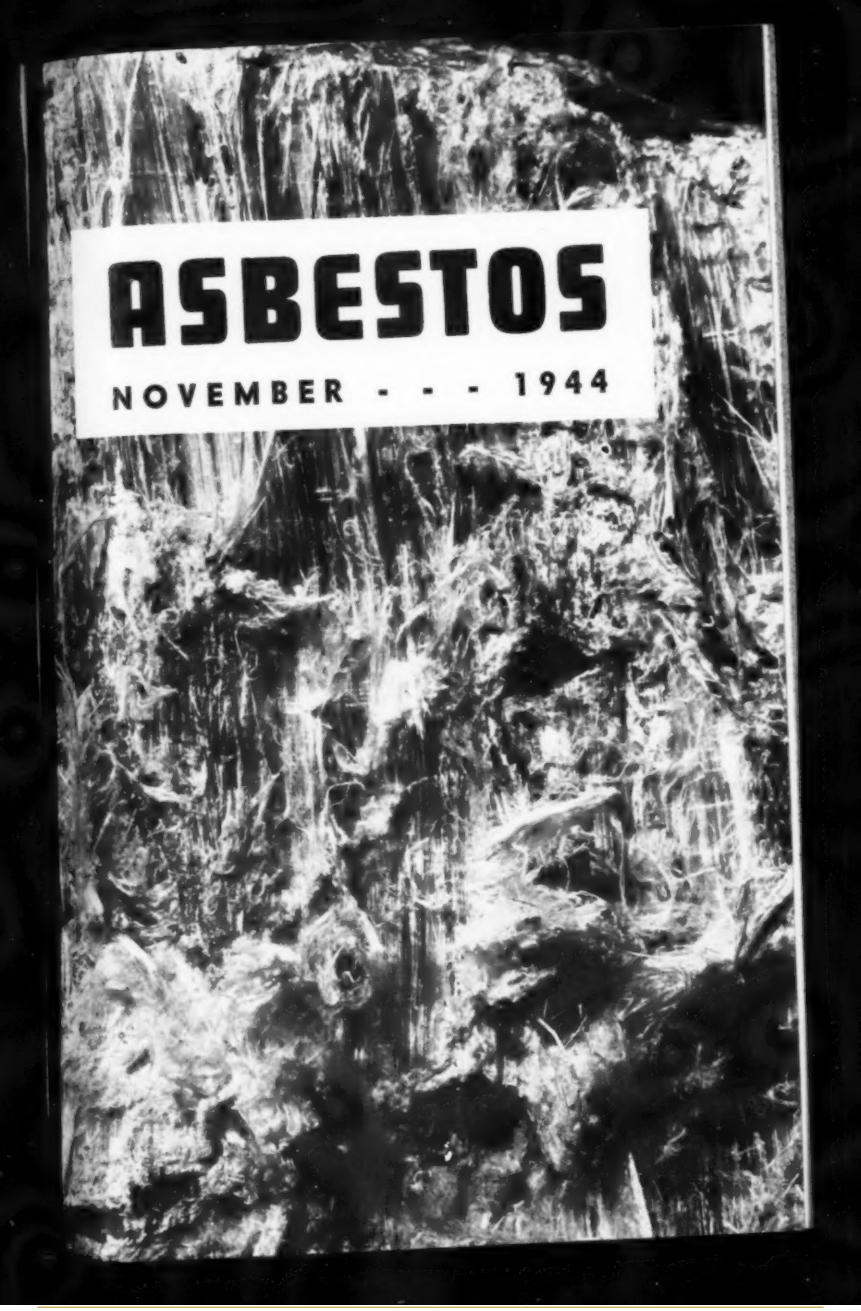


Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/1

ASBESTOS RM TEXTILES

VALUE OF EXPERIENCE

AT THE OUTBREAK OF WAR, **RAYBESTOS-MANHATTAN, INC.**, PLACED AVAILABLE FOR WAR PRODUCTION THE FULL FACILITIES OF ITS PLANTS, THE ENTIRE TALENT OF ITS SKILLED TECHNICIANS AND A LONG EXPERIENCE IN SPECIFIC PRODUCT RESEARCH AND MANUFACTURING. ARMY-NAVY "E" FLAGS, WITH ONE OR MORE STARS, FLYING OVER THE VARIOUS **RAYBESTOS-MANHATTAN** PLANTS TODAY ATTEST TO THE EFFECTIVENESS OF ITS WAR PRODUCTION. IN YEARS TO COME, THIS SAME EQUIPMENT, TALENT AND EXPERIENCE WILL ENABLE THE DRIVING PUBLIC, MINES, MILLS, FACTORIES AND FARMERS TO OBTAIN THE BEST IN ASBESTOS, MADE BY THE MOST ADVANCED FACILITIES FOR THE BENEFIT OF USERS.

RAYBESTOS-MANHATTAN, INC.
INDUSTRIAL SALES DIVISION
FACTORIES
BRIDGEPORT, CONN. NO. CHARLESTON, S. C.
MANHEIM, PA. PASSAIC, N. J.

"ASBESTOS"

POUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE
BY SECRETARIAL SERVICE
17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

Estate of C. J. STOVER, *Proprietor*
A. S. ROSSITER, *Editor*

Entered As Second Class Matter November 23, 1923, at the Post Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume 26 NOVEMBER 1944 Number 5

CONTENTS

	Page
Advertise the 6th War Loan — Editorial	2
Asbestos Mining Methods (Part III)	3
Inconel — A New J-M Packing	14
Ovens Use Asbestos-Cement Sheet	16
Market Conditions	18
A. S. T. M. Textile Standards	25
Contractors and Distributors Page	
Construction Bureau	26
Building	26
Area Table — 1500 lb. Flanges	27
Production Statistics (Canada and Union of South Africa)	28
NEWS OF THE INDUSTRY	29
Publications Available	36
Patents	36
Current Range of Price	38
Asbestos Stock Quotations	38
This and That	39

SUBSCRIPTION PRICE

UNITED STATES	$2.00 PER YEAR
CANADA	3.00 " "
FOREIGN COUNTRIES	3.00 " "
SINGLE COPIES	.25 EACH

(Payable in U. S. Funds)

Copyright 1944, Maud M. Stover, Executrix, Estate of C. J. Stover

Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 3 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/3

ADVERTISE THE 6th WAR LOAN

Perhaps the 6th War Loan will be launched before this issue of "ASBESTOS" reaches our readers or it may not be started until December, but whenever it begins all of us should commence planning right now for the purchase of *extra* bonds in this Sixth Drive.

Reports received from some of the larger asbestos firms, via their house organs or news releases, indicate that most asbestos workmen, including office employees, are doing their full share in saving from weekly or monthly payrolls for the regular purchase of war bonds.

Now is the time to stress to your employees not only the importance of this Sixth War Loan Drive, but the opportunity afforded for investment.

Despite much wishful thinking it is doubtful whether the war in Europe will be over before the New Year—which means that it is still costly. The fighting with Japan is grim and costly and will become even more so before it is fought thru, in fact it is only just beginning the all out stage. Post-war costs will be heavy too.

Therefore urge your employees to keep their Christmas spending within wartime bounds and use the balance of the money they have set aside for Christmas spending either to buy bonds for their own investment, or as Christmas presents for the family.

Support the Sixth War Loan by Buying Bonds.



BUY
AN EXTRA
$100
BOND
TODAY



Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 4 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/4

ASBESTOS MINING METHODS

(Third and last part of the article by C. V. Smith, which began in September "ASBESTOS")

As a general statement all open pit operations, where the orebody continues to depth, ultimately reach the point where apexing walls and steep slopes render further development by this method too dangerous. The nature of an asbestos orebody broken up by faults, cracks and slippery faces makes it necessary to guard against frequent falls and slides.

In the mining of asbestos, wood may not be used because wood particles cause much damage in manufacturing plants. This rules out such methods as top slicing and square settings.

In the early days of the King Mine *glory holes* were recommended but not adopted because they would be dangerous to work and would freeze up in the Canadian winter.

Shrinkage stopes were used successfully at the Beaver Mine (of Asbestos Corporation Ltd.) and at the King Mine, but this system leaves pillars which are practically impossible to wholly recover and where the ore is valuable considerable loss is incurred.

Early in 1930 a pamphlet written by F. W. Maclennan, General Manager of the Miami Copper Company, was published and was carefully studied, in conjunction with other existing data on Block Caving, by the mining staffs of Thetford Mines. It described in detail the mining of copper by this method, by which low costs had been achieved. The system requires a large orebody and one that will cave. The question was—how effectively would the Thetford orebodies cave? Because of their much fractured nature it was thought they would cave satisfactorily in most cases.

