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... ASBESTOS ...

A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER - - - EDITOR

PUBLISHED BY

C. J. STOVER

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Mention was made in Dr. Kupferburger's article "Chrysotile in the Union of South Africa," which appeared in May 1928 "ASBESTOS," concerning "The Ribbon Line." This refers to the "ribbon-like" formation of Asbestos found in the New Amianthus Mine, near Kaapsche Hoop.

The photograph shows this remarkable formation. A specimen from this mine is in our office, and the evenness of the veins of asbestos fibre is really extraordinary.

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The Distribution of Asbestos

No. 10. Grading.

The grading of Asbestos Fibres is a subject of great interest as the methods, and particularly the names of the grades, vary considerably with the different countries.

The grading of Asbestos Fibres has probably reached its highest point of efficiency in Canada, this partly because Canada has been longest in the field, and also because it sells more short fibre than any of the other producing countries. The shorter fibres are used for so many varied purposes that it is necessary to have the grading very distinct and prices for the various grades are likewise distinct.

In all countries the longest fibres are considered the best and command the best prices; therefore Asbestos fibres may be said to be invariably (the amosite asbestos is the single exception) graded according to length. Crudes are simply sorted when in rock form, according to length and by hand, but of course such a method becomes impossible when the milled fibres are reached.

Most of our readers, we dare say, are familiar with the Standard Testing Box used in Canadian asbestos mills. It consists of four separate trays or "boxes," the bottom of the first three being a screen. The boxes are placed one above the other, the screen in the top tray being ½" mesh wire; that in the second tray ¼" mesh wire; the third 1/10" mesh; the fourth or bottom tray is lined with zinc. (One half, one quarter and one tenth inch wire screens are screens having two, four and ten wires to the inch, respectively.)

The trays are securely clamped together and the combination then securely fastened to a frame supported on a countershaft, the whole of which rests on a wooden stand of sturdy structure. On the countershaft is a cogwheel, engaging with an axle, fly-wheel belt, etc., arranged to cause a throw of 1½" and give a rocker motion. This throwing action distributes the fibres according to length, over

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and thru the screens into the different trays.

The standard Thetford-Canadian test consists of placing one pound (16 ounces) of Asbestos Fibre in the top tray, No. 1; the machine is then set in motion at the rate of 300 revolutions per minute, for two minutes, at the end of which time the clamps are released and the contents of each tray carefully weighed, separately.

The test formula consists simply of the numerals in ounces of the fibre on each tray. For instance, the standard grade 0-8-6-2 is simply a fibre which, upon being tested as described, will show nothing in the first tray, eight ounces in the second, six ounces in the third and two in the fourth.

A very similar testing machine is used in Cyprus. As our readers probably know, Cyprus does not produce long spinning fibres, but only two grades of shingle stock, known as Cyprus Standard and Cyprus Shorts, and a very short clean fibre, Cyprus fines, used for various purposes where a short grade is desirable.

In the Blue (crocidolite) districts of South Africa, the longer crudes are graded by hand cobbing alone. The shorter grades undergo a sieving process by machinery.

Amosite is the exception to the general rule of grading by length. Since amosite fibres are all very long, they are graded by color. The colors range from a whitish grey to a yellowish hue, the whitish grey fibres being considered the best.

In Australia, the grades are selected by looking over the product of the various sieves used in the milling processes, and then a certain amount of retreatment is done on the sieves.

So much for the grading processes.

The different grades are known by symbols and to one not familiar with the grading and selling of the raw material, the system of naming the grades in the various countries, would appear to be hopelessly confused, or indeed they would regard it as no system at all.

The apparently meaningless symbols which now denote the various grades of Asbestos had at one time, how-

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From

CRUDE ORE

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FINISHED PRODUCT

Johns-Manville carries on the entire manufacturing process of asbestos. Mines in Arizona and Canada, seven factories located strategically across the continent and branch offices in all large cities cooperate in the supreme idea of service.

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ever, a definite reason for their choice. The reasons may now be forgotten, or the grade no longer associated with the purpose for which it was "named," but the symbol persists.

For instance X is one of the commonest letters with which Canadian producers in the early days described their products. At one time there were two scales of X's, one ascending, the other descending, in order of importance. This purely thru a difference of opinion of the producers, one of which considered XX as better than X, the other that XX denoted No. 2X and was of less value. Today all X's range in a descending scale; all X's test approximately 0-8-6-2, all XX's test 0-0-10-6 to 0-0-11-5, and all XXXX's have no guaranteed test.

Some producers have used the alphabet to denote the sequence of the various grades they sell. The Canadian sequence is usually, A, B, C, D, etc., or A, AA, BBB, etc., whereas the Crocidolite producer reverses this method, grading E (as the best material) D, C, B, A, S and X.

Crudes from Canada and Rhodesia are numbered, the name of the producing mine is usually prefixed to the grade number; Kings Crude No. 1, Bells Crude No. 2, etc.

The test of the material is sometimes shown by the numerical designation of the grade, thus: No. 313 (three-thirteen) tests 0-0-3-13; No. 115 (eleven-five) tests 0-0-11-5.

Z is a standard grade for all Canadian mines. It denotes "Zenit Asbestchiefwerke," the firm for which it was originally made, and has a guaranteed test of 0-1½-9½-5.

C in general means "cement" having a test of 0-0-5-11. In one instance it is a high-testing spinning fibre and in another a paper stock.

Since the asbestos merger there has been a simplification of symbols in Canada, caused by the withdrawal of a number of grades from the market. These grades differed so slightly from the standardized mill product of approximately the same test that neither the manufacturer using nor the miner producing them could distinguish any difference.

F denotes floats in all cases. D in one instance is a

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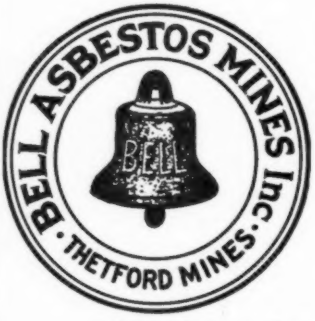
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shingle fibre, in all others (bar one) dust. S means shingle or special, usually the former. In combination it means "special shingle." RM means run of mine, and may be crude or a shingle fibre.

The following table gives the standardized grades and their variations and tests, in use in Canada at the present time.

Grade	*Test*	*Variables.*
Crude 1		None
Crude 2		None
RM Crude		None
X	0-8-6-2	None
Z	0-1½-9½-5	None
XX	10-6 to 11-5	None
C		C (10-6) and C-1 (11-5) also C (2-8-4-2)
Floats		F or TF or FF
No. 313		None
XXXX		None
D		D (6½-9½) D (2-10-4)

Each mine producing spinning fibre assigns to that fibre a particular grade mark. This grade mark may be in the sequence A, B, C, etc., or may be quite independent of any sequence. It may be descriptive, such as L for long, or M for Martin. In general, spinning fibres are designated by the first two letters of the alphabet, possibly in combination with a number.

Short grades of fibre are sometimes numerically designated such as No. 203, No. 352, No. 129. These are in most cases manufacturers numbers, and are given by the manufacturer using, selling or producing the material.

The following are the grade symbols used in the Blue Asbestos field:

X	Up to ¼ in. in length	Graded by Machinery
S	¼ to ½ in. " "	
A	½ to ¾ in. " "	
B	¾" x 1¼ in. " "	Graded by hand only
C	1-¼ to 1-¾ in. " "	
D	1-¾ to 2 in. " "	
E	Upwards of 2 in.	

