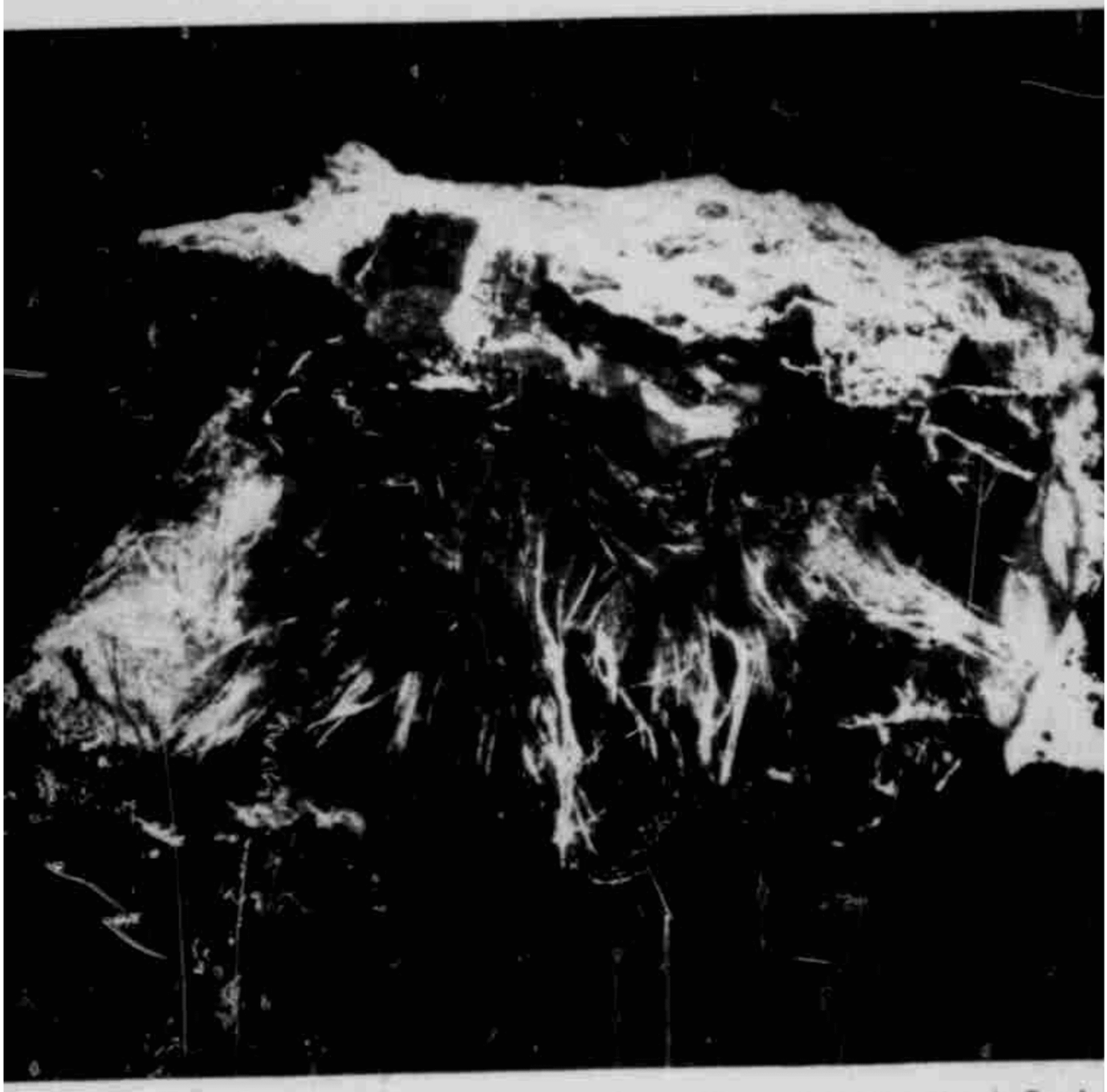
ASBESTOS



Arizona Asbestos No. 1 Crude

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/1

NEEDLED FELTS

FOR

ASBESTOS CEMENT PRODUCTS

SIDING
SHEETS
PIPES
ASBESTOS PAPER
MILLBOARD

Balanced synthetic contents

WORLD'S FIRST MANUFACTURER
OF NEEDLED
FELTS

Greater durability — Uniform quality — Rapid delivery

DRYCOR FELT COMPANY
STAFFORDVILLE, CONNECTICUT, U.S.A.