The King Mine of Asbestos Corporation Ltd. was the first to adopt Block Caving. They installed this system and commenced drawing in July 1933. Much credit is due them for pioneering the application of Block Caving in the mining of asbestos where special technique in back

Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 5 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/5

filling had to be developed and which is so different from the porphyries where it had been used.

The Asbestos Corporation Ltd. was so successful in drawing asbestos ore by the Block Caving Method that Johnson's Company were next to follow, and drawing of their ore commenced in November 1940. The Bell Asbestos Mines are in a more favorable position but are going thru the transitory stage and at the time this article is being written (1944) are preparing for underground mining.

The Canadian Johns-Manville Company, largest of the open pit mines, is making preparations for underground mining by Block Caving on a scale to equal their present open pit capacity.

BLOCK CAVING

This method of mining asbestos is attractive because it has several important advantages:

It permits deep mining.

It permits maximum recovery of orebody.

It permits selection and mixing of ores.

It affords low costs for large scale operations.

It is practically free from interruption under winter conditions.

Thus far this method has been used as a final stage of development. The mines now using it have developed from small beginnings using the cheapest known method and gradually enlarging until a maximum economic depth was reached. Block Caving principles and practices were already well developed, largely by the copper industries, before being tried by the asbestos producers, and its application to asbestos mining was therefore less difficult.

There is no reason why Block Caving could not be used for original development if an orebody of sufficient extent were known. The inclination is to strip and use open pit methods which may be cheaper. There exists a fear that fibres would be discolored if overburden is not removed. But if overburden is heavy (exceeding 35 to 40 feet) the cost of removal is great and becomes a burden on operations. If surface drainage is thoroly diverted so the area being mined receives only its own natural precipitation it is quite possible that the cost of stripping

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 6 of 45 asbestosclaims.law/library/12349/6

Carey HEAT INSULATIONS



Careycel—For temperatures up to 300° F.

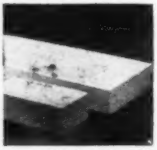
ASBESTOS · MAGNESIA

The CAREY Line includes high efficiency insulating materials of Asbestos and Magnesia for every known service condition—for temperatures ranging from

SUB-ZERO to 2500° F.



85% Magnesia—For High & Med. Pressure.



Hi-Temp Blocks—For Furnaces, Ovens, Kilns, etc.



Combination Hi-Temp.—85% Magnesia.



Hair Felt Insulation For sub-zero.

In addition to the insulations shown, Carey makes other Asbestos Specialties—as Plastic and Dry Refractory Cements, Asbestos Paper, Asbestos Millboard, Asbestos Packings, Asbestos Cements, Flat and Corrugated Sheathing, Careystone Asbestos-Cement Shingles and Siding, Asbestos Fibre.

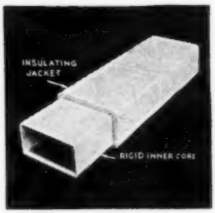
Wholesalers and Applicators of Insulation Materials — write for details and prices.

CAREYDUCT—

the all-asbestos duct for conveying conditioned air. Combines duct and insulation. Fireproof, sound-deadening, permanent, economical, quickly erected.

INSULATED AND ACOUSTICAL TYPE—

Made of Asbestos Fibre—combines both duct and insulation. Simple slip-joint construction and standardized parts provide easy and rapid fitting on job.



THE PHILIP CAREY MFG. COMPANY • Lockland, Cincinnati, Ohio
Dependable Products Since 1873
IN CANADA: THE PHILIP CAREY COMPANY LTD., Office and Factory: LENNOXVILLE, P. Q.

Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 7 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/7

could be omitted and this sum applied to the cost of preparations for underground mining by Block Caving.

To date practically all operating mines have been found by outcrops or surface exposures. There may still be such exposures in areas not yet explored.

There may still be orebodies within the serpentinized asbestos belts as good as the mines now operating. If so, and they are not exposed, they can be found only by drilling or other underground exploration.

It will become gradually necessary to develop methods which will permit mining of areas now considered marginal or sub-marginal. There are many known cases of this nature, and some of large extent. The present and probably increasing demand for shingle grades with possible improvement in milling practice may bring them into production.

Typical Application of Block Caving to Asbestos Mining. The orebody is divided into blocks of such size that they will cave. Thus far this size is about 160 feet square but modified by circumstances. Height of block is about 300 feet but may go to 500 feet.

A shaft is sunk beyond any possible reach of disturbances from underground mining. Stations, loading pockets and drainage sumps are cut and two drifts are driven to and below the blocks to be mined. The lower or haulage drift is for transporting ore. The upper or grizzly drift (about 54 feet higher) is for transporting men and materials. These are extended under the blocks where there are two grizzly drifts for each haulage drift. Raises are driven, one from each side of haulage drifts up to the grizzly drifts (so called because the top of each is protected by a grizzly with about 16 inch openings.) From these grizzlies double branches are again put up. These when enlarged form the draw points and reach to the undercut. Grizzly drifts are completely timbered with steel sets of 6 inch H beams and thoroly concreted. Openings are left at the draw points.

Raises at block corners, and known as corner raises, are driven from the nearest draw point. As these raises advance fringe drifts at 30 to 40 foot vertical intervals are

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 8 of 45 asbestosclaims.law/library/12349/8

ASBESTOS

in the all-out drive for Victory

In every important war industry and in the production of almost every vital unit of military or naval equipment one or more of Johns-Manville's 1200 products is being used. Twenty-four hours a day, seven days a week they are pouring forth from the J-M factories . . . helping to hasten the ultimate victory that will assure the continuation of the free way of life that has made America great.

Johns-Manville owns and operates Asbestos Mines in Arizona and Canada, fifteen factories located strategically across the continent, sales offices in all large cities and a large, scientifically equipped research laboratory in which J-M Engineers and Scientists are constantly developing new uses for this remarkable mineral, Asbestos.

For complete information on J-M Asbestos Products or raw asbestos in a wide range of grades and fiber lengths, write to any J-M office or distributor.

JOHNS-MANVILLE

EXECUTIVE OFFICES: NEW YORK

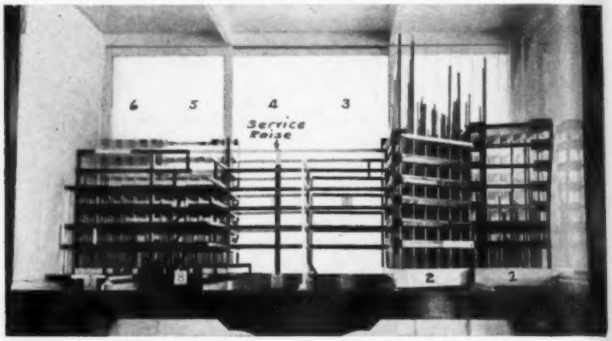
JOHNS-MANVILLE JM PRODUCTS

Branches in All Large Cities

Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 9 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/9

driven around the block. These provide a plane of weakness on block lines and are sliced at floor and back in strong ground to further weaken the block line.

When haulage raises and loading chutes, grizzly drifts, grizzly and finger raises are fully developed the undercut is made. This is a series of drifts 7 x 7 on 20 foot centers parallel to grizzly drifts and 20 feet above grizzly floor. Thirteen foot pillars remain. The sides and roof of the 7 x 7 drifts are drilled, draw points fully enlarged to provide for expansion and when all is ready the drill holes are loaded and blasted either entirely or by sections. This may require as much as 20 tons of dynamite. Blasting the undercut leaves the whole block unsupported. It is the strain of this unsupported load which causes caving.



Model of Block Caving—Johnson's Company. Blocks 1, 2, 5 and 6 are being drawn. Glass tubes filled with brick dust indicate original height of ore at each draw point. As ore is drawn the brick dust is drawn off. Drawing in No. 1 is nearly finished; No. 2 has just been started; blocks 5 and 6 are roughly half drawn.

Horizontal and vertical black lines represent completed fringe drifts and raises. White lines show proposed work. A cage in the service raise gives easy access to all levels.

This blasted rock fills all the draw points and overflows into the grizzly drifts and haulage chutes. It is drawn off leaving vacancies where the roof is unsupported.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 10 of 45 **asbestosclaims.law/library/12349/10**



Asbestos Magazine, 1944, November 1944
ACL Doc 12349 · Page 11 of 45
Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/11

By natural caving the roof falls by successive spawling or by settlement of block thru the line of fringe drifts. At grizzlies boulders too large to pass are blasted.