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ARIZONA



AFRICA

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IMPORT

EXPORT

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The Amosite material has 3 grades, Nos. 1, 2 and 3, the No. 1 being used for spinning purposes, No. 2 for the manufacture of rope, felts, etc., and No. 3 for Asbestos Cement products, such as slates, corrugated sheathing, etc. The various Amosite mines prefix a letter to designate the mine from which the material comes, for instance B1, B2 and B3, Amosite refers to material coming from the original Penge Mine, while the material from the mine adjoining, Amosa, is labelled D1, D2 and D3.

In Australia, at least at the Lionel plant, the lowest grade of material produced, which is about ¼ in. in length is called No. 1, No. 2 is ½ in. in length, No. 3 about 1″ in length and No. 4 the best of all, 2″ and over, just the reverse of the system in Canada.

Producers of Cyprus Fibres no longer designate their grades by symbols. The three grades—Cyprus Standard, Cyprus Shorts and Cyprus Fines, represent the full range of their grades, and it is much less confusing to designate them by these distinctive names than by letters or numbers.

It is obvious that much could be done toward the establishing of certain grade names which would mean practically the same thing in all asbestos producing countries. While the merger in Canada has done much toward simplifying the grade names and classifications there, no effort has been made to have the grade markings in other countries correspond with Canada, or even those used in one part of Africa, correspond with those used in another part.

Russian producers are working toward simplification in grades and grade names. The grades at the present are AA Crude, Special No. 1 and No. 1 representing the longest Crudes; B Crude, No. 2 Crude and No. 3 Crude the next in length while No. 4, 5 and 6 Crude are supplied for shingle stock. The Russian producers are making an effort to simplify these gradings and reduce them to one grade of Russian Crude, No. 1, one grade of Russian Crude No. 2, and one grade of Russian Crude for shingles, but it will take some little time to work this out.

If standard grade names were adopted for all Asbestos, whether it be Canadian, Russian, South African, Rho-

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desian or whatnot, based on, for instance, the general characteristic of length, it would save much confusion on the part of buyers, and a lot of unnecessary expense resulting from such confusion would be avoided. The next step forward, of course, would be a standard test for the shorter grades, so that no matter from what country a buyer orders material, if he gave the test figures or the grade name, he would be certain of getting at least the same general class of material.

We realize that there would be many difficulties in working out a uniform system of grading for all Asbestos countries, even aside from purely personal reluctance to change gradings and grade names, but we do think an effort along this line would be a step in the right direction.

Comments on the subject will be appreciated.

Building

Building statistics for July show a decrease from June figures.

The June totals were 20,061 projects, 94,381,100 square feet of floor space and $650,466,200 valuation, while July figures are 17,653 projects, 82,125,100 square feet of floor space and $583,432,400 valuation. The decrease was noticeable in every classification.

Total contracts awarded during the first seven months of the year amounted to a valuation of $4,028,-299,900, an increase over the same period in 1927 of 8%.

The Report on Mining Operations in the Province of Quebec for 1927, contains the article on "Asbestos Milling and Dressing for the Market," by Eugene Larochelle, this article having been previously mentioned in our pages as appearing in the Bulletin of the Canadian Institute of Mining and Metallurgy.

The Report also gives a table of average prices on the various grades of Asbestos Crudes and Fibres from 1910 to date, and much other interesting information on Asbestos both in Canada and other countries .

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Chester L. Hill

Many of our readers recall the brilliant Chester L. Hill, who was best known, perhaps, as the associate of S. R. Zimmerman in the United States Asbestos Company, and many will regret to learn of Mr. Hill's death on August 6th, after a somewhat extended illness.

Mr. Hill was first identified with the Asbestos Industry in about 1902 or 1903, when he was employed as Assistant Superintendent of the Textile Department, Keasbey & Mattison Company at Ambler, Pa. Previous to that Mr. Hill had had much experience in the textile industry but had never manipulated asbestos fibres.

About 1906 he severed his connection with the Keasbey & Mattison Company and, together with S. R. Zimmerman of Lancaster, Pa., organized the United States Asbestos Company, with plant at Manheim, Pa.

The company at first engaged in the production of asbestos yarns of a general commercial grade, uses for the product in those early years being relatively limited. Mr. Hill's experience, energy and foresight enabled him to supervise manufacturing operations and personally effect sales which kept the plant running to capacity from the very beginning as well as to develop the products which the increasing uses for asbestos textiles demanded as the years went by.

From the start of the enterprise Mr. Hill took a leading position as a pioneer in the asbestos textile industry. He was well and favorably known in the trade and regarded by associates and competitors alike as a man of exceptional capacity and resourcefulness in his chosen field of endeavor.

He continued as general manager and principal director of the operations of the Company until his retirement from association with it in 1922. During the period of his association with the Company it was developed from relatively small proportions to one of the largest in the asbestos textile industry in this country.

After his retirement from the United States Asbestos Company, Mr. Hill went to California, where he engaged

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in the automotive business, becoming Packard and Durant Distributor at Long Beach, Calif. He was also interested in oil development in the famous "Signal Hill" field at Long Beach. In 1920 he helped to organize the West Coast Asbestos Company, at Downey, Calif. (now the Emsco Asbestos Company) and was Vice President of this concern until 1922. Later he joined the Union Asbestos & Rubber Company of Chicago, with plant at Cicero, Ill.

Mr. Hill was born in Lowell, Mass., and in early life had acquired an abundance of knowledge and experience in some of the leading textile mills in New England, which he applied with telling effect when he entered the asbestos industry. He died at his home in California having been in ill health for almost a year.

Friction Metal Brake Lining

Mention was made, in a recent issue, of Friction Metal Brake Lining, and a description of this material and the claims made for it may be of interest to those of our readers directly or indirectly interested in the brake lining trade.

Friction Metal Brake Lining is an all metal woven brake lining. It is made entirely of metals, the core being metal foils (copper, lead and aluminum) around which is woven fine metal wire. Around this the metal foils are again placed and fine wire woven around the whole. The lining is now tubular in form, and is pressed flat to the proper size. At each stage of manufacture the material is treated with mineral filler and lubricant, and there is a final curing stage. In its finished state it is said to be hard, yet flexible, and the inner core of metal provides the necessary cushion.

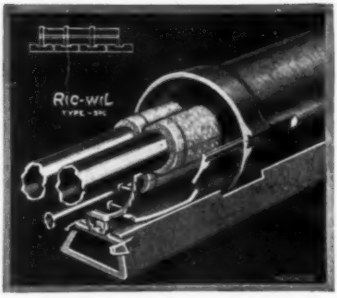
Friction Metal Brake Lining has been in process of test for nearly four years, and in actual use as a brake lining for the best part of a year. It is made in all sizes and for all makes of cars and is said to be as easy to install as any fabric or asbestos lining.

The braking efficiency of this lining is claimed to be in its perfect wearing surface between band and drum,

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and the manufacturers claim that tests have conclusively proven that the material is equal if not superior to other forms of brake lining, in its heat resisting qualities, its absolute imperviousness to weather conditions, and length of wear.

In actual performance this lining, because of its method of construction and the perfect bearing formed under the gruelling pressure and friction heat of modern brakes, tends to amalgamate the various metals into a practically solid metal bearing which does not crystallize or lose its breaking efficiency with wear.

Further claims are made that it will not "squeak"; water, dirt, oil or grime does not affect it. The lining does not slip, or grab, but produces a smooth and positive stop and is absolutely dependable under all conditions.

A sample of this Friction Metal Brake Lining can be seen in this office, or one may be obtained by addressing the manufacturers, The Friction Metal Corporation, 1716-18 West Adams St., Chicago, Ill.



