T. Cope and W. F. Kinney of The Detroit Edison Co., and "Methods of Testing the Physical Properties of Pre-formed and Plastic Thermal Insulation" by H. H. Rinehart, Johns-Manville Research Laboratories.

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1939 - THE YEAR OF SERVICE

That is the headline which we hope to write next December over our summary of the year.

Progress? Yes. A bigger and better magazine? Always our aim. But during 1939 we intend to especially emphasize our function of supplying information on all phases of the Asbestos Industry. We have thru the years —twenty of them—collected a vast amount of data on asbestos; we have published the greater part of it; we have classified much of it; in the coming months we intend to work intensively on the classifying of those facts in such a way that questions sent us by our readers can be quickly answered, data of all kinds easily supplied.

We urge our readers to make use of this service; the more inquiries received the better will we know what the asbestos public needs in the way of asbestos knowledge.

Ask us specific questions about asbestos, asbestos products, the Asbestos Industry, and the people in it,—the more questions the better.

Give us an idea of what you need and why you need it and we will try our best to find the answers.

WANTED

High Temperature Cement manufacturer desires dealer representation in Pennsylvania, New Jersey, New York and New England, among asbestos and insulating supply companies, offering high grade product on attractive commission basis. Address Box 12S-J, "ASBESTOS", 16th Floor, Inquirer Bldg., Philadelphia, Pa.

PURE WHITE

DOLOMITE MARBLE

from our own Quarry, ground or pulverized to specification.

We specialize in grades for white asbestos shingles, wall boards and asbestos cements.

UNIVERSAL MARBLE PRODUCTS CORP.

THORNWOOD, N. Y.

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CONTRACTORS AND DISTRIBUTORS PAGE

Building

Construction activity in the United States during 1938 will aggregate approximately $8,800,000,000, the largest total reported in any year since 1930, according to the annual estimate released by the Bureau of Foreign and Domestic Commerce and published in the December issue of the Survey of Current Business.

The year 1938 was the fifth consecutive year of increased construction volume, according to F. W. Dodge Corporation. Residential building had the largest dollar total since 1930, and total building and engineering expenditures were practically equal to those of the year 1931 and greater than any year since 1931. While public construction expenditures represented 52% of last year's total volume, privately-financed building and engineering work was greater than in any post-depression year except 1937.

As to the figures for November, the F. W. Dodge Corporation reports total of construction contracts awarded during November in the 37 Eastern States, amounting to $301,679,000, which was the highest November total since 1929. It was 52% ahead of the November 1937 total. The accumulated total for the first eleven months of 1938 is $2,807,489,000, compared with $2,703,609,000 for the first eleven months of 1937. Both private and public work have been responsible for recent construction increases. November was the third successive month in which private building and engineering contracts have run ahead of the corresponding month of 1937. November's total of private contracts amounted to $122,731,000 compared with $105,512,000 in the corresponding month of last year.

U. R. C. A. Convention

The United Roofing Contractors Association, oldest building trade association in the United States, will hold its 52nd Annual Convention at the Wardman Park Hotel, Washington, D. C., on February 8, 9 and 10.

A unique feature of the 1939 Convention will be a "Roofing Odditorium". This will consist of a collection of exhibits show-

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ing in pictorial form the history of the different types of roofing and odd facts of the Ripley believe-it-or-not variety associated with roofing. These have been gathered by roofing contractors, jobbers and manufacturers. Contractors and others who possess photographs or material for inclusion can have their material considered by writing the Convention Committee, 52nd Annual Convention U.R.C.A., 175 Fifth Avenue, New York City. A prize will be awarded for the best contribution to the "Roofing Odditorium".

Thru the cooperation of the Department of Commerce the Convention delegates will be taken behind the scenes to witness the Bureau of Standards tests on roofing materials.

"Roofing: Estimating-Applying-Repairing", by James McCawley, Secretary of the United Roofing Contractors Association, has just been published. Price is $3.00; it can be obtained by addressing the author at 175 Fifth Avenue, New York City.

Coming. An article discussing the fairness (or otherwise) of compensation insurance rates. This may be published in the next issue.