As the block settles backfill from mill tailings is placed from surface to support the exposed walls of adjoining blocks and contiguous surface areas.

Backfill is not needed to cause caving. It is used to avoid disturbance of adjoining properties or permanent surface structures, to prevent freezing in the underground and to support walls of undeveloped blocks. Backfilling on top of clean ore is to be avoided if possible.

In drawing ore considerable care should be exercised to draw uniformly thruout the block. Where hard spots exist these must be drilled and blasted so the block may not be held up at that point. The aim is to cause uniform settlement of the block and, likewise, uniform settlement of the backfill. If sections of the block are overdrawn the backfill of tailings or sand may work down and be drawn with the ore causing dilution. If dilution is excessive operations become unprofitable and ore will have to be left which might have been drawn but for dilution.

Thus dilution and possible loss of ore are an unfavorable factor of Block Caving and must be carefully controlled.

If there is overburden there is always some dilution and consequent loss of ore.

Full details of Block Caving and as applied to asbestos mining can be had by reference to the following published articles:

F. W. Maclennan, Tech. Pub. No. 314, A. I. M. & M.

Block Caving at the King Mine of Asbestos Corporation Ltd., Can. I. M. & M., April 1934.

Notes on Block Caving at the King Mine of Asbestos Corporation Ltd., Can. I. M. & M., November 1935.

King Mine No. 3 Shaft and Equipment, Asbestos Corporation Ltd., Can. I. M. & M., March 1939.

Caving at Johnson's Asbestos Mine, Can. I. M. & M., September 1941.

The writer wishes to acknowledge the cooperation of officials of the companies herein mentioned for permitting reference to their operations.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 12 of 45 asbestosclaims.law/library/12349/12



Manufacturers of a complete line

ASBESTOS-CEMENT SHINGLES	ASBESTOS-CEMENT SIDING
ASBESTOS-CEMENT WALLBOARDS	ASBESTOS MARINE INSULATIONS
ASBESTOS ELECTRICAL MATERIALS	ASBESTOS-CEMENT PIPE
ASBESTOS AND MAGNESIA PIPE AND BLOCK INSULATION	ASBESTOS PAPER & MILLBOARD
	ASBESTOS TEXTILES
ASBESTOS PACKINGS	ASBESTOS LUMBER
ASBESTOS CORRUGATED	ASBESTOS ACOUSTICAL MATERIAL

Today, all of these K&M products are playing an important role in the War Program; contributing in many different ways to its ultimate success. For the duration, the Nation will continue to have first call on all K&M plants and employees.

Nature made asbestos. Keasbey & Mattison has made it serve mankind . . . since 1873.

KEASBEY & MATTISON COMPANY, AMBLER, PENNA.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 13 of 45 **asbestosclaims.law/library/12349/13**

Briefly the process is as follows:

With open pit mining it is sometimes possible to avoid removal of barren areas but, generally speaking, the whole orebody is mined. It is therefore necessary to make a rough separation of ore and barren rock in the pit. Barren rock goes to the dump and ore to the crushers. In the earlier days of manual labor rock was blasted to man-size pieces and a good separation of crude, mill ore and barren rock could be made. With the larger tonnage now required to meet the demand mechanical handling is necessary. For a long time this was thought impractical because it did not permit full recovery of valuable crude fibre.

Crushers with openings as small as 15 inches by 30 inches were used for the man-size rock. As production increased the crushers changed to 24 x 36 or 36 x 42 and now 48 x 60 is a common size. Such a machine weighs about 200,000 pounds.

After primary and secondary crushing to 3 inches and less, barren rock is partially removed, the ore is dried and goes to a large dry rock storage. This storage serves as a balance wheel and surge and blending bin between mining and milling. The mills further reduce the rock by successive crushing. Fibre is separated by aspiration, graded according to length, bagged in 100 to 125 pound bags and stored for shipment.

• • • —

Reprints of the article on "Asbestos Mining Methods" will be available about January 15th, at a price of 25c each, with a discount on quantity orders.



TEST

. . . the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER and SIDING CONTRACTOR
425 Fourth Avenue, New York City

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 14 of 45 asbestosclaims.law/library/12349/14

UNION ASBESTOS
MEANS PROGRESS IN INSULATION
AND RUBBER CO.

INSULATION
FOR MARINE, RAILROAD,
AVIATION AND INDUSTRIAL USE

☆



TWO ARMY-NAVY "E" AWARDS FOR EXCELLENCE IN WAR PRODUCTION
ONE TO THE CICERO, ILLINOIS PLANT; ONE TO THE PATERSON, N. J. PLANT

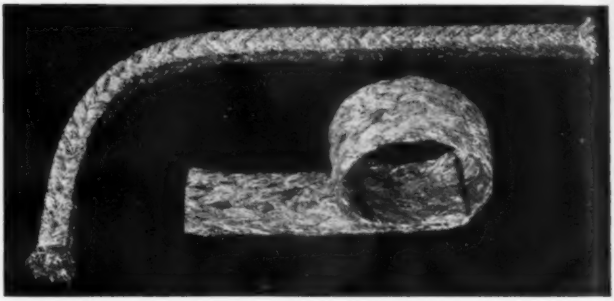
UNION ASBESTOS & RUBBER COMPANY

Offices: CHICAGO, NEW YORK, SAN FRANCISCO • Plants: CICERO, ILL., BLUE ISLAND, ILL., PATERSON, N. J.

INCONEL--A New J-M Packing

A new type of flexible metallic packing capable of withstanding temperatures up to 2000° F., and highly resistant to corrosive gases, alkalies, and most acids, has recently been announced by Johns-Manville. Known as Inconel, and of a construction and toughness adapted to many industrial uses, this new packing owes its existence to the need for a material which would stand up under the exacting and destructive conditions existing in the exhaust systems of airplane engines equipped with turbo-superchargers.

In this service, flexible connections are necessary to absorb vibration between stationary and moving parts of the exhaust system. At the same time, these connections must prevent leakage of the exhaust gases which, due to low atmospheric pressures at high altitudes, have a greater tendency to seepage with the possibility of injuring equipment or contaminating the cabin air supply.



No existing material was adequate to meet these unusual conditions until J-M engineers produced Inconel Packing. Made of a nickel-chromium iron alloy in wire form, which is first knitted into mesh and then braided, the finished product has proved ideally suited to the service for which it was intended. In addition to its high corrosion and temperature resistance, the new packing is strong, resilient and both non-scaling and non-magnetic.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 16 of 45 asbestosclaims.law/library/12349/16

Plant Precision Molded 85% Magnesia is molded to exact final size and thickness. All its surfaces are smooth; and the ability of purposely-broken small pieces to hold together makes for neater jobs and less "clean-up" after installation. WRITE TODAY for complete descriptive data.



PLANT RUBBER & ASBESTOS WORKS

Manufacturers of Plant Insulating Materials and Mechanical Packings Since 1920.

MAIN OFFICE: SAN FRANCISCO

Sales Offices in Los Angeles, Wilmington, and Oakland, Calif.; distributors in principal cities.

Factories in Emeryville, San Francisco, and Redwood City, Calif.

PLANT
PRECISION
MOLDED
REG. U. S. PAT. OFF.

85% MAGNESIA

"THE DEPENDABLE STANDARD—MODERNIZED"

U.S. Patent Nos. 2,131,374, 2,209,752, 2,209,753, 2,209,754

PLANT
REG. U.S. PAT. OFF.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 17 of 45 asbestosclaims.law/library/12349/17

It is available in a number of styles, including square section packing in coil and tape forms, from which ring type gaskets may be formed. One style is made with asbestos fibres interwoven with the metallic alloy and serving as a sealing agent.

It is expected that this new packing, created to fill a specific need in connection with the war program and now available for industrial use, will find a multitude of applications where exceptional heat resistance and the ability to withstand corrosion are important considerations.

OVENS USE ASBESTOS-CEMENT SHEET

Thousands of baking and roasting ovens manufactured by the G. S. Blodgett Company of Burlington, Vt., and used thruout the country in army camps, hospitals and industrial cafeterias, have an asbestos product in their construction. This is asbestos-cement in sheet form. The Blodgett firm is the leading manufacturer of this type of oven in the country, great numbers of them also being used by bakeries, hotels and restaurants all over the land.

The asbestos-cement sheets (3/8" thick) are used for shelves in the ovens and also for cooking tops of flat-top ranges. Temperatures in the ovens run as high as 600° F., which is within the limit temperature of this product.