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Canadian Spinning Fibre
Canadian Shingle Fibre
Russian Crude
Rhodesian Crude
South African Blue Crude
South African Yellow Crude

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FACT AND FANCY

The Real Cause for Scarcity of Asbestos Fibres.

In commenting on the market situation in asbestos fibres, we have on occasion referred to the scarcity of spinning material, particularly Canadian, and some of our readers appear to have gotten the impression that Canada is actually running short of Asbestos.

If such an impression has been created, it was done involuntarily, and is entirely erroneous. Canada has plenty of spinning material, as well as the lower grades, and expects to have for years to come. The scarcity is due partially to the bad weather which has obtained in Canada during the past year, and principally to the tremendous, and rather sudden, increase in the use of spinning fibres, particularly for brake linings, which makes it difficult for Canada to produce sufficient spinning material for the world's needs without overproduction of the lower grades. In fact it is the economic side of the problem that must be considered.

Our readers perhaps know that some of the smaller mines which formerly produced some spinning material (but mostly short material) have been closed down because the prices being paid for the spinning fibres could not, alone, carry the cost of keeping the mines working, and no market could be found for the short stuff.

We certainly do not expect to live to see the day when Canada will have no more Crudes to produce. Several generations hence may have to battle with that problem but the present one need not concern itself.

In fact the Asbestos Corporation Limited wrote us the other day that upon completion of its new Beaver Mill, it will be in a position to increase its supplies of spinning qualities.

It is well to remember, however, that it takes men and machinery to produce Asbestos, and the cost of production is therefore constantly rising rather than the reverse—which may some day, cause price to be a limiting factor.

This is also true, probably to a lesser extent, of other

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asbestos producing countries. Price may therefore well be regarded as the main factor affecting the volume of production—which means, of course, that there is little chance of a decline in price at the present time, but every indication is toward advance—gradually perhaps but at least the tendency is in that direction.

Uncomfortable Safety Clothing.

A comment in the New York World on safety devices says that leather or asbestos safety clothing, is available at reasonable cost, but is often neglected because it is thought to be uncomfortable. A thought here for the manufacturers of safety clothing—perhaps education as to the comfortableness of the clothing is the only thing needed to make asbestos clothing more popular among workers needing such protection.

"Looking Back and Forward at Finance and Industry."

On July 30th, Samuel Untermyer addressed the Constitutional Law Class of the College of the City of New York, on the above subject.

A copy of this address is in our hands, and after a careful perusal of it, we urge all principals of firms engaged in or connected with the asbestos business, to obtain a copy of this address and read it carefully.

Mr. Untermyer discusses the state of modern business, particularly with regard to the trade practices laws, viz: the Sherman Anti-trust Law, Federal Trade Commission Act, Clayton Act, and others which are intended to govern interstate commerce.

Overhead.

Overhead, like the poor, is always with us. It is no longer, however, a mysterious something to be mentioned with bated breath. It is just one more known economic factor with which we must deal if we are to succeed—the cost of doing business.

One writer says "Overhead is anything you pay for and can not sell again."

It's a good definition and one easily applied. Anything you cannot charge to some job must be Overhead.

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The Presidential Year Bugaboo

(A Commentary on the above subject, published in the August Issue of Industrial Power.)

The bugaboo of "the Presidential Year" in business has been consigned to the limbo of obsolete theories by all clear thinking business men.

Exhaustive research into American business records as far back as they go indicate that business cycles complete themselves about every four years. And it just happened that the first depression of which there is any record occurred during the year prior to Adams' inauguration. Since then, depressions have occurred approximately every four years. If some good reason were found for changing the Presidential term to six years, it would be discovered that business cycles bore no relation to the election of our President.

Any effect that does exist is entirely psychological, for many owners of small businesses start out with the assumption that this is going to be a dull year because of the Presidential election. Stocks of purchased goods are held at a minimum and new constructions are postponed with this thought in mind. In fact the executive is disappointed if his predictions do not come true.

There are no business issues of any consequence at stake in the forthcoming election in November, and regardless of its outcome, business will continue on the up grade. So contributory is business to the progress of the United States that neither of the political parties would dare to present a candidate who would be detrimental in any way to the success of American enterprise.



TAPE
AND LISTINGS

Write For Samples and Prices
ATLAS ASBESTOS CO.
NORTH WALES, PA.

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The Package in the Insulation Industry

Modern merchandising methods indicate that we are living in a package age. Purchases that are made of food products and articles of personal requirements show that what can be packed is attractively placed in containers giving to the customer, sanitation, convenience and ease in handling.

Rolled oats, rice, sugar, are cheaper in bulk, but the preference for cleanliness and convenience is represented in an advertised package. The desire for carton packages is spreading to all lines of products and now that it has been adopted by the Insulation Industry, in which so few new merchandising ideas are found, it is worthy of comment and demands attention.

The first step towards an uptodate merchandising plan in the Insulation Industry has been the use of the carton for the carrying of Aircell Covering. Everyone is familiar with the old-fashioned, cumbersome crate, with its ungainly size, open sides and heavy weight. Few who receive shipments in this way have not found some of the crates badly battered and with sides torn off, permitting damage to the covering. The open sides have allowed the sections to be punctured and broken and many pieces of covering have been totally ruined by rain beating against the unprotected crate while it lay on the freight platform or was being trucked to the warehouse or to the operation.

Contrast with this the new package, a small corrugated container approximately one fourth the size of the crate. A package holding about a quarter of the amount of pipe covering as the crate, completely sealed, waterproof and each section fully protected. The carton which has been found most convenient measures 14 in. x 20 in. x 37 in., and fully packed, weighs approximately 45 pounds. Thoughtful care has been given to the proper packing of the number of sections in each carton. The standard which has been set was taken from the average house lines that need insulating and, as nearly

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Allbestos Corporation

Quality Brake Lining
Textile Specialties

Asbestos
Yarns, Roving
Cord and Cloth

Manufactured from the raw materials by

Allbestos Corporation

PHILADELPHIA, PA.

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ASBESTOS
FABRICS *and* YARNS

for Manufacturers of

BRAKE LININGS

HIGH PRESSURE STEAM PACKINGS AND FRICTION FACINGS

MADE TO SPECIFICATIONS

Samples and Prices on Request

We Solicit Your Inquiries

UNION ASBESTOS & RUBBER CO.
18th & So. 54th Ave., Cicero, (Chicago) Ill.

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as possible, the package contains a sufficient footage of a size to insulate a residence.

The desirability of this carton has been actually tested on the large operations, such as insulating the pipes in theatres, apartments and office buildings. A contractor was commenting on a recent job he was doing on which he had ordered the air cell needed in cartons, "I was surprised," he said, "at not only the advantage to be had in convenience in handling the covering, but at the labor which was saved and how the job was speeded up. Ordinarily I use two men, beside the driver, to unload covering from the truck that brings it to the job, which makes the task slow and cumbersome. With the cartons I saved a man and besides unpacked the truck and distributed the covering more quickly."

"This particular job," he continued, "was thirty one floors. The cartons were all marked with the size, style and contents, and I simply put a sufficient number on the elevator and at each floor unloaded what was needed there. It could not be damaged and being so well protected was safe to leave around. When the mechanic went up on the scaffold he took his full cartons and worked out of them, having a container that held more than he had ever taken up with him before. Then when the job was finished, I was astonished to get back to my shop every section that was not used. The cartons held just the right quantity because a new carton was never opened until the size was needed and when sections were left over they were returned to the container. The men had some place in which to put them, and my waste was far less than it had ever been before."