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Africa (Rhodesia)

(Statistics by Rhodesia Chamber of Mines)

	October 1938 Tons (2000 lbs.)	Value £	s	d
Bulawayo District				
Bet Asbestos (S. T. Montgomery)	15.00	60	0	0
Nil Desperandum (Afr. Asb. Mng. Co., Ltd.)	690.84	9,075	17	0
Pangani (Pangani Tributors)	17.10	105	19	9
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	3,339.16	50,003	1	1
Victoria District				
D. S. O. (Mashaba Rho. Asb. Co. Ltd.)	7.50	65	18	0
Gaths and King (Rho. & Gen. Asb. Corp., Ltd.)	801.00	15,128	6	6
Murie (Mashaba Rho. Asb. Ltd.)	9.25	152	10	11
October 1937	*4,767.34*	*£74,809*	*14*	*6*
	4,879.85	£74,591	13	3

Africa (Union of South)

(Statistics published by Dept. of Mines & Industries of U. of S. A.)

	Sept. 1937 Tons (2000 lbs.)	Sept. 1938 Tons (2000 lbs.)
Transvaal		
Amosite	682.43	493.00
Blue	72.76	299.00
Chrysotile	1,532.92	135.00
Cape		
Blue	453.20	574.00
	2,741.31	1,501.00

Canada

The Dominion Bureau of Statistics, Mining, Metallurgical and Chemical Branch, Ottawa, estimates Canadian Asbestos Production for the year 1938 as 271,602 short tons valued at $12,262,000. In 1937 production of asbestos in Canada totalled to an all-time high of 410,026, valued at $14,505,791.

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Imports into U. S. A.
(Figures published by U. S. Dept. of Commerce)

Unmanufactured Asbestos Goods:

	October 1937 Tons (2240 lbs.)	October 1938 Tons (2240 lbs.)
Africa (Br. S.)	420	690
Australia	.....	18
Canada	17,323	16,519
Finland	.....	19
Italy	.....	2
U. S. S. R. (Russia)	.....	1,408
	17,743	18,656
Value	*$620,472*	*$727,362*

Tabulation of Crudes and Fibres:

Crude (Australia)	.....	18
Crude (Br. S. Africa)	419	690
Crude (Canada)	107	126
Crude (Italy)	.....	2
Milled Fibre (Canada)	6,742	4,038
Milled Fibre (Soviet Russia)	.....	1,357
Lower Grades (Canada)	10,474	12,355
Lower Grades (Br. S. Africa)	1	.....
Lower Grades (Finland)	.....	19
Lower Grades (U. S. S. R.)	.....	51
	17,743	18,656

Manufactured Asbestos Goods:

	October 1937 Pounds	October 1938 Pounds
Austria (Packing)	531	.....
Belgium (Shingles)	256,823	99,026
Germany (Packing)	.....	2,100
United Kingdom (Yarn)	6,783	2,605
United Kingdom (Packing)	1,672	576
United Kingdom (Woven Fabrics	2,573	1,711
	268,382	106,018
Value	*$,8,518*	*$ 4,587*

There were also imported during October 1938, materials, unclassified, valued at $1,123, from Germany.

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Exports from U. S. A.

Exports of unmanufactured asbestos during the month of October 1938 amounted to 336 tons, valued at $40,958; in October 1937 278 tons valued at $31,437, were exported.

Exports of Manufactured Asbestos Goods:

	October 1937		October 1938	
	Quantity	Value	Quantity	Value
Paper, Mlbd. & Rlbd. ....lbs.	190,346	$11,789	96,420	$ 5,678
Pipe Covg. & Cement ..lbs.	178,055	11,492	339,788	20,907
Textiles & Yarn .....lbs.	11,949	3,934	37,600	8,540
Packing .....lbs.	93,466	55,777	91,876	56,324
Brake Lining—				
Molded & Semi-molded	.....	64,628	.....	61,683
Not Molded .....lin. ft.	82,347	15,021	83,668	17,133
Clutch Facings—				
Molded & Semi-molded .....units	36,706	8,972	19,341	6,704
Woven .....units	28,358	4,278	12,635	2,992
Magnesia and Mfrs. ....lbs.	198,396	22,415	340,702	27,736
Asbestos Roofing .....sqs.	2,513	15,807	2,294	9,737
Other Manufactures ....lbs.	424,397	34,391	401,700	36,308