The asbestos-cement sheet was used by the Blodgett Company prior to 1940, but at that time it was discontinued in favor of steel. When the war came along the steel plate shelf was dropped in order to conserve the steel.

An advantage of the abestos-cement shelf seems to result in more uniform bottom baking, and while of course it is not as strong as the steel plate shelf, Robert F. Patrick, manager of the Blodgett Company's oven department says that replacements are surprisingly low. When steel is again available the asbestos-cement sheet may be edged with a band of steel, improving both the strength and appearance.

• • • —

BUY WAR BONDS AND STAMPS

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 18 of 45 asbestosclaims.law/library/12349/18

ASBESTOS

ASBESTOS CORPORATION LIMITED

THETFORD MINES

QUEBEC CANADA

REPRESENTATIVES

GREAT BRITAIN: ..... W. A. JANITCH,
6 Maresfield Gardens, London, N. W. 3

U. S. A.:

BALTIMORE, MD.: ..... WALLACE & GALE CO.,
115 South Gay St.

CLEVELAND, OHIO: ..... WORLD'S PRODUCTS TRADING CO.,
Rockefeller Bldg.

CHICAGO, ILL.: ..... ALBERT E. STARKIE CO.,
5461 W. Division St., Chicago, Ill.,

NEW YORK, N. Y.: ..... WHITTAKER, CLARK & DANIELS, INC.,
260 West Broadway

SAN FRANCISCO, CAL.: ... L. H. BUTCHER CO.,
15th and Vermont Sts.

CANADA:

MONTREAL, QUE.: ..... ATLAS ASBESTOS CO., LTD.
110 McGill St.

TORONTO, ONT.: ..... CANADIAN ASBESTOS ONTARIO LTD.
14 Front St.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 19 of 45 asbestosclaims.law/library/12349/19

MARKET CONDITIONS

GENERAL BUSINESS

"For two years", says the National City letter for October, "something like two-thirds of industrial capacity and almost half of the total economic activity of the country have been devoted to war purposes. Now a major change is in prospect. It may come within a few weeks or not for several months, but it is already the first consideration in current business decisions."

At the time we write this there does not seem much prospect of total victory in Europe before next spring at the earliest, but even tho it does not come for six or more months, business is planning for post-European war as undoubtedly war production will be cut back 25, 30 or perhaps 40% when Germany is defeated.

When the cut does come, or even before, many businesses will turn to civilian production and the chief factors in business will then be merchandising ones—cost, selling price, demand, supply. For the last few years practically no attention has been required for selling—either the whole output of factories was taken by one buyer—the Government—or else the goods made were such that the retailers had difficulty in keeping enough materials on their shelves to supply the demand.

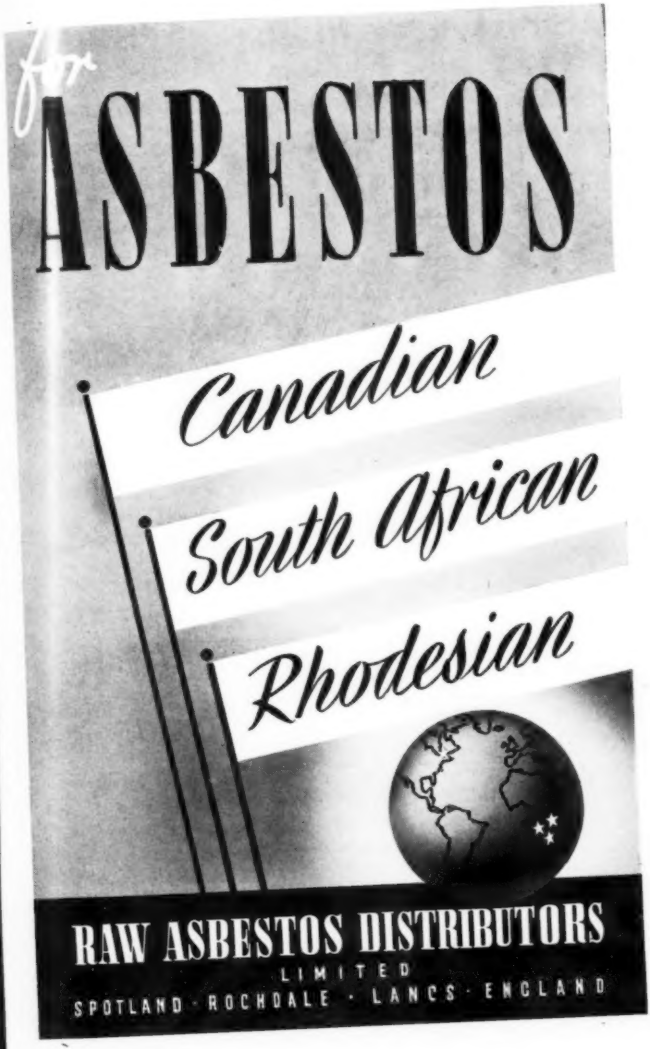
Advertising, even this early, is preparing the way for postwar selling—building up a demand now which will make selling easy when civilian products can again be offered. Turn to any national magazine and read over the advertisements—most of them tell of products which will be available after the war. Advertising indeed is one of the cushions to lessen the shock of conversion from war production to peacetime merchandising.

ASBESTOS - RAW MATERIAL

No important change in this market. Grades of all kinds are now reaching the American market to take care of our immediate needs. Prices are firm but there will be no change for the balance of the year.

As to the future—there are now eleven or twelve as-

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 20 of 45 asbestosclaims.law/library/12349/20


for
ASBESTOS
Canadian
South African
Rhodesian
RAW ASBESTOS DISTRIBUTORS
LIMITED
SPOTLAND · ROCHDALE · LANCS · ENGLAND



INCIDE A

Nothing can stop brave men and stout ships from b th

Thanks to the United Navies' valor and skill, fewer and fewer cargo vessels fall victim to skulking wolves of the sea. But when an enemy torpedo strikes—to pause, even for a moment, may place in further jeopardy other human lives and precious cargoes—cargoes of basic materials, like raw Asbestos, so vitally necessary for National Defense.

From Africa, Russia, Australia—laden ships converge on American ports. Heedless of danger and death — obedient

ASBESTOS IT

8 WEST 40th STREET, NEW YORK, N. Y. . . JOHANNESB OUT

EVERY TYPE OF RAW ASBESTOS CARRIED IN STOCK: ARIZONA • AUSTRALIAN • BOLIVIAN • CAN CHIN

Manufacturers of *Asbestos Cement Board and Cyprus Asbestos Siding* . . . Creators a

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/22



E AT SEA

om b g the *RAW ASBESTOS vital to Industry and Victory*

to duty — they fight through to discharge their cargoes. America's defense and American industry continue to be served by this invaluable mineral for many indispensable uses. For each industrial and defense need, there's a special Asbestos precisely suited to the job. And as long as men have brave hearts and stout vessels — America's Asbestos requirements will continue to be filled.

Any inquiries on raw Asbestos will be answered promptly.

OS ITED INC.

NESB OUTH AFRICA . . . WORKS: MILLINGTON, NEW JERSEY

• CAN CHINESE • CYPRUS • INDIAN • RHODESIAN • RUSSIAN • SOUTH AFRICAN BLUE AND YELLOW

ters and manufacturers of *New Era Insulation*, lightest rigid insulation for all temperatures

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/23

JOHNSON'S COMPANY

ESTABLISHED IN 1875

Head Office

Thetford Mines, P. Q., Canada

Mines

Thetford Mines, Quebec
Black Lake, Quebec

Producers of All Grades of

RAW ASBESTOS

AGENTS

GREAT BRITAIN	A. A. BRAZIER & CO. 203 Winchmore Hill Road London, N. 21, England
CHICAGO 4, ILL.	GRANT WILSON, INC. 141 West Jackson Boulevard
NEW YORK, N. Y.	CONNELL ASBESTOS MFG. CO. 165 Clymer Street Brooklyn, N. Y.
SAN FRANCISCO, CALIF.	LIPPINCOTT CO., INC. 461 Market Street

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/24

bestos cement manufacturing plants in South America where there were only three before the war. Europe normally consumes about 30,000 tons of Canadian asbestos per year. At the present time the demand for Canadian asbestos without the European market is sufficient to keep all the mines operating at full capacity, and they ship their complete output. After the war, when the South American plants are really operating at capacity, and the European demand comes in again, while the asbestos-cement products required in this country will probably be equal to the present production now curtailed on account of the labor shortage, there may easily be a definite shortage of asbestos fibre. This, of course refers to the shingle grades of fibre.