"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE BY

SECRETARIAL SERVICE

807 WESTERN SAVING FUND BLDG.
S. E. COR. BROAD & CHESTNUT STS.
PHILADELPHIA, PENNSYLVANIA 19107

Trust of C. J. STOVER, *Proprietor*
E. E. COX, *Editor*

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

Volume 45 AUGUST 1963 Number 2

CONTENTS

	Page
ASBESTOS AROUND THE WORLD	
INDIA BUILDS WITH CANADIAN ASBESTOS	2
REMOTE CONTROL COMPRESSOR AT PENGE	6
ASBESTOS/SPINGARD HIGH SPEED	
SPINNING FRAME FOR SPINNING ASBESTOS	12
STRONGER ASBESTOS CEMENT SHEETING	16
ASBESTOS TEXTILE INSTITUTE	
RESIGNATION & NEW APPOINTMENT	20
AUTOMOBILE SALES	22
MARKET CONDITIONS	24
BUILDING	30
PRODUCTION	32
IMPORTS & EXPORTS	34
INDUSTRY NEWS	46
ASBESTOS STOCK QUOTATIONS	50
CURRENT RANGE OF PRICE	52
ASBESTOS PATENTS	54

ASBESTOS is indexed regularly by Engineering Index, Inc.

SUBSCRIPTION PRICE

United States - - - - - $3.00 Per Year
Canada - $4.00 Per Year Foreign Countries - $4.00 Per Year
Back Copies - .35 Each Single Copies - (Current) .25 Each
(Payable in U. S. Funds)

Copyright 1963, Maud M. Stover, Trustee, Trust of C. J. Stover

ASBESTOS AROUND THE WORLD

India Builds With Canadian Asbestos

(This article, taken from the March 1963 issue of "The Asbestos Producer", is the third of a series prepared by Canadian author Jean Danard, who, in the course of a round-the-world voyage, is interviewing asbestos manufacturers.)

In the small industrial town of Dalmianagar, some 300 miles west of Calcutta, India, Canadian asbestos is well-known to at least 400 of its 20,000 citizens. They are the employees of the asbestos plant of Rohtas Industries Limited, a sprawling industrial enterprise also producing sugar, paper, chemicals, cement, vegetable oils and steel castings on the same site.

Rohtas made its first dent in the Dalmianagar skyline in 1933 when the sugar factory with its towering smoke-stack went up. The asbestos plant has been in operation since 1950 after an unlucky start four years earlier with what turned out to be the wrong kind of fibre and equipment. Canadian asbestos came into the picture in 1958.

Production Manager, M. P. Varma, was willing to give Canadian asbestos a try. A graduate chemist from the nearby University of Patna, he had been with the Rohtas asbestos plant since its first start in 1946. He liked Canadian asbestos because it was strong and clean. If he could use a shorter fibre, the lower cost would offset the higher freight charge for delivery from half way around the world.

Canadian fibre worked as well as promised and first orders were placed. A year ago he also started using Group 5 when the quality of the samples received met his requirement. Today 75 per cent of his raw material comes from Canada. And each year he produces between 10,000 and 15,000 tons of corrugated and semi-corrugated sheets, low-pressure pipes and fittings, gutters and roofing accessories.

Many of the asbestos-cement articles are hand-moulded. The Indian workmen first make wood patterns on which asbestos moulds are formed. Once dry and properly matured, the asbestos mould becomes the master form for hundreds and thousands of similar pieces. Quickly and surely the workmen plunk iron pipes on the corrugated moulds,



Asbestos Corporation Limited specializes in mining and milling asbestos fibres for every application, from textiles and asbestos cement products to fillers for paint, plastics and rubber. ACL's four mines and three mills produce asbestos fibres and shorts to virtually any specification. All grades, from No. 1 crude to the new, exclusive "superfine" fillers are quality-controlled to the highest standards in the industry.

If you have a process, project or product which involves asbestos, contact...
Asbestos Corporation Limited.

for technical and sales information contact:
ASBESTOS CORPORATION LIMITED
Thetford Mines, Canada

ASBESTOS

then rub their hands over possible loose spots. All wear loose pyjama-like trousers of the white dhoti made popular by Gandhi which is simply a piece of cloth skillfully draped and tucked around the waist. A few are turbaned but most leave their thick heads of hair uncovered.

When the pieces are dry, they are transferred to a permanent shower or bath for four weeks to mature. In a hot climate, moisture is a necessity.

From Rohtas, finished asbestos products go to customers in northern India. One-third of all sales go to the government, the balance to 250 agents who farm it out to individual customers. "The defense department is a big user," explains C. R. Sadani, Commercial Manager for both asbestos and cement products. Our asbestos has also been used by the coal mines to build houses for workers when they wanted light construction. It's also used by the railways for waiting rooms and platforms, in steel projects, by theatres, factories and government storehouse for grain.

One interesting use has been the government's community projects, about 4,000 of which have been started since India gained independence in 1947. Each project contains houses and offices for forestry, agriculture, health and other experts who work with neighboring villages (often up to 50) in an effort to make them more productive. Rooftops are all made of corrugated asbestos.

Thus the advantages of asbestos are well-known to Indians. "We particularly like it for roofing," explains Mr. Sadani. "The alternatives are galvanized iron, which is in short supply and corrodes, and country tiles, which break easily. Asbestos roofs are less noisy than iron during the monsoon rains and cooler in summer. And of course insurance premiums are considerably lower for buildings topped with asbestos."