Exports of Raw Asbestos from Canada

(Figures by Dominion Bureau of Statistics)

	October 1937		October 1938	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom	2,420	$ 142,082	2,778	$ 148,706
United States	9,311	503,381	5,059	314,787
Australia	318	16,205	537	34,770
New Zealand	.....	.....	20	1,320
British India	.....	.....	30	1,800
Belgium	2,970	183,450	1,812	124,554
Brazil	8	1,600	.....	.....
Czechoslovakia	.....	.....	643	43,244
France	1,726	125,621	292	22,422
Germany	1,799	134,213	2,731	295,103
Italy	135	7,984	.....	.....
Japan	286	12,521	3,024	157,872
Netherlands	22	770	5	188
Siam	.....	.....	.....	12
Sweden	200	12,112	315	20,858
	19,195	$1,139,939	17,246	$1,165,636

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Sand and Waste				
United Kingdom	1,293	23,462	950	20,185
United States	15,670	250,775	13,357	237,800
British India	.....	.....	30	435
Belgium	121	2,285	50	1,200
France	140	2,435	70	1,680
Germany	437	9,258	202	4,860
Netherlands	38	506	60	1,062
Sweden	35	392	35	562
	17,734	$ 289,113	14,754	$ 267,784
Grand Total	*36,929*	*$1,429,052*	*32,000*	*$1,433,420*

Imports and Exports by United Kingdom:

Imports of Raw Material.

	October 1937 Tons (2240 lbs.)	Value	October 1938 Tons (2240 lbs.)	Value
From Africa (Rhodesia)	1,515	£32,026	642	£16,516
From Africa (Union of South)	973	14,698	842	20,760
From Australia	7	537	8	688
From Canada	2,325	27,244	3,790	49,278
From Cyprus	.....	.....	151	2,777
From Finland	15	109	25	173
From Italy	2	315	2	195
From U. S. S. R. (Russia)	135	1,587	212	4,233
	4,972	£76,516	5,672	£94,620

Imports of Asbestos Manufactures:

October 1938	53,390 Cwts. valued at	£22,621
October 1937	42,761 Cwts. valued at	18,433

Exports of Asbestos Manufactures:

	October 1937 Cwts.	Value	October 1938 Cwts.	Value
To Eire (Irish Free State)	1,305	£ 1,757	3,409	£ 4,157
To British India	6,663	11,184	6,890	10,094
To Australia	1,346	9,418	1,274	7,679
To Other British Countries	29,212	40,652	35,723	41,823
To Netherlands	1,095	4,888	1,586	5,902
To Belgium	672	5,138	709	2,891
To France	169	2,213	409	1,347
To Italy	243	2,221	269	4,248
To Other Foreign Countries	16,750	38,814	14,716	39,174
	57,455	£116,285	64,985	£117,315

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Exports of Raw Asbestos from South Africa

	Sept. 1937 Tons (2000 lbs.)	Value	Sept. 1938 Tons (2000 lbs.)	Value
Australia	149	£ 1,837	194	£ 3,002
Belgium	59	1,229	15	278
Canada	.....	.....	79	1,553
France	64½	2,002	75	2,056
Germany	77	2,311	85	2,241
India	86	528	.....	.....
Japan	156	1,042	111½	2,403
United Kingdom	2,156½	25,653	911	16,979
United States	24	581	172	4,181
	2,772	£35,183	1,642½	£32,693

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Financial Chronicle. No guarantee made as to their correctness).

	Par	December 1938 Low	High	Last
Asbestos Corp. (Com.)	np	98	110	110
Celotex (Com.)	np	12⅝	19⅛	18⅞
Celotex (Pfd.)	100	62½	75	70
Certainteed (Com.)	1	9⅛	11⅞	11⅞
Certainteed (Pfd.)	100	37	42¼	42
Flintkote (Com.)	np	25½	31¼	31¼
Johns-Manville (Com.)	np	99	106	105¼
Johns-Manville (Pfd.)	100	126	130	130
Raybestos-Manhattan (Com.)	np	18½	21	20
Ruberoid (Com.)	np	28⅝	33½	33
Thermoid (Com.)	1	3	4⅜	4
Thermoid (Pfd.)	10	14	19	18
U. S. Gypsum (Com.)	20	103½	112⅝	112
U. S. Gypsum (Pfd.)	100	170¾	173	172¼