As to crudes and spinning, there may be a surplus after the war. Asbestos textile plants have so increased their capacity in the struggle to supply war requirements, that these plants may be able to operate at only 50% capacity after the war, unless new uses for asbestos textiles are developed—which seems likely as several new uses have been found during the war period.

ASBESTOS - MANUFACTURED GOODS

Asbestos Textiles. There is little or no change in the Asbestos Textile market over that of the previous month. The Navy demand is still high and it appears that it will continue to be so for months to come. In fact the combination fibrous glass and asbestos cloth has been a godsend in relieving the demand for lagging cloth used over pipe insulation by the Navy. Practically all of the major textile companies are now producing this cloth.

The demand for products made from textiles, such as facings and packings, is greater than the supply.

As everyone knows a large proportion of the textile capacity of the country has been and is going into implements of war, which naturally means a decline in demand after V-E day and when Japan is defeated, there will be a drastic cut to a figure far below the war-expanded capacity of the industry. Navy and Maritime requirements, however, will continue for some time after the war as ships will not only have to be completed, but most of them will

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 25 of 45 asbestosclaims.law/library/12349/25

need complete overhauling.

In this market especially it is necessary to find new uses, improve products, and seek publicity for both new products and old ones.

Brake Lining. The brake lining market is described as "increasing" with production level and prices steady.

Sales for September 1944 from all sources increased to a considerable extent over last September but the increase over the previous month was not as high. Domestic consumption sales were the highest on record when compared with the same month in the previous ten years. The same holds true when the first nine months of this year is compared with the similar period in the previous decade.

Export sales recorded increases not only over the same month in 1943 but also over the previous month.

Asbestos Paper and Millboard. The market for asbestos paper depends largely on dwelling construction and general industrial expansion. Under present conditions demand can be described as good. "The future market" says one reader, "should be somewhat more active than pre-war business as air conditioning and warm air furnaces have grown in popularity. New uses for asbestos paper developed during the past several years should also provide new markets not heretofore open to the Industry."

The market for asbestos millboard in post-war time will depend largely on industrial and residential construction. Millboard has been used in several new products which should continue and very likely increase after the war is over.

Insulation. Low Pressure. Requirements in this market are light at present. Some of the manufactuers believe that the low pressure market will be active after war needs are over because of residential and apartment house building which may exceed any previous record, in fact this opinion seems to be general thruout the Industry.

Insulation. High Pressure. The demand for high pressure insulation is being maintained at an even keel. There appears to be a growing market for High Pressure Insulation in the maintenance field in industry and this should continue during the winter months, coupled with the

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 26 of 45 asbestosclaims.law/library/12349/26

continuing demand for the materials in the shipbuilding industry.

One manufacturer reports a backlog of approximately five months for pipe covering, altho block and cement demand is light. Undoubtedly the requirements will continue heavy so long as the war continues in any area. When victory arrives there will no doubt be a heavy drop and later the pick-up will depend upon the extent of reconversion and industrial expansion.

Asbestos-Cement Products. No change in the situation in this market during the past month. Orders continue to run far in excess of production and it does not look as tho there would be any seasonal letdown with production limited by the amount of labor available.

Construction generally is being held up by the lumber shortage and this has somewhat slowed wallboard sales.

Postwar prospects are good; the reroofing and maintenance market should be steady and new non-industrial fields will undoubtedly use corrugated and flat asbestos-cement sheets in large quantities.

Asbestos cement pipes are affected by wartime controls; after those are removed the market will depend upon general economic conditions.

These various comments are compiled from information received from various executives closely in touch with the respective fields. Comments from any of our readers are always welcome.

A. S. T. M. TEXTILE STANDARDS

The 1944 edition of the Standards on Textile Materials issued by the American Society for Testing Materials thru the work of its Committee D-13 on Textile Materials, includes the more than 75 standard specifications, tests and definitions developed by the Society and much other pertinent related information. The specifications cover asbestos, bast and leaf fibres, cotton, glass, rayon and silk, wool and others.

The book is available from A. S. T. M. Headquarters, 260 S. Broad St., Philadelphia 2, Pa., at $2.75.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 27 of 45 asbestosclaims.law/library/12349/27

CONTRACTORS AND DISTRIBUTORS PAGE

CONSTRUCTION BUREAU

A Construction Bureau is being established within the War Production Board, responsible to Hiland G. Batcheller, Operations Vice Chairman. The bureau will be headed by Arthur J. McComb of Montclair, N. J., who has been serving as director of the Office of Industry Advisory Committees.

The Construction Bureau will include the existing Building Materials Division, the Construction Machinery Division, the Plumbing and Heating Division, and the bulk of the Facilities Bureau which is being abolished.

A Bureau Requirements Committee is being established to pass on all construction requirements and construction programs and all major construction projects. It will also review the requirements of the divisional requirements committees of the component divisions of the Construction Bureau.

BUILDING

Total new construction activity in the entire United States amounted to $323,000,000 in September 1944, a 4% decline from the August volume, and 44% under the level of September 1943.

Of this total privately-financed work amounted to $129,000,000 for September; public work totaled $194,000,000.

New housing activity, both private and public, amounted to $51,000,000 in September which was 7% decline from August and 55% under the $113,000,000 volume of September 1943.

September work brought the total new construction volume for the first nine months of 1944 to $2,905,000,000. Of this total $1,127,000,000 or 39%, was privately-financed. During the same period in 1943, total activity amounted to $6,409,000,000 of which $1,185,000,000, or 18%, was private work.

• • • —

The construction industry will have the capacity to produce about 350,000 homes during the first twelve months after the defeat of Germany.—T. Oliver Morgan, General Manager, Home Owners' Catalogs.

• • • —

The task of putting the nation's 37,500,000 homes, neglected of necessity during the war, back in a state of good repair will be the Number One job of financial institutions and the allied building industries in the immediate post-victory period.—Abner H. Ferguson, Commissioner of the Federal Housing Administration.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 28 of 45 asbestosclaims.law/library/12349/28

SERIES 150 1500 LB. FLANGES

PIPE SIZE	METAL AREA	1"	1½"	2"	2½"	3"	3½"	4"
½"	.81	1.45	1.97	2.49	3.01	3.53	4.05	4.58
¾"	.89	1.56	2.09	2.63	3.17	3.71	4.25	4.79
1"	1.05	1.78	2.33	2.88	3.44	4.00	4.56	5.12
1¼"	1.19	1.87	2.44	3.01	3.58	4.15	4.72	5.29
1½"	1.47	2.15	2.84	3.43	4.02	4.61	5.21	5.81
2"	2.10	2.78	3.44	4.10	4.77	5.44	6.11	6.78
2½"	2.56	3.29	4.00	4.71	5.42	6.13	6.84	7.56
3	2.95	3.75	4.50	5.25	6.00	6.75	7.50	8.25
3½"	3.31	4.16	4.94	5.72	6.50	7.28	8.06	8.85
4"	3.92	4.89	5.72	6.55	7.39	8.23	9.07	9.91
5"	5.42	6.50	7.44	8.38	9.32	10.26	11.21	12.16
6"	6.11	7.14	8.10	9.07	10.04	11.01	11.98	12.95
7"	7.25	8.26	9.29	10.32	11.35	12.38	13.41	14.44
8"	8.75	9.79	10.90	12.01	13.12	14.23	15.34	16.45
9"	10.51	11.66	12.84	14.02	15.20	16.38	17.56	18.75
10"	12.00	13.32	14.51	15.70	16.89	18.08	19.27	20.46
12"	14.41	15.97	17.49	19.02	20.55	22.08	23.61	25.14
14"	18.51	20.36	21.85	23.34	24.83	26.33	27.83	29.33
16"	21.87	23.85	25.51	27.17	28.84	30.51	32.18	33.85
18"	26.14	28.49	30.30	32.11	33.92	35.73	37.54	39.35
20"	30.13	32.54	34.43	36.32	38.21	40.10	41.99	43.89
24"	40.77	43.98	46.19	48.40	50.61	52.82	55.03	57.25

The figures given in the seven columns to the right denote sq. ft. areas at thickness in top line from metal. Use metal area for first layer of blocks.

This is the sixth in the series of Area Tables compiled by Elbert R. Sitton.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 29 of 45 asbestosclaims.law/library/12349/29



Canada.