The Plumbing Supply Wholesaler, who is figuring more and more in the low pressure insulation business, has found the carton fitting in with the packages supplied him by manufacturers of plumbing and heating necessities. It makes the carrying of stocks of air cell covering more attractive to this class of trade, because they have found that they can deliver to the plumber a standard package, and do not have to bother with the loose bands as the necessary bands for a carton of covering are contained

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AMERICAN ASBESTOS COMPANY

Manufacturers of
Asbestos Textiles

NORRISTOWN, PA., U. S. A.

Headquarters for
Yarns, Cloth, Tapes, Fibres, Brake Linings and Textiles Generally

WRITE FOR PRESENT PRICES

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in the sealed package, thus solving one problem that has always been a source of annoyance.

The taking of inventory by the wholesaler has always given rise to continual complaint on air cell covering. The crates were often mixed, the half empty crate was difficult to count and much time was consumed. With cartons the taking of inventory is a simple task. On the side of each carton is stamped size, style and contents, and as quickly as the eye can run over these figures the inventory can be taken. An investigation among plumbing supply wholesalers has failed to bring a dissenting comment—rather have they spoken of ease in handling, prevention of waste and increased sales, with the best of compliments.

The plumber and steam fitter who handle the small residential job has also been consulted for his reaction. Like the others he was completely satisfied and desired his covering packed in cartons in the future. Usually this trade find lack of storage space and very often the damp cellar is put into use. All sections not used are now kept clean and dry by putting them back in the cartons and using these as a rack or a bin just as the wholesaler has heretofore used the crates. Thus by eliminating a lot of waste the plumber is able to work with material he used to discard.

There are many advantages of packing aircell in cartons over the crate method. This has been realized by the manufacturers for some years; all that was required was for one to experiment and exploit the new idea.

The Norristown Magnesia & Asbestos Company, an organization specializing in low-pressure coverings as well as other asbestos insulating products, has been working on this problem for several years. They have long realized the need for such a merchandising method and have been sounding out the various classes of trade to determine how successful the adoption of the carton would be. Recently they standardized on the package and so advised their customers. They state that in no instance have they found any dissatisfaction but rather the comments have been such that they believe cartons are here to stay. The points of

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advantage given by the trade are:

Carton is convenient (proper) size.
Easier to handle.
Stores more neatly and easily.
Covering stays clean.
Standard package increases sales.
Facilitates counter transactions.
Keeps covering dry.
Makes inventory easy.
Minimizes breakage and waste.
Makes lower transportation costs.

It is encouraging to see something new in the insulation business. It is believed that new ideas are working in the asbestos industry and that the business is taking on new life to join in the modern spirit of advancement.

So many people nowadays are aiming to be something they are not, that one has only to be himself to be exceptional.

The best way to be different is to be natural.

ELIMINATE PAINTING

Save Time and Labor

Won't Ignite or Mildew

JATON CLOTH
REGISTERED TRADE MARK

Watertight and Oilproof

ARCHITECTS
ENGINEERS
CONTRACTORS
} change your specifications to

JATON CLOTH

for protecting insulation and canvas sewed jobs.

Also for porch decking

ASHER WALTER, *Sales Agent*
26 CORTLANDT ST., NEW YORK

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"CAPE" BLUE ASBESTOS

POSSESSES
DURABLE & NON-CONDUCTING QUALITIES
unequalled by any other asbestos, besides which it has:

(1) Greater tensile strength
(2) Greater specific volume
(3) Greater resiliency

SPECIALTIES:—

ALL CHEMICALLY PURE i. e. 100% ASBESTOS

"Pluto" Blue Asbestos **Mattresses** for Locomotive and Marine Boilers, etc.

Blue **Cloth** for Acid Filtration

'Bluejacket" **Sectional Covering** for steam pipes
(100% Asbestos)

THE RAW MATERIAL IS GRADED AS FOLLOWS:

"S" Crude from ¼ in. to ½ in. in length of fibre
"A" Crude from ½ in. to ¾ in. in length of fibre
"B" Crude from ¾ in. upwards in length of fibre

Prices for Crude can be obtained on application direct to the Cape Asbestos Co. Ltd.

The Cape Asbestos Co Limited
Morley House 26-30 Holborn Viaduct London E.C.1.
Factory, Barking, Essex

Telegrams:— "Incorrupt," London. Telephone City 6937

Sole Representatives for the sale of blue manufactured goods in America.

The United States Asbestos Co. Manheim, Penna.

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MARKET



TRADE MARK

ASBESTOS-CEMENT
SHINGLES
CORRUGATED
SHEETS
AND LUMBER,

ARE USED EXTENSIVELY BY THE BELGIAN RAILWAY AUTHORITIES & WAR DEPARTMENT. THIS IS PROOF OF THEIR QUALITY.

L. Scheerders-Van Kerchove,
St. Niklaas (Waes)
Belgium

QUOTATIONS, LITERATURE and SAMPLES SUBMITTED TO ANYONE INTERESTED.

"There now appears to be very little doubt that business during the last half of 1928 will be more satisfactory than it was in the last half of last year, both as to profits and as to total volume," is the opening sentence of an editorial appearing in the Industrial Digest, and the article then goes on to state various factors which support this observation.

Statistics given on other pages of this issue, concerning the building situation, and automotive production, tend to confirm the statement.

It is further predicted that 1928 will go down in history as at least one of the best, if not the best, of business years.

Asbestos—Raw Material.

The raw material situation in the asbestos business is practically the same as it has been for the past two months. Demand is very strong for crudes and spinning fibres; not quite so active on shingle fibres.

Manufactured Asbestos Goods.

There is likewise very

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CONDITIONS

little change in the market for asbestos manufactured goods. Demand is fair in practically all lines.

Insulation materials are finding good volume—apparently keeping up well to last year. Prices, while not high, have a tendency to firmness.

Paper, following as usual the insulation market, is finding good demand, and there appears also to be a good market for special paper, one of the manufacturers having recently installed a new paper machine for the manufacture of this commodity.

Textiles seem to be holding up fairly well. Manufacturers are worrying about supplies of spinning fibres, but this situation should ease up within the next couple of months, especially when the Beaver Mill is completed.

Asbestos Cement Shingles are becoming more and more popular each year, showing a larger use and more interest on the part of the public. This is as it should be especially in view of the



TRADE MARK

"EVERITE"

Asbestos Cement
Shingles
Lumber
Corrugated Sheets

"GIFFA"

Decorative
Wall Lining
(patented)

The best imitation of Marble Panels measuring 8' 3" x 4'
27 Patterns

Apply for Prices, Pamphlet and Free Samples

Societe Francaise de "l'Everite"

Plaine St. Denis
nr. Paris
and Bassens nr.
Bordeaux
(France)

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several new factories being established in the United States for the manufacture of this material.

The principal job of the asbestos shingle manufacturers at the present time, as we see it, is to still further increase the popularity of asbestos shingles. A co-operative advertising campaign would do the job more quickly, more cheaply and more spectacularly.

On the whole the asbestos industry is keeping up its end fairly well. There is much, of course, which could be done to improve conditions all along the line, as there is in any other line of business, but it seems to us that the Asbestos Industry is honestly striving to better itself in both manufacturing and merchandising.

ZONOLITE MINE FOR SALE.

Zonolite or vermiculite (the correct name) is a very rare material. One of the largest mines known in the United States is for sale. Address Fred Patee, Casper, Wyo.