Finland. The following report on Asbestos in Finland is made by the Foreign Minerals Quarterly, January 1939 issue, published by the U. S. Bureau of Mines, Department of the Interior:

Amphibole asbestos is mined in the Kuopio district. Practically the entire output of fibre is exported in unmanufactured form principally to Germany. A small portion of the fibre produced is processed at a plant near Helsingfors (Helsinki). Unmanufactured asbestos, feldspar, limestone, talc, and potassium chloride are the only non-metals of consequence produced in Finland of which there is an exportable surplus. This foreign trade is due chiefly to the fact that there is little or no industrial demand for the commodities involved within the country.

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NEWS OF THE INDUSTRY

BIRTHDAYS.

J. H. Nankervis, Vice President, Magnesia-Asbestos Insulation Co., New York City, N. Y., January 16.

Arthur J. Reed, President, Asbestos Distributors, Inc., Port Chester, N. Y., January 16.

A. F. Matheis, Assistant Vice President, Thermoid Rubber Co., Trenton, N. J., January 17.

E. C. Nankervis, President, Magnesia-Asbestos Insulation Co., New York City, N. Y., January 19.

Henry W. Grebe, President, Central Asbestos & Magnesia Co., Chicago, Ill., January 21.

George D. Crabbs, President, Philip Carey Manufacturing Co., Lockland, Cincinnati, Ohio, January 22.

Capt. J. G. Ross, General Manager, Asbestos Corporation, Limited, Thetford Mines, P. Q., Canada, February 1.

L. C. Rugen, Vice President, Vermont Asbestos Mines Division, New York City, February 6.

H. A. Hirschfeld, President, Standard Asbestos Co., Inc., New York City, N. Y., February 11.

Lewis H. Brown, President, Johns-Manville Corp., New York City, N. Y., February 13.

Robert W. Steele, President, Asbestos Corporation, Limited, Thetford Mines, P. Q., Canada, February 15.

The congratulations and best wishes of "ASBESTOS" and the Asbestos Industry are extended to these gentlemen on the occasion of their birthdays.

AUSTRALIAN BLUE ASBESTOS MINES, recently organized to operate blue asbestos mines in Australia, have established offices at 135 St. George's Terrace, W. A. Trustee Bldg., Perth, Western Australia, G. H. Carlisle being secretary. Chairman of the Directors is H. J. Urquhart, Mining Engineer of 1123 Hay St., West Perth. Other Directors are Norman S. Stuckey, Mining Engineer, 13 Richardson St., South Perth, and W. H. J. Samson, Merchant, Hill street, East Fremantle.

Specimens from the mines of this company, which mines are located 200 miles S.S.E. from the Port of Roebourne, in the Northwest district of Western Australia, appear to be of good quality, and we understand from Mr. Urquhart have the same chemical combinations as those of other high grade blue material. A copy of the chemical analysis made by the Government Chemical Laboratory at Perth (Edward S. Simpson, D.Sc., B. E., F.A.C.L., Government Mineralogist & Analyst) is in the office of "ASBESTOS" and may be examined by anyone interested.

Mr. Urquhart or Mr. Carlisle would be glad to answer any

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inquiries as to quality, etc., which our readers may care to address to them.

MASHABA RHODESIAN ASBESTOS CO., LTD., of Mashaba, Southern Rhodesia, Africa, announces that negotiations have continued satisfactorily and the properties have been subjected to recent examination by two entirely independent engineers, acting on behalf of third parties—this according to the South African Mining & Engineering Journal for November 19, 1938. The reports being satisfactory have enabled the directors to draw up a detailed scheme of mines development, having in view an ultimate production considerably in excess of that previously envisaged. The chairman is abroad for the purpose of settling a program and details of technical direction. The negotiations are for the provision of necessary additional plant and machinery and sufficient working capital to enable the company to commence large scale production.