Below are given figures prepared and released by the Mining, Metallurgical and Chemical Branch of the Dominion Bureau of Statistics, covering Production of Asbestos in Canada, by months for 1940, 1941, 1942 and 1943. These are the latest revised figures. They will bring your tabulations on Production of Asbestos in Canada uptodate.

	1940	1941	1942	1943
	Short Tons — 2000 lbs.			
January	26,669	30,878	31,215	32,541
February	21,340	31,090	32,346	36,161
March	24,938	32,060	36,692	40,275
April	30,468	31,627	32,589	33,358
May	27,402	38,478	37,859	48,867
June	25,741	45,484	39,053	43,487
July	30,362	44,442	39,375	43,767
August	32,001	48,320	42,020	40,059
September	30,460	45,610	37,055	39,252
October	34,731	42,607	40,416	33,911
November	33,708	42,494	38,456	38,989
December	28,985	44,756	32,383	36,529
	346,805	477,846	439,459	467,196

Africa (Union of South)

From South African Mining & Engineering Journal.

	Year 1943 Tons (2000 lbs.)	Value
Transvaal		
Amosite	26,936	£583,424
Blue	1,965	55,797
Chrysotile	1,269	26,071
Cape		
Blue	7,975	248,467
	38,145	£913,759

The 1269 tons of Chrysotile sold in the Union during 1943 were classified as follows:

Crude (run of mine)	807 short tons
Shingle Fibre	425 short tons
Paper stock and fillers	37 short tons
	1,269 short tons

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 30 of 45 asbestosclaims.law/library/12349/30

NEWS OF THE INDUSTRY

BIRTHDAYS

J. A. Marcotte, General Sales Manager, Asbestos Corporation Limited, Thetford Mines, P. Q., November 22.

F. R. Anderson, Vice President, Sall Mountain Co., Chicago, Ill., November 24.

Alvin C. McCord, President, McCord Radiator & Mfg. Co., Detroit, Mich., November 24.

John J. Krez, President, Paul J. Krez Co., Chicago, Ill., November 26.

Alfred E. Hermes, Secretary-Treasurer, Acme Asbestos Covering & Flooring Co., Chicago, Ill., November 27.

W. C. Ignatius, Secretary-Treasurer, Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio, November 27.

Frank N. Grossman, Secretary, Arnold Insulations, Inc., Chicago, Ill., November 28.

E. T. Connell, President, Connell Asbestos Co., Brooklyn, N. Y., November 29.

S. P. Moffit, Vice President and Director, The Ruberoid Co., New York City, November 29.

R. E. Kramig of R. E. Kramig & Co., Cincinnati, Ohio, November 29.

K. H. Behr, Secretary, The Ruberoid Co., New York City, December 5.

Victor Mauck, President, Nicolet Asbestos Mines, Norristown, Pa., December 6.

Kenneth MacLellan, Managing Director, George MacLellan & Co., Ltd., Glasgow, Scotland, December 8.

John C. Camp, Vice President, Southern Friction Materials Co., Charlotte, N. C., December 13.

Joseph Poulin, President and General Manager, Asbestonos Corporation, Ltd., St. Lambert, Montreal, P. Q., Dec. 15.

L. J. Silverman, Executive Vice President and Treasurer, Union Asbestos & Rubber Co., Chicago, Ill., December 16.

W. Paul Doud, of Doud Insulation Co., Philadelphia, Pa., December 17.

To all these gentlemen we extend congratulations and best wishes on the occasion of their birthdays.

WANTED

First-class man for sales and engineering work in Contract Department California Insulation House. Prefer engineering graduate, age 35-45, with at least six years' experience. Salary open. Position vacant. Reply by letter stating experience and salary expected and availability. Also be prepared to give references. Box 10W-S, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 31 of 45 asbestosclaims.law/library/12349/31

ASBESTOS CEMENT PRODUCTS ON THE AIR

Launching a new phase of its publicity program, the Asbestos Cement Products Association has introduced a service which will result in focusing attention on asbestos cement building materials thru farm programs broadcast by the nation's radio stations.

The service consists of a series of monthly scripts, each containing a variety of news and educational items concerning worthwhile uses for asbestos-cement products on the farm. Each script is written so that it can be incorporated easily into the stations' established farm broadcast.

Within a week after the first offering of the service to stations, more than 70 broadcasters had written in asking exclusive rights for the scripts in their cities. In addition, the Blue Network requested the material for use on its "Farm and Homemakers" program, which is carried over 71 stations. Additional requests are being received daily, and it is expected that the total, exclusive of the network, will soon exceed one hundred.

The first script cautioned farmers about the need for sound roofing and siding as a protection against winter weather, and recommended that reroofing and residing be done with asbestos cement products for the sake of fire protection and other advantages. It also described the value to be obtained from a winter vestibule built of asbestos cement board. Another script told how a closet for work clothes could be built into the home, using asbestos cement board for a lining. Fire Prevention Week and the importance of asbestos cement construction in preventing fire losses were the topics of a third script.

The programs upon which these scripts are being broadcast have listeners totaling several millions, so their value can easily be appreciated.

The scripts are released under the title "Farm Air-Grams." Preparation and distribution are handled by the Lawrence H. Selz Organization of Chicago, publicity counsel for the Association.

. . . —

SOUTHWESTERN ASBESTOS CORPORATION. The War Production Board and the Defense Plant Corporation have stopped all work on the custom processing plant and the Pine Top asbestos mine in Arizona. This project has been operated by the Southwestern Asbestos Corporation, J. S. Michault, Globe, Ariz., general manager. The custom processing plant was to treat asbestos ore being mined in the Globe area of Arizona, and was planned to have a capacity of 25 tons daily. J. S. Michault is now in the Army.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 32 of 45 asbestosclaims.law/library/12349/32

• 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:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia Insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.
FACTORY, BARKING, ESSEX

United States Sales Agent:
ARNOLD W. KOEHLER
415 LEXINGTON AVE. **NEW YORK CITY**
TELEPHONE—VANDERBILT 6-1477

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 33 of 45 **asbestosclaims.law/library/12349/33**

JAMES S. DOYLE
PRESIDENT B. L. M. A.

James S. Doyle has been elected president of the Brake Lining Manufacturers' Association, Inc., and will direct a nationwide campaign actively supported by the Association urging greater safety on the highways. Figures compiled over the past ten years disclose the average number of automobile fatalities per year was greater than the number of Americans killed in combat during the entire two years of World War I.



James S. Doyle

Mr. Doyle, who is staff manager of Johns-Manville automotive department with headquarters at New York, has been treasurer of the association for the past three years.

After attending Dartmouth College, Mr. Doyle took post graduate work at Columbia, joining Johns-Manville in 1928 as sales manager of the electric railway and bus department. He was appointed automotive staff manager in 1940. He is a member of the New York Railroad Club, Dartmouth Club and Psi Upsilon Fraternity Club.

RAYBESTOS WINS DMAA AWARD

The Raybestos Division of Raybestos-Manhattan, Inc., Stratford, Conn., was awarded a prize at the Annual Meeting of the Direct Mail Advertising Association held in New York City on October 20th.

Raybestos won this honor on its employee-serviceman house organ, The Firing Line, which was judged among the fifty best promotional campaigns of the many participating.

The exhibit presented the definite objectives strived for by the publication in keeping the serviceman informed, in reducing absenteeism, in stimulating war production, in increasing results in drives for war bonds, community chests, blood donors, safety, and health by increasing participation in the many sports activities made available.

• • • —

THE PHILIP CAREY MANUFACTURING COMPANY has appointed Roy S. Durstine, Inc., New York and Cincinnati, to handle its advertising. Marketing plans are now in preparation.

"THE STORY OF GATKE BRAKE LININGS", one of a series of articles running in Brake Service (published at 31 N. Summit Ave., Akron, Ohio) appeared in the October 1944 number of that publication.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 34 of 45 asbestosclaims.law/library/12349/34

RAYBESTOS GOOD FELLOWSHIP

The Raybestos Division, Bridgeport, Conn., has recently published as a tribute to its employees, an 11 x 14 inch brochure, beautifully printed in five colors, which illustrates and describes the educational, athletic, hospitalization, social and many other programs fostered at Raybestos to help promote and cement friendly, human relations—good fellowship—among its employees.

The work of the Raybestos War Production Committee in educating the employees on the ultimate uses and importance of the materials which they produce, thus quickening their interest and improving the quality of their work, occupies important space in the brochure. A copy of the brochure has been presented as a gift to all employees.