Italian Asbestos Crude

Matchless for fineness, strength and length of the fibres (various grades—1 to 12 inches and more).

Carded Fibres also

By the

Societa Cave Amianto Di Valmalenco

Sondrio, Italy

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Asbestos Fibre

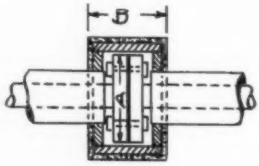
for the manufacture of

Roofing Cements · Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper · Pipe Coverings
Asbestos Millboard
High Temperature Cements

THE QUEBEC ASBESTOS CORPORATION

Office and Mines
EAST BROUGHTON, PROVINCE *of* QUEBEC
CANADA

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Standard Weight Flange Areas
Permanent Type.

Pipe Size I.D.	Pipe Size O.D.	O.D. Flange "A"	Length of Cover on Pipe 2" thick "B"	Sq. ft. Blocks 1" 1/2 Average	Sq. ft. Cement 1/2" thick over 1" Blocks	Sq. ft Cement 1/2" thick over 1 1/2" Blox.	Sq. ft. Cement 1/2" thick over 2" Blox	Sq. ft. 1" Cement	Sq. ft. 1 1/2" Cement
2 1/2	2 7/8	7	6 1/4	1.	2.	2.4	3.	1.4	1.5
3	3 1/2	7 1/2	6 1/2	1.2	2.1	2.6	3.3	1.5	1.6
3 1/2	4	8 1/2	6 1/2	1.4	2.2	2.7	3.4	1.6	1.9
4	4 1/2	9	6 3/4	1.6	2.3	2.9	3.6	1.7	2.1
4 1/2	5	9 1/4	7	1.7	2.4	3.	3.8	1.8	2.2
5	5 1/2	10	7	1.8	2.5	3.3	4.	1.9	2.3
6	6 5/8	11	7	2.1	2.8	3.5	4.4	2.2	2.7
7	7 5/8	12 1/2	7	2.4	3.2	4.	5.	2.4	3.
8	8 5/8	13 1/2	7 1/4	2.7	3.6	4.5	5.7	2.8	3.3
9	9 5/8	15	7 1/4	3.1	4.	4.8	6.	3.1	3.7
10	10 3/4	16	7 1/2	3.7	4.4	5	6.3	3.8	4.1
12	12 3/4	19	7 3/4	4.4	5.6	6.7	8.	4.6	5.2
13	14	21	8 1/4	4.8	6.8	7.	8.7	5.2	6.3
14	15	22 1/4	8 1/4	5.4	7.3	8.	10.	5.8	6.7
15	16	23 1/2	8 1/4	6.	7.8	9.	11.2	6.4	7.
	18	25	8 3/4	6.8	8.7	10.	12.5		
	20	27 1/2	9	7.7	9.5	11	13.8		
	22	29 1/2	9 1/2	8.7	10.8	12.2	15.2		
	24	32	9 1/2	10.	12.	13.4	16.7		
	26	34 1/2	9 3/4	11.	13.	14.7	17.5		
	28	36 1/2	10	13.	14.	16.	20.		
	30	39	10 1/4	14.5	15.	18.	22.5		

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CONTRACTORS AND DISTRIBUTORS PAGE

The table reproduced on the opposite page, has been published thru the courtesy of the Asbestos Board of Trade of New York.

This table is used for the computing of the material requirements of insulation for flanges built in a permanent manner.

The first vertical column to the extreme left indicates the inside diameter of the pipe. The second column indicates the outside diameter of pipe. The third column indicates the outside diameter of flange as shown in sketch while column four indicates the length of flange cover as shown in sketch above the table.

The fifth column indicates the square foot area of block insulation based on a 1½" thick average; the sixth column the square foot area of cement ½" thick over 1" blocks.

Column No. 7 indicates the area of cement ½" thick over 1½" blocks, and No. 8. the area of cement ½" thick over 2" blocks.

No. 9 shows the area of cement 1" thick over 2" blocks and No. 10 square foot area of cement 1½" thick over 2" blocks.

Example: If you had ten 6" flanges to insulate in a permanent manner with 1" magnesia blocks and ½" cement, the material requirement would be found as follows:

Follow inside pipe diameter for 6", horizontally, to the square foot block area 1½" average, and you will find that for one flange the area is 2.1. This multiplied by ten flanges gives the total area of block requirements as 21 square feet.

All block insulations on flanges are generally finished with ½" cover of cement, and to find the area of cement requirements, follow horizontally the line for 6" pipe diameter, to the sixth vertical column where you will find the area for one flange—2.8. This multiplied by ten gives the total area of 28 square feet of cement ½" thick, or approximately one-half of one 100 lb. bag of cement.

This same procedure is followed for flanges insulated with 1½" blocks and ½" cement, and 2" blocks and ½" cement.

If the flange is to be covered with all cement insulation, the material requirements for ten 6" flanges will be found by following the 6" size horizontally to the ninth vertical column where an area for one is 2.2, and for ten, 22 square feet 1" thick, or approximately one 100 lb. bag of cement.

WAGE NOTES

Cincinnati, O. New agreement, in force as of May 24, 1928 until June 23, 1929, continues the old rate of wage to pipe coverers of $1.30 per hour.

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BRAKE LINES

This page devoted each month to the discussion of brake lining activities by the Asbestos Brake Lining Association

The Asbestos Brake Lining Association thru its Technical Committee has just issued new suggestions for Chiefs of Police, Chambers of Commerce, Safety Councils, etc., in connection with Save-a-Life Campaigns and are sending same to Police Chiefs thruout the country wherever these campaigns are contemplated.

A special feature of these suggestions covers proper training of police inspectors and assistants relative to real brake efficiency and also includes a table of stopping distances based on experience thru the co-operation of the Association in past Save-a-Life campaigns.

This information will also be quite interesting to the general trade, particularly officially appointed service stations, and the Association announces that it will be glad to send copies of these instructions to anyone in the industry who may be interested, on application to the Association Headquarters, 7 East 44th Street, New York City.

The first fall meeting of the Asbestos Brake Lining Association is scheduled for Wednesday, September 19th, at the Waldorf-Astoria Hotel, New York City, at which time the Association will consider future plans and new activities, for advertising, publicity, etc.

The Asbestos Brake Lining Association regrets to record the death of an officer of one of its member companies, C. L. Hill of the Union Asbestos & Rubber Company of Chicago, Ill. Mr. Hill was a man of extraordinary ability and had a wonderful career, being active in the asbestos industry for the past few decades.

WANTED

Young man to take full charge sales work and manufacturing in growing insulation concern. Reply, giving qualifications, present employment and salary to Box 9C-D, "ASBESTOS."

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CYPRUS ASBESTOS COMPANY

LIMITED

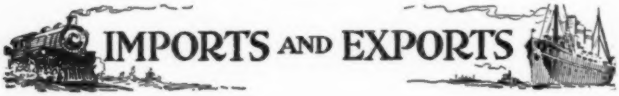


SOLE SELLING AGENTS

CYPRUS TRADING CORPORATION, Ltd.

49 ST. JAMES'S STREET, LONDON, S. W. I.

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Imports into U. S. A.

Unmanufactured Asbestos.