THE UNITED STATES GYPSUM COMPANY of Chicago, Ill., has established an Industrial Fellowship in the Mellon Institute, Pittsburg, Pa., the Fellowship to conduct fundamental research on various products manufactured by the Company, with the objective of develop.ng new processes and technics which will have broad application in the field of building materials. This investigational work will augment the regular research activities carried on by the Company. Dr. H. E. Simpson has been appointed to the incumbency of the Fellowship; he has been a member of the Mellon Institute since 1936. He received his professional education at the Ohio State University.

ARTICLES. "Mining the Magic Mineral — Asbestos" appeared in the November issue of Concrete and Quarry; "Fibres of Gold" in the December number of The American Roofer; A lecture given before the British Institute of Marine Engineers, London, by R. S. Robinson, B.Sc., dealt very fully with the sound-absorptive value of asbestos materials, particularly in ships.

CERTAINTEED PRODUCTS CORPORATION has announced the resignation of Walter G. Baumhogger as President. The election of C. L. Von Egloffstein, to succeed Mr. Baumhogger has also been announced. Mr. Von Egloffstein was formerly executive vice president of Holton, Richards & Co., Inc., industrial management consultants.

Mr. Baumhogger is now president of United Cigar-Whelan Stores Corporation.

ASBESTOS IMPORTERS ASSOCIATION was organized in Tokyo on December 2nd, by Mitsui Bussan Kaisha, Asano Bussan Kaisha, Okura Shoji Kaisha and other leading importers of the product. The Association will function as a semi-official organ in the handling of licenses for imports and in the allocation of quotas to consumers. Only importers with definite agen-

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• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

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cy rights are permitted to join the Association. No "freelance" importers will be admitted, nor firms who have handled only occasional shipments of asbestos but are principally engaged in other lines of business.

A prerequisite to membership is establishment in the trade for a period of at least five years prior to the organization date. It is not yet known how many firms will finally qualify for membership, but since the asbestos trade of Japan has greatly expanded during the past few years, it is likely that many firms will be shut out because they have been in the business less than five years.

ARMSTRONG CORK COMPANY. Announcement of the consolidation of John R. Livezey Company with the Armstrong Cork Co. was made on January 4 by H. W. Prentis, Jr., President of Armstrong . The Livezey and Armstrong interests have been closely associated since the entrance of Armstrong into the field of corkboard insulation for refrigerating plants in 1902. Since that time Livezey has been a distributor for Armstrong in Eastern Pennsylvania, Southern New Jersey, Delaware, Maryland, Virginia and the District of Columbia.

R. W. Bair, formerly general manager of John R. Livezey has been appointed district manager of Armstrong's consolidated Philadelphia district office. M. E. Vought, formerly district manager of Armstrong's building materials division office in Philadelphia, will serve as Bair's assistant. The sales, office and erection personnel of the Livezey Company will be retained.

A. D. SIMPSON, President of Asbestos Erectors, Inc., Ambler, Pa., and Mrs. Clarice Muriel Rogers of New York City, were married on Wednesday, January 4th in Grace Episcopal Church at Southampton, Long Island, N. Y. After a wedding trip to the West Indies and South America, Mr. and Mrs. Simpson will make their home in Ambler.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Chemical Heating Pad. No. 2,133,115. Granted on October 11, 1938 to Frederick L. Reynolds, Mill Valley and Leon Markel, San Francisco, Calif., assignors to United States Appliance Corpation, San Francisco, Calif. Serial No. 206,604.

In a chemical heating pad for permanent hair waving, an assembly consisting of at least one sheet of aluminum foil and at least one sheet of asbestos paper extending in juxtaposition with one side of the aluminum foil, the sheet of asbestos being adapted to be saturated with a chemical solution for exothermic reaction with the aluminum foil, a protective wrapper folded about said assembly and a sheet of absorbent paper interposed between the wrapper and the assembly and like wise folded about the assembly.

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Conduit. No. 2,133,731. Granted on October 18, 1938 to Christian Gottwald, Cleveland Heights, Ohio. Assignor to Ric-wiL Co., Cleveland. Application June 26, 1936. Serial No. 87,412.

A conduit consisting of a plurality of bell and spigot sections sealed together, a pipe within said conduit and supports for said pipe carried upon horizontal steps formed in the interior surface of the bell portion of the sections.