• • • —

JOHNS-MANVILLE operations for the nine months ended September 30, 1944, showed sales of $76,062,459.69 compared with $77,720,158.80 in the same period last year. The decline was not due to lack of orders but to severe manpower shortages which curtailed production in almost all of the Company's plants.

Earnings for the nine months period were $3,911,075 in 1944, compared with $3,195,528 in 1943. Earnings were higher because of a smaller provision for war contingencies in 1944.

Detailed figures follow:

	Nine Months Ended Sept. 30, 1944	Sept. 30, 1943
Sales, less cash disc., allowance	$76,062,459.69	$77,720,158.80
Expenses:		
Raw Materials, etc.	32,839,111.28	28,917,374.09
Wages and salaries	29,467,797.16	32,455,575.61
Depre. and depletion (of machinery, buildings and mineral properties	1,465,335.60	1,991,211.01
Contingencies — war conditions	700,000.00	2,280,000.00
Taxes	7,679,139.77	8,880,470.07
Total Expenses	72,151,383.81	74,524,630.78
EARNINGS	3,911,075.88	3,195,528.02
Equal after required preferred dividends to a profit per common share of	4.55	3.61

Sales for the third quarter only were $26,303,197.51 in 1944, compared with $26,692,498.71 for the third quarter of 1943. Net earnings for the third quarter of 1944 were $1,217,318.64 compared with $1,048,607.29 in 1943.

• • • —

SIR SAMUEL TURNER, who has been a director of Turner and Newall since the formation of the company in 1920, and its chairman since 1929, has, according to the India-Rubber Journal, resigned as chairman, as of October 1, 1944. The Board has appointed W. W. F. Shepherd, the present deputy-chairman to be chairman as from that date. Sir Samuel, at the special request of his colleagues, has agreed to remain a director for the time being, and to accept appointment as deputy-chairman in place of Mr. Shepherd.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 35 of 45 asbestosclaims.law/library/12349/35

THE MINING JOURNAL, Phoenix, Ariz., is publishing in its November 15th issue an article by Lincoln A. Stewart, Project Engineer, and J. H. Hedges, District Engineer, Western Region, Bureau of Mines, Tucson, Ariz., discussing asbestos deposits in Arizona. In 1943 the Bureau of Mines conducted underground exploration at four asbestos properties in Arizona. This work resulted in opening reserves estimated to yield over 2000 tons of fibre, of all grades. The article gives data as to the geology of the Arizona deposits and also factual information on the working of them.

Copies of the Mining Journal containing the article are available from the publishers at a price of 20c each or from us at the same price from a small stock kept for the convenience of our readers.

LT. COL. J. G. ROSS, who recently retired from the active management of Asbestos Corporation Limited, Thetford Mines, is spending the winter at Nassau in the Bahama Islands.

J. E. COLE, Chief of the Packing and Gasket Section, Cork, Asbestos & Fibrous Glass Division of the War Production Board, has resigned to return to Raybestos-Manhattan, Inc. Ray Coultrap is now handling the allocations under Order M-283 and is the administrator of that Order.

"NON-METALLIC FIXTURES CONSERVE ENERGY IN INDUCTION HEATING" an article by Frank W. Curtis, Consulting Engineer, Induction Heating Corporation, appeared in the American Machinist—October 12, 1944 issue—and shows numerous ways in which asbestos board can be used to make economical work-holding fixtures for all types of induction heating for joining and localized hardening. American Machinist is published by McGraw-Hill, 330 W. 42nd St., New York City, where copies of the October 12th issue would no doubt be available.

THE RUBEROID CO., reported for the three months ended September 30, 1944, net profit of $185,429, equal to 47c per share, after providing for all taxes and a reserve of $30,000 for wartime contingencies, compared with $148,638, equal to 38c per share, for the third quarter of 1943. Net sales in the third quarter of 1944 amounted to $7,379,605, compared with $7,554,601 in the corresponding period last year.

For the first nine months of 1944, net profit, after providing for all taxes and a reserve of $90,000 for wartime contingencies, amounted to $543,760, equal to $1.37 per share, compared with $399,204, equal to $1.00 per share in the like period of 1943. Net sales in the first nine months of this year amounted to $21,506,555, compared with $20,026,802 in the corresponding period of 1943, an increase of $1,479,753, or 7.4 per cent.

Post-war refunds of Federal excess profits taxes amounting to $25,000 and $74,600 are included in the net earnings reported

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 36 of 45 asbestosclaims.law/library/12349/36

CAROLINA ASBESTOS COMPANY

CUSTOM MANUFACTURERS
OF
ASBESTOS TEXTILE PRODUCTS

CAROLINA ASBESTOS TEXTILES

ARE COMPLETELY ENGINEERED FOR MODERN REQUIREMENTS IN THE MANUFACTURE OF SAFETY-CLOTHING, ELECTRICAL HEATER-CORDS, DRYER-FELTS, PLASTICS AND MANY OTHER PRODUCTS REQUIRING THE USE OF ASBESTOS TEXTILES.

ASBESTOS YARN — CORD — CLOTH
ASBESTOS ROVING — TUBING — WICKING
ASBESTOS CARDED FIBRES — LISTING TAPES
OIL BURNER WICKING

CAROLINA ASBESTOS COMPANY

EXECUTIVE OFFICES:
DAVIDSON, N. C.

FACTORIES:
DAVIDSON, N. C.
MARSHVILLE, N. C.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/37

for the third quarter and for the first nine months of 1944, respectively.

THE PHILIP CAREY MFG. COMPANY announces the following appointments: George B. Johnston as General Merchandising Manager. Mr. Johnston was formerly Manager of the Marketing Division. He has been with the Carey organization 19 years.

Chester L. Owens, previously Manager of the Cincinnati Branch, has been made Assistant General Sales Manager.

PUBLICATIONS AVAILABLE

Asbestos Mining Methods. (Reprint)—25c per copy; discount in quantities of 50 or more. Available January 15.

The Asbestos Factbook (2nd Edition)—Much information about asbestos, in compact form—10c per copy.

Canadian Chrysotile Asbestos Classification (reprint)—25c per copy, or 15c ea. in quantities of 10 or more.

Twelve Estimating Tables with Chart. Convenient in figuring flange fittings and other areas—$1.00 per set.

Manual of Unit Prices (for figuring pipe covering and blocks)—30c per copy postpaid.

Processing Asbestos Fibres (Reprint)—of interest to textile plant superintendents or foremen—25c per copy.

Tests for Cotton Content (Reprint from May 1944 "ASBESTOS".) 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. Reprinted from Page 27, February 1944 "ASBESTOS". 20c each

Asbestos: The Magic Mineral, by Lilian Holmes Strack. Especially interesting to school children—$1.00 per copy.

Order any of the above from "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia, 30, Pa.

PATENTS

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

Copies of patents can be obtained by sending 10c (in coin) to The Commissioner of Patents, Washington, D. C., giving the patent number, date it was issued, name of patentee and name of invention.

Magnesium Composition. No. 2,358,818. Granted on September 26th, 1944 to Lewis B. Miller, Ambler, Pa., assignor to Keasbey & Mattison Company, Ambler, Pa. Application Nov. 1, 1940. Serial No. 363,897.

The method of extracting magnesium carbonate from dolomite, which consists in calcining the dolomite at relatively low temperatures, slurrying the calcium dolomite with water to form lime and magnesia hydrates, carbonating the slurry within the temperature range from approximately 60°F. to approximately

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 38 of 45 asbestosclaims.law/library/12349/38

180°F. until said hydrates are precipitated as relatively small magnesium carbonate crystals and relatively large magnesium carbonate crystals and mechanically separating said crystals.

Pipe Protection Machine. No. 2,359,751. Granted on October 10, 1944, to James D. Cummings and Marquis J. Crose, Houston, Texas, assignors to Johns-Manville Corporation, New York, and Crutcher-Rolfs-Cummings, Houston. Application October 7, 1942. Serial No. 461,176.

A combination pipe cutting and wrapping machine. Further description upon request.

Anchor. No. 2,360,076. Granted on October 10, 1944, to William S. McLeish, Morehead City, N. C. Assignor to Ric-wiL Co., Cleveland, Ohio. Application May 6, 1942. Serial No. 441,991. An underground conduit securing means. Further description upon request.

Composition and Process of Preparing Same. No. 2,360,645. Granted on October 17, 1944 to Donald S. Bruce and Ralph T. Halstead, Somerville, N. J. Assignors to Johns-Manville Corp., New York. Application December 12, 1941. Serial No. 422,680.