	July 1927 Tons (2240 lbs.)	July 1927 Value	July 1928 Tons (2240 lbs.)	July 1928 Value
Africa (Br. S.)	187	$ 31,592	120	$ 21,072
Africa (Port. E.)	210	50.545	154	41,249
Africa (Other Port.)	...	...	52	13,130
Belgium	1	143	...	...
Canada	14,467	477,692	17,236	659,842
Germany	281	70,231	178	39,544
Italy	...	...	1	1,220
United Kingdom	41	9,509	...	...
	15.187	$639,712	17,741	$776.057
Tabulation of Crude Only:				
Africa (Br. S.)	142	27,112	120	21,072
Africa (Port. E.)	210	50,545	154	41,249
Africa (Other Port.)	...	...	52	13,130
Belgium	1	143	...	...
Canada	419	97,551	486	109,777
Germany	281	70,231	178	39.544
Italy	...	...	1	1,220
United Kingdom	41	9,509	...	...
	1,094	$255,091	991	$225,992

The balance of the material (Canadian) imported during July 1928 consisted of 7,232 tons of Mill Fibre, valued at $396,038; 90 tons of Stucco, valued at $1,500, and 9,428 tons of lower grades, valued at $152,527.

Manufactured Abestos Goods:

	July 1927 Pounds	July 1927 Value	July 1928 Pounds	July 1928 Value
Yarn				
Germany	336	$ 352	498	$ 495
Italy	253	283	...	...
United Kingdom	29,960	8,872	13,249	3,692
Fabric, Woven				
United Kingdom	3,229	1,458	5.055	3,367
Packing, Fabric				
Germany	108	62	...	...
United Kingdom	...	...	2,000	670

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ASBESTOS

	July 1927 Pounds	July 1927 Value	July 1928 Pounds	July 1928 Value
Packing, Not Fabric				
Canada	...	...	11	11
France	1,050	271	2,123	359
Germany	2,753	703	10,369	2,455
United Kingdom	366	112	3,566	1,057
Paper and Millboard—None				
Shingles, Slate, Wood or Lumber				
Belgium	9,085,851	$122,610	1,807,821	$ 25,326
Canada	139,942	1,840	3,206	154
France	239,397	3,607	676,628	9,284
Germany	230,365	3,690	...	...
Netherlands	607,386	9,850	484,665	7,994
Switzerland	204,001	28,718	...	...
United Kingdom	72,262	1,034	...	...
	10,579,204	$171,349	2,972,320	$42,758
Asbestos Cement				
Canada	450	16	...	...
Other Manufactures				
Canada	1,317	90		
France	2,747	576		
Germany	1,990	498	None	
Netherlands	524	19		
United Kingdom	2,747	3,039		
	9,325	$4,222		
Grand Total	*10,627,034*	*$187,700*	*3,009,191*	*$54,864*

Shingles, Slate, Wood and Lumber—By Districts.

	July 1928 Pounds	July 1928 Value
Galveston	137,742	$ 1,699
Georgia	126,533	1,822
New York	429,854	7,267
New Orleans	2,119,329	29,474
North Carolina	60,424	978
Philadelphia	95,232	1,364
St. Lawrence	1,420	40
Vermont	1,786	114
	2,972,320	$ 42,758
Previous month (June 1928) See August number	*3,443,042*	*$123,849*

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Exports from U. S. A.

Exports of unmanufactured Asbestos during the month of June[1] 1928 totalled 41 tons, valued at $25,717. During June 1927 5 tons, valued at $1,196, were exported.

Exports of manufactured asbestos goods:

	June 1928		June 1927	
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rlbd.	63,131	$ 5,109	50,971	$ 4,286
Pipe Covg. & Cement	182,281	11,762	663,784	36,512
Textiles, Yarn & Pkg.	95,906	59,762	97,580	58,579
Brake & Clutch Lin'g.	43,917	27,600	639,844 li. ft.	111,696
Asbestos Roofing	6,289 sqs.	32,347	6,635 sqs.	56,331
Magnesia & Mfrs. of..	800,196	36,339	370,191	19,298
Other Asbestos Mfrs...	225,978	25,822	188,327	34,280

Exports of Raw Asbestos from Canada.

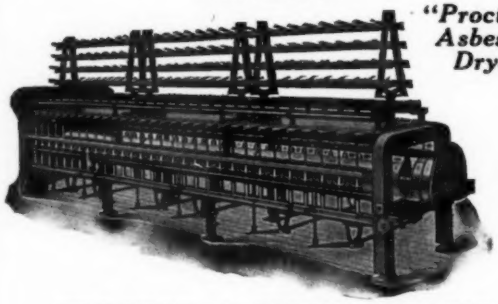
	July 1927		July 1928	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom	1,324	$ 91,350	530	$ 48,760
United States	5,460	342,885	6,676	472,941
Australia	332	23,240	155	11,525
Belgium	1,105	73,825	250	30,625
France	580	55,875	852	62,830
Germany	1,329	99,800	1,576	122,135
Italy	133	8,500	204	23,525
Japan	555	27,395	680	36,782
Netherlands	172	14,080	302	17,725
Spain	...	...	64	4,950
	10,990	736,950	11,289	831,798
Sand and Waste—				
United Kingdom	205	4,750	70	1,750
United States	8,586	132,487	10,239	162,138
Australia	10	128	...	...
Belgium	...	...	66	1,650
France	60	1,200	60	1,500
Germany	220	4,600	100	2,500
Netherlands	...	...	230	5,700
	9,081	143,165	10,765	175,238
Grand Total	*20,071*	*$880,115*	*22,054*	*1,007,036*

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ASBESTOS YARN MACHINERY

"Smith-Furbush"

"Proctor" Asbestos Dryers



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Formerly Smith & Furbush Machine Co.

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Importers of Asbestos
Crudes and Fibres

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Lieber's Latest Code
Bentley's Complete
Phrase Code

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Imports and Exports by England.

Imports of Raw Material.

	July 1927 Tons (2240 lbs.)	Value	July 1928 Tons (2240 lbs.)	Value
From Rhodesia	683	£ 20,090	1,140	£ 40,856
From Canada	1,826	30,183	420	9,480
From Other Countries	550	13,463	556	15,164
	3,059	63,736	2,116	65,500
Re-shipments	494	15,286	344	12,189

Exports of Manufactured Asbestos Goods.

To Netherlands	46	5,651	87	6,906
To France	44	7,372	54	10,470
To U. S. of A.	27	5,103	15	2,381
To British India	655	15,119	711	16,016
To Australia	48	5,522	49	6,639
To Other Countries	1,123	64,061	2,003	77,698
	1,943	102,828	2,919	120,110

AUTOMOBILE PRODUCTION

Total automobile production for July 1928 amounted to 415,571 vehicles, 390,445 in the United States and 25,226 in Canada.

This total was divided between 358,055 passenger cars and 57,516.

Production for the previous month totalled 425,366 vehicles, and for July of 1927 the total was 279,472.

Preliminary reports for August indicate a production of 485,000 for that month, the highest total for any single month. The previous record month was 462,800 in April 1926. Automotive men are predicting that 1928 will set a new high record, passing that of 1926 when 4,503,529 motor vehicles were produced.

PRODUCTION STATISTICS (Continued from page 43)

Canada.

Report on the Mining Operations in the Province of Quebec for the year 1927 has just been received but the figures are practically the same as those given in the preliminary report. The only difference is in shipment and sales of shingle fibre, which is given in this final report as 44,573 tons, 20 tons less than reported previously.