Roofing and Siding Elements. No. 2,133,988. Granted on October 25, 1938 to Norman P. Harshberger, Scarsdale, N. Y., assignor to Bakelite Building Products Co., New York City. Application July 23, 1935. Serial No. 32,723.

The method of applying asbestos fibres to a surface which comprises adhering individual roofing granules to said fibres and applying the mixture to said surface, the granular material being of sufficient mass whereby to act as a carrier for the asbestos fibres to assist in the distribution and application thereof.

Metal Bonded Friction Material. No. 2,134,181. Granted on October 25, 1938 to Harvey D. Geyer, Arthur H. Flower, Dale M. Phillippi, Dayton, Ohio. Assignors to General Motors Corporation, Detroit, Mich. Application February 8, 1935. Serial No. 5576.

In a process of making friction elements for clutches or brakes, the steps which comprise mixing a mass of mineral fibres with a sufficient amount of lead in the form of finely divided and infused particles in water suspension to coat the individual fibres with the lead, heating the coated fibres to a temperature sufficient to fuse the lead thereby binding the fibres and forming the mixture of fibres and lead into friction elements, for clutches and brakes.

Friction Material. No. 2,134,744. Granted on November 1, 1938 to Earl A. Wales, Cleveland, Ohio. Assignor to Raybestos-Manhattan, Bridgeport, Conn. Application Dec. 21, 1936. Serial No. 117,013.

A clutch or brake facing element formed thruout of woven fibrous material, the fibre of one surface thereof comprising its operating surface being porous, resilient and untreated, and the fibres of the opposite surface comprising the mounting surface being reinforced with a hardened binder to form a firm and dense strata capable of receiving attaching means for attaching the facing to a mounting.

AUTOMOBILE PRODUCTION

November 1938 production of automobiles showed an increase over the same month in 1937—the first time this year. The figures for November 1938 are: 390,350 total (consisting of 372,358 in the U.S.A. and 17,992 in Canada); for November 1937—a total of 376,629 (360,055 in the U.S.A. and 16,574 in Canada).

The October 1938 total production was 215,296.

For the eleven months of 1938 the total was 2,248,681, compared with 4,669,088 for the same period in 1937.

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THIS and THAT

Timely. My fondest wish for 1939 is that every man and woman in America and elsewhere might be *compelled* to read, understand and talk intelligently about one brief magazine article.

It appears on Page 23 of the January 7, 1939 issue of the Saturday Evening Post under the title "The American Revolution, 1939." To all of our readers I commend it as simply marvelous and, moreover, timely. It should be *carefully* read in order to sense its real meaning. *C. J. Stover.*

A. S. H. & V. E. will hold its 45th Annual Meeting, January 23 to 26th at Pittsburgh, this meeting to be in the nature of the 20th anniversary of the establishment of the Research Laboratory of the American Society of Heating & Ventilating Engineers. Further information can be obtained at the Society's headquarters, 51 Madison Ave., New York City.

"Leak-Loss" Chart. The distinctive feature of a new catalog published by M. B. Skinner Co., South Bend, Ind., is a leak-loss chart, which embodies graphic information valuable to anyone operating pipe lines. The chart shows how much steam, water, oil or air escapes from various size leaks in pipe, under various pressures. Figures show what these leaks cost at various unit prices and thus one can visualize the tremendous losses which can occur from what are often thought to be harmless leaks. Nine different styles of pipe repair clamps, for stopping leaks without placing pipes, are shown in the catalog. The booklet is free upon request at above address.

Progress! 1938 marked the 60th birthday of the electrical industry. It was in 1878 that, to finance the search for a commercially practical electric lamp, the Edison Electric Light Co., forerunner of General Electric, was founded. Each year in the six decades since has seen electricity take remarkable strides forward. Today the world is so dependent on electricity that it is difficult to realize that the whole huge industry is still chronicled in less than man's allotted span of "three score years and ten".

Orders received by General Electric Company for 1938 were $252,176,223, compared with $379,273,619 for 1937, a decrease of 34 per cent.

In the November issue of Industrial Standardization, published by the American Standards Association, is an article "How Mineral-Wool-Filled Partitions Respond to Fire-Resistance Tests." Some of our readers may be interested.

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