A molding mixture consisting essentially of a major proportion of asbestos fibres and sufficient phenol-formaldehyde resin to provide a heat curable bond, said mixture being rendered color stable by the presence therein of free sulphur in amount constituting 1.25-5% of the dry weight of the mixture.

Detachable Lining for Brake Shoes. No. 2,361,307. Granted on October 24, 1944, to William F. Merritt, Middletown, N. Y. Application November 3, 1943. Serial No. 508,843.

In combination with a brake shoe having a rim and a web of lining disposed against the outer face of said rim, clips having portions counter sunk in the outer face of said lining and arms passing thru the lining and the rim, the arms of certain of the clips being formed with openings alined with openings in the web, threaded fasteners passing thru the alined openings and each having threaded engagement with the web and with one arm of the clip thru which it passes and nuts threaded upon the facings and tightened to exert binding grip to prevent accidental loosening of the fasteners.

— • • •

General contractors are prepared to start civilian construction programs as soon as the war with Germany is over, which will provide jobs directly and indirectly for several million men and women, says William Muirhead, president of the Associated General Contractors of America.



CURRENT RANGE OF PRICE

As of November 10, 1944

Canadian—	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)		
Group No. 1 (Crude No. 1)	$650.00	to	$750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry)	165.00	to	385.00
Group No. 3 (Spinning or Textile Fibre)	124.00	to	233.50
Group No. 4 (Shingle Fibre)	62.50	to	82.50
Group No. 5 (Paper Fibre)	44.00	to	49.50
Group No. 6 (Waste, Stucco or Plaster)	33.00	to	34.00
Group No. 7 (Refuse or Shorts)	14.50	to	29.50

Vermont—	Per Ton (2000 lbs.) f.o.b. Hyde Park, Vt.		
Shingle Stock Fibres	$62.50	to	$65.50
Paper Stock Fibres	44.00	to	54.00
Waste			33.00
Shorts	14.50	to	28.50
Floats			19.50

Note: Crude Run-of-Mine (Canadian) refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and 2 Crude. Crude 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.

ASBESTOS STOCK QUOTATIONS

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

		October 1944		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	44¼	45¾	44½
Asbestos Corp. (Com.)	np	20½	21½	20¾
Celotex (Com.)	np	13	14¼	13¼
Celotex (Pfd.)	20	18	18¾	18⅜
Certainteed (Com.)	1	6⅝	7¾	7⅝
Certainteed (Pfd.)	100	112	126½	125
Flintkote (Com.)	np	20⅝	23½	22⅜
Flintkote (Pfd.)	np	107½	109½	108¾
Johns-Manville (Com.)	np	95¾	101	96¼
Raybestos-Manhattan (Com.)	np	31¼	33	32¼
Ruberoid (Com.)	np	32½	34½	32¾
Thermoid (Com.)	1	8½	9¼	8¾
Thermoid (Pfd.)	10	47	59	49
U. S. Gypsum (Com.)	20	76	80¾	76¼
U. S. Gypsum (Pfd.)	100	175½	180	180
U. S. Rubber (Com.)	10	47	51⅜	48⅞
U. S. Rubber (Pfd.)	100	141	149½	149½

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 40 of 45 asbestosclaims.law/library/12349/40

THIS and THAT

The 51st Annual Meeting of the American Society of Heating and Ventilating Engineers will be held at the Hotel Statler, Boston, Mass., January 22 to 24, 1945, with members of the Massachusetts Chapter serving as hosts. For further information write the Society at 41 Madison Avenue, New York 10.

• • • —

"From the Shadoof to the Dominant Drive", a thumb nail history of man's effort to transmit power for his own benefit, has recently been published by Multiple V-Belt Drive Association, 140 S. Dearborn St., Chicago 3, Ill. A copy may be had by those interested, for the asking.

• • • —

Plastic foam weighing only one-seventh as much as cork has been developed and is being manufactured for important uses by the United States Rubber Company. The new product is called flotofoam because of its buoyancy. To produce it a combination of plastic materials are foamed and then solidified.

• • • —

A new catalog covering the basic features and applications of the Mikro-Pulverizer line has been issued by the Pulverizing Machinery Company of Summit, N. J. Several asbestos firms are included among their list of users. Copies of the catalog will be sent on request to the Company.

• • • —

Highway users can expect an uptodate postwar Uniform Vehicle Code next year after state legislatures convene. Finishing touches are now being put on it by a committee of the National Conference on Street and Highway Safety.

• • • —

The Committee on Research of the American Society of Heating and Ventilating Engineers has announced a Research Program covering 28 Research Projects, and is issuing to members a booklet of 32 pages describing these

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 41 of 45 asbestosclaims.law/library/12349/41

projects. A list of these projects will be sent any of our readers who are interested, or it is probable that a copy of the booklet can be obtained by request addressed to the Society at 51 Madison Avenue, New York, 10, N. Y.

• • • —

Form 3526—Ed. 1933

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACTS OF CONGRESS OF AUGUST 24, 1912, AND MARCH 3, 1933

Of "ASBESTOS" (Insert title of publication.) published monthly (State frequency of issue.)

at Philadelphia, Pa.(30) (Name of post office and State where publication is entered.) for October 1944

STATE OF Pennsylvania, COUNTY OF Philadelphia, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared A. S. Rossiter, who, having been duly sworn according to law, deposes and says that he is the Editor of the magazine "ASBESTOS" (State whether editor, publisher, business manager, or owner.) (Insert title of publication.) and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, as amended by the Act of March 3, 1933, embodied in section 537, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

	Name of—	Post office address—
Publisher	Secreterial Service	17th Floor, Inquirer Bldg.,
Editor	A. S. Rossiter	Blue Bell, Montg. Co., Pa.
Managing Editor	A. S. Rossiter	Blue Bell, Montg. Co., Pa.
Business Manager	(A. S. Rossiter (E. E. Cox	Blue Bell, Montg. Co., Pa. 1134 S. 52nd St. Phila., Pa.

2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.)

Estate of C. J. Stover,	130 Summit Ave., Jenkintown, Pa.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)

None

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the twelve months preceding the date shown above is _____ (This information is required from daily publications only.)

A. S. Rossiter
(Signature of editor, publisher, business manager, or owner.)

Sworn to and subscribed before me this 23rd day of September, 1944

[SEAL.]

Conyer White, Notary Public
(My commission expires Jan. 27 1945)

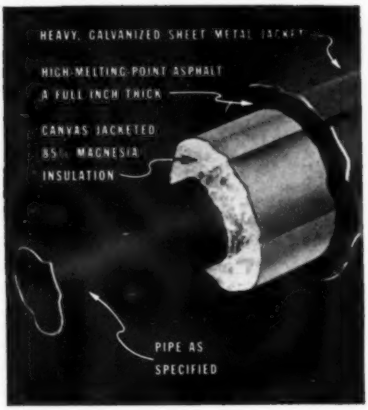
NOTE.—This statement must be made in duplicate and both copies delivered by the publisher to the postmaster, who shall send one copy to the Third Assistant Postmaster General (Division of Classification), Washington, D.C., and retain the other in the files of the post office. The publisher must publish a copy of this statement in the second issue printed next after its filing.

16—40750

POSTMASTER: BE SURE TO READ AND CAREFULLY OBSERVE INSTRUCTIONS ON THE OTHER SIDE.

Asbestos Magazine, 1944, November 1944 Published by AsbestosClaims.Law
ACL Doc 12349 · Page 42 of 45 asbestosclaims.law/library/12349/42

Sectional view of Durant Insulated Pipe, showing construction features. Pipe, insulation and protection are factory-fabricated into units.



EHRET'S D.I.P.

. . . SETS STANDARDS FOR UNDERGROUND INSULATED PIPING

Ehret's Durant Insulated Pipe combines the high insulating efficiency of 85% Magnesia and the time-defying characteristics of imperishable asphalt. Added to this advantage is factory-fabricated construction which makes field installation both rapid and economical.

Send for the special Ehret booklet on D. I. P. It contains full details on this modern system for underground insulated piping.

EHRET MAGNESIA MANUFACTURING COMPANY

VALLEY FORGE • PENNSYLVANIA

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/43

SOUTHERN ASBESTOS COMPANY

Asbestos Textile Products since 1919

A Complete Line of Products



The facilities of our sales and research organization are at the disposal of any manufacturer who has a problem to solve which involves the use of fabricated asbestos.

★

SOUTHERN ASBESTOS COMPANY · CHARLOTTE, N.C.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/44



Published by AsbestosClaims.Law
asbestosclaims.law/library/12349/45