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PRODUCTION STATISTICS

Africa (Rhodesia)

Bulawayo District

	May 1928 Tons (2000 lbs.)	Value
Biltong (Vukwe Asb. Sgn. Ltd.) ...	20.00	– 400 0 0
Nil Desperandum (Af. Asb. Mng. Co. Ltd.)	732.15	15,951 0 0
Norma (United Mng. & Gen. Tr. Ltd.)	86.00	1,720 0 0
Pangani (J. S. Hanccok)	22.71	306 11 0
Shabani (Rho. & Gen. Asb. Corp. Ltd.)	1,503.85	30,076 18 0
Lomagundi District		
Ethel (Union & Rhod. Tr. Ltd.) ..	32.00	640 0 0
Ethel (under declared Oct. 1927—Mar. 1928)	33.15	1,874 16 9
Victoria District		
Gath's (R. & Gen. Asb. Corp. Ltd.)	746.64	14,932 16 0
King (R. & Genl. Asb. Corp. Ltd.)	382.34	7,646 16 0
	3,549.84	73,548 17 9
Less overdeclared on adjustment to 3/31/27 (Gath's)		783 17 10
Total	3,549.84	72,764 19 11
*Production during May 1927	2,781.31	50,328*

Cyprus.

	1927	1928
June	1530 tons	2,187 tons (2240 lbs.)
July	2150 tons	2,173 tons (2240 lbs.)

Africa (Union of South Africa)

	May 1927 Tons (2000 lbs.)	Value	May 1928 Tons (2000 lbs.)	Value
Transvaal				
Amosite	536.00	£ 5,349	427.50	£ 4,275
Chrysotile	...	...	15.00	358
Blue	1,405.00	19,945	767.00	14,948
Cape				
Blue	501.57	10,571	364.36	8,012
	2,442.57	£35,865	1,573.86	£27,593

(See bottom of previous page for Canadian production)

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NEWS OF THE INDUSTRY



Birthdays. Our birthday list this month contains the following names: M. Williams Bray, Secretary of the Mohawk Asbestos Slate Co., Inc., Utica, N. Y., whose birthday date is September 25th; W. H. Wampole, Vice President, Staybestos Manufacturing Company, Philadelphia, September 25th; M. J. O'Malley, President, Standard Asbestos Mfg. Company, Chicago, Ill., September 26th; and A. W. Koehler, Sr., President, Asbestos Textile Company, New York City.

The Asbestos Corporation of Vermont, operating in a mild way on its property on Belvidere Mountain, Vermont, has been closed out by the bondholders thereof, and the Vermont Asbestos Company has succeeded to the business and property. T. E. Byrnes of Boston, is the President of the new Company, and he states that in the course of six weeks or two months, they will have their new crusher installed in the mill, and they will be crushing from 200 to 300 tons of rock per month, while next year they expect to crush 1,000 tons per month and be an active unit in the production of chrysotile Asbestos fibres.

Johns-Manville Corporation will increase its capital stock from 750,000 to 1,000,000 no par shares.

The capital stock of the company formerly consisted of $7,500,000 of 7 per cent cumulative preferred, par $100 and 750,000 shares of no par common with a stated value of $20 a share, or $15,000,000. Payments on the common have been made at the rate of $3 a share a year since April 15, 1927.

M. T. Rhodes, on August 1st, resigned as Treasurer and Sales Manager of the Linear Packing Company, Philadelphia.

Mysore Asbestos Mines. It is reported that a Company of this name has been

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RHODESIAN WHITE ASBESTOS

THE PRODUCT OF
NIL DESPERANDUM MINE
Shabani

TRANSVAAL WHITE ASBESTOS

SUPERFINE QUALITY
THE PRODUCT OF
THE AMIANTHUS MINE
Kaapsche Hoop

SOUTH AFRICAN BLUE ASBESTOS

THE PRODUCT OF
DOMINION BLUE ASBESTOS MINES (*Prop'y*)
LIMITED
Kuruman
(Formerly owned by Gillanders & Campbell)

Asbestos Fibres produced at the above named properties are offered for sale by:

THE ASBESTOS & ELECTRICAL FITTINGS CO. LTD.

4 LLOYD'S AVENUE
LONDON, E. C. 3. ENGLAND

TELEGRAPHIC ADDRESS: "VULBESTON"

CODES USED: BENTLEY'S; A. B. C. 5TH EDITION; WESTERN UNION; UNIVERSAL EDITION

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registered in Mysore during the month of May last. The capital is Rs. 1,000,000, and the registered office is at 58 Forebest Street, Fort, Bombay, India.

A. G. Pryce Williams has recently been appointed Consulting Mining Engineer to Asbestos & General Trust Limited, which company has acquired four Asbestos mines in the Mashaba district, known as the "Sapientia and its extensions."

Princess Asbestos Mine is a new Rhodesian asbestos property consisting of three and a half base metal blocks situated on the main strike of asbestos in the Mashaba district between the Gath and Balmain asbestos mines, Southern Rhodesia.

A large amount of development work has been carried out on the Princess Mine, exposing massive serpentine with plentiful and high grade fibre, both in length ad tensile strength. R. H. Goddard of Fort Victoria, as well as Harold Broderick of Johannesburg, has issued valuable reports on the prospects of this property.

The serpentine is said to be soft and lends itself readily to cheap and inexpensive mining. The fibre is said to be suitable for high class spinning.

Garlock Packing Company on July 23rd, elected the following officers: President and General Manager (succeeding F. W. Griffiths, deceased) G. L. Abbott; Vice President and Secretary, W. K. Angevine; Treasurer, H. W. Griffith.

Mr. Abott, before his election as President, was Vice President and General Manager. Mr. Angevine formerly held the office of Secretary only.

H. W. Griffith, son of the late President, has been acting as Assistant Production Manager of the Garlock plant for some years.

The officers mentioned also constitute the Board of Directors.

Asbestos and General Trust. It is reported that the directors of the Anglo-Bolivian Rubber Company, Ltd., having apparently decided that there is no money to be made in rubber in Bolivia, have invited their shareholders to wind up and reconstruct the company as an asbestos mining concern under the name of the Asbestos and General Trust. The property to be taken over is in Southern Rhodesia.

Rhodesian and General Asbestos Corporation. The accounts of the Rhodesian and General Asbestos Corporation for the year ending March 31st, 1928, show a profit of £268,925. This compares with £291,861 for the previous year and £246,304 for 1925-26. The net profits, after meeting all charges and taxation and providing £33,672 (against £20,662) for depreciation, amounted to £195,244, compared with £244,859. A final dividend of 10% is proposed, making 25 per cent, less tax, as against 20 per cent for the previous year. The directors' and managing director's percentage of profits absorbs £3,379, leaving a carry forward of about £34,092, compared with £99,153 brought in.

Northern Rhodesia. The mining and engineering journals of

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Asbestos Corporation
Limited

The Largest Producers of Raw Asbestos in the World

CRUDES	MILL BOARD STOCKS
SPINNING FIBRES	CEMENT STOCKS
SHINGLE STOCKS	SHORTS
PAPER STOCKS	FLOATS

Owning and Operating

— Mines —

Kings Mines	Thetford-Vimy Mines
Beaver Mines	Consolidated Mines
B. C. Mines	Federal Mines
Fraser Mines	Maple Leaf Mines

Asbestos Mines, East Broughton
Asbestos Fibre Mines, Black Lake
Black Lake Asbestos & Chrome Mines

HEAD OFFICE

Canada Cement Building

Phillips Square - Montreal

Address all Correspondence to

GENERAL OFFICES

THETFORD MINES

Quebec, Canada

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Africa contain mention of what is termed an important discovery of asbestos in Northern Rhodesia, at a point roughly half way between Kariba Gorge on the middle Zambesi and Kafue Station. The fibre bearing rocks have been opened up in the vicinity of th Musaia River and extensive blocks of ground pegged out.

In view of the great development going on in the asbestos fields of Southern Rhodesia, this discovery in the North is creating much interest. The area in which the deposit is found lies outside the ground held by the large concession companies, and work is being carried out by a local syndicate. "Darg" Fraser of Kafue, a well known Northern Rhodesian prospector, and Mr. Batt, are said to be the finders and principal owners of this new strike.

The fibre is said to be of remarkable length, having the general appearance of "slip" fibre.

African Asbestos Trust, mention of which was made on page 44 of July "ASBESTOS," has as its Directors James Neilson, James Chapman, Chairman and Managing Director of Fraser-Chalmers (S. A.) Ltd., C. E. Hertog, Solicitor, Kimberley, and H. J. ap-Owen Bowen of Johannesburg. The London Committee consists of E. C. Reynolds, late General Manager of the National Bank, and A. O. Cautley, Mining Engineer. The registered offices are at Delmore House, Johannesburg and Adelaide House, London.

The property is rather fully described in the July 7th issue of the South African Mining & Engineering Journal.

Dominions Blue Asbestos Corporation, Kuruman, is erecting a mill to treat the fibre collected from the neighboring workings.

"The Asbestos Industry of Southern Rhodesia" is the title of an article which appears serially in South African Mining & Engineering Journal. Since the asbestos boom in Africa South African journals and newspapers are giving reams of space to asbestos. "The Economics of Asbestos" appears in the July 14th issue of the Journal.

Premier Asbestos Mines of South Africa, Ltd. The prospectus of this Company has been published in numerous South African newspapers and journals, but the latest news we have concerning it is that the prospectus has been withdrawn by the promoters and the proposition will re-appear in altered form.

Norristown Magnesia & Asbestos Company, announces the appointment effective September 1st, of John M. High as Sales Manager. Mr. High assumes the office of Sales Manager in addition to his former office as Secretary.

Norristown Magnesia & Asbestos Company are planning to begin the operation of their No. 2 paper machine early this month. This machine, which has been installed very recently, was necessary because of increased business. For the present

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AT 45TH STREET

New York : : N. Y.

CANADIAN

CRUDES — FIBRES — CEMENTS

Highest Quality

The Expert Examination of Asbestos Properties

High-Grade Asbestos Textiles

CARDED FIBRES
YARNS. CORD, MANTLE YARNS
PLAIN AND METALLIC CLOTHS
BRAIDED AND WOVEN TAPES
BRAIDED TUBINGS
WOVEN SHEET PACKINGS
WOVEN BRAKE LININGS
GLOVES, MITTENS, LEGGINS
GASKETS, SEAMLESS AND JOINTED
PACKINGS, STEM AND HIGH PRESSURE
WICK AND ROPE

ASBESTOS FIBRE SPINNING COMPANY

NORTH WALES, — PENNA.

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much of the tonnage of this machine will be devoted to special paper.

The Textile World for September 1st contains an article on "Interesting Uses for Asbestos," with illustrations of asbestos suits and insulation mattresses.

Richard V. Mattison, M. D., President of the Keasbey & Mattison Company and affiliated organizations, will return from Newport about September 15th, where he has been spending the summer at his Newport estate, "Bushy Park."

Keasbey & Mattison Company. A General Conference of Branch and Sales Managers of the Keasbey & Mattison Company will be held in Ambler on Tuesday, September 25th.

PATENTS

Plied Sheet and Method of Producing Same. No. 1,672,988. Granted on June 19th to Izador J. Novak, Bridgeport, Conn. Assignor to Raybestos Company, Bridgeport, Conn. Filed April 12, 1922. Serial No. 552,022. Renewed Dec. 22, 1927.

Oil Tank Insulation. No. 1, 675,354. Granted on July 3rd, to Ray T. Kemper of Los Angeles, Calif., assignor to Johns-Manville Corporation of New York City. Filed March 6, 1925. Serial No. 13,497.

Packing Material and Gasket Made Therefrom. No. 1,676,432. Granted on July 10th to Francis L. Dieterich, Newark, N. J. Filed April 10, 1925 . Serial No. 22,112. Composed of flat laminated, adherent sheets of vulcanized fibre arranged on opposite sides of a medially disposed sheet of granulated cork.

Brake Lining. No. 1,677,842. Granted on July 17th to Izador J. Novak, Bridgeport, Conn., assignor to Raybestos Company, Bridgeport, Conn. Filed May 10, 1923. Serial No. 638,126. Renewed January 14, 1928. Frictional elements consisting of Asbestos Fibre having incorporated therein a solid residue obtained from the heat treatment of a mixture of water, gas, tar and oil.

Tropische & Ueberseeische Rohprodukten A. G.
Alsterdamm 7
HAMBURG GERMANY
IMPORTERS & MERCHANTS OF
ASBESTOS CRUDES AND FIBRES

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THIS AND THAT

Several of our readers, on vacation tours in the vicinity of Philadelphia, have stopped in to see us. We are always glad to see anyone connected with the Asbestos Industry, and hope our readers will remember to call at 1701 Winter Street when they are in the City of Brotherly Love.

When "Lilactime" (movie) comes to your town, we urge you to see it, as Colleen Moore, who takes the principal part is the daughter of a man interested in Asbestos—C. R. Morrison of Los Angeles.

A block of claims in Rhodesia consists of 30 claims, each measuring 2,700,000 square feet.

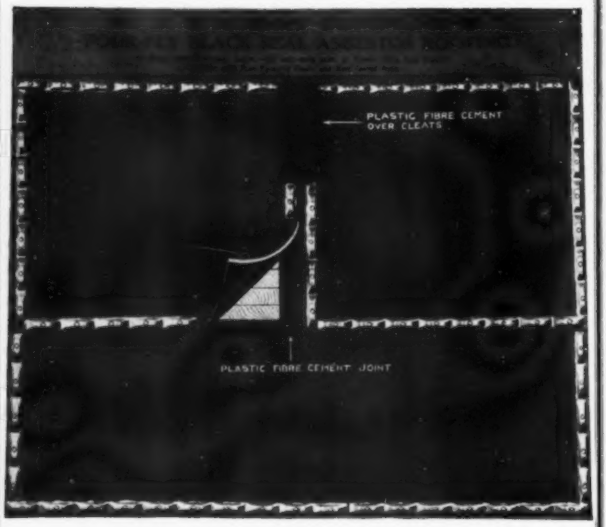
The National Automobile Chamber of Commerce has announced a contest for the owners of old automobiles, the winning machine to be on view at the New York Automobile Show in January. Only cars built prior to 1900 are likely to win.

Fire Prevention Week—October 7 to 13. A good time to push all kinds of Asbestos Fire Prevention and Fire Resisting Materials.

It is the caddy these days who carries a great deal of the white man's burden.

Readers should investigate thoroly any offerings of investment in new asbestos deposits in Canada. For that matter investment should not be made in any asbestos project until full details are known, this especially at the present time when so many flotations are being made and enthusiasm tends to cloud the judgment of the promoters.

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CLASS "A" ROOFING

Four (4) Ply Black Seal Asbestos Roofing for use on Wood Decks with inclines of 3 in. fall to the foot or more. Ideal type of Roofing for saw-tooth construction. Used in connection with all types of Built-up Roofings of either Asbestos Felts Asphalt Felts or Tarred Felts.

H. F. WATSON COMPANY

Manufacturers

CHICAGO BRANCH
5333 S. Western Ave.

Erie, Pa.

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Steam Pipe and Boiler Insulation and Locomotive Lagging



The Lightest Weight Steam Pipe and Boiler Insulation Made

That is Structurally Strong and Permanently Effective

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