Is asbestos a wonder mineral? In India it really is.

C. STANLEY manufacturers since 1906
MORGAN WOOL FELT-ASBESTOS PIPE COVERINGS
1124 OAKMAN BOULEVARD — DETROIT 38, MICHIGAN

Cable Address
Asbestic, Thetford Mines
Phone: FEderal 5-9193

JOHNSON'S COMPANY LTD.
ASBESTOS MINES
Mine At
Thetford Mines, Que.

JOHNSON'S ASBESTOS COMPANY
Mine At Black Lake, Que.
HEAD OFFICES
THETFORD MINES, QUE.
CANADA

Our 88th Year

Producers of RAW ASBESTOS Since 1875

AGENTS

UNITED STATES GRANT WILSON, INC., 111 West Jackson Boulevard
CHICAGO 4, ILL.
HARDWARE PRODUCTS CO., 250 Elizabeth Avenue,
NEWARK 4, N.J.

GREAT BRITAIN A. A. BRAZIER & CO., (Asbestos) Ltd.,
Newby House, 309 Chase Road,
LONDON, N. 14, ENGLAND.

JAPAN IWAI & COMPANY LTD., No. 6 Kyobashi,
Nihonbashi-Edomachi, Chuo-ku,
TOKYO

BELGIUM JOS IDE & FILS, 60, Avenue d'Auderghem,
BRUSSELS 4

GERMANY ERNEST WERNER, Import von Rohasbest,
Katharinenstrasse 30, "Edmundhaus,"
HAMBURG 11.

FRANCE MINERAIS & METAUX,
61 Avenue Hoche, (Boite Postale 96-08)
PARIS (8e)

REMOTE CONTROL COMPRESSOR AT PENGE

The first fully-automatic remotely-controlled air compressor in the world, installed at Penge Asbestos Mine in the northeastern Transvaal, Republic of South Africa, went into operation on May 28th of this year when it was started by an electrical impulse originated in the company's Johannesburg head office and carried to Penge over 268 miles of telephone lines.

Penge compares in size with a medium-sized Witwatersrand gold mine. Approximately 80,000 tons are broken a month and this is expected to increase to 100,000 tons by the end of the year. The mine lies in a fold of the Manoutsa Mountains, part of the Drakensberg Range, which rise to heights of 6,000 feet in the vicinity of the mine, although Penge itself is only 2,000 feet above sea level. It is 268 miles northeast of Johannesburg and 65 miles from Lydenburg, the nearest town. Bagged asbestos is carried by road transport a distance of 22 miles to the railway station at Burgersfort, on the Lydenburg-Steelpoort line.

Temperatures in summer are generally above 95°F., the winter climate being one of the finest in South Africa.

Most of the ore from Penge is produced from semi-shrinkage stopes operated on the "herring-bone" system. In these stopes the face is carried on the dip and the shrinkage really comprises an enlarged "scatter-wall" about 50 feet thick. It is carried at this width in order to give some degree of support close to the face because the permanent supports built behind the wall are usually a considerable distance from the working face.

The ore is taken to the surface at the Keep Vertical Shaft which is 1,436 feet deep, making Penge the deepest asbestos mine in South Africa. It is also the largest producer of amosite in the Republic and, as this type of asbestos is only found in this country, it is also the largest producer of amosite in the world.

The deposit at Penge is 20 miles long and dips at an angle of 20° to the west. From the outcrop to the present stoping area is 2,000 feet down the dip.

CAPE BLUE ASBESTOS

Direct from the Mines or from stocks in London

•

TRANSVAAL BLUE · AMOSITE
CHRYSOTILE · ANTHOPHYLLITE

•

Processing of all grades of Asbestos carried out in our London Works



CENTRAL ASBESTOS Co., LTD.

CENTRAL HOUSE • THOMAS ROAD • LONDON E.14
'Phone EAST 5711 Cables CENBESTOS LONDON
CENTRAL ASBESTOS (S. A.) PTY LTD. P.O. BOX 10213 JOHANNESBURG

Water is present in the dolomite series which underlie the ironstones in which the amosite is found and arrangements have been made to pump 85,000 gallons per hour. Underground storage has been provided for 500,000 gallons.

Penge employs 370 Europeans and 6,000 Africans, 80 per cent of whom are drawn from the local Bapedi tribe. However, this figure fluctuates greatly according to rainfall as most of the Bapedi are farmers at heart and when the rains come they depart for their farms. There are more than 200 houses as well as single accommodations in the township. Married employees do not pay rent and receive free electricity and water as well as free servants.

The history of Penge, which is a subsidiary of the Cape Asbestos Company (S.A.) (Pty) Limited, dates back to 1907 when a general dealer named C. J. Ward found deposits of asbestos on the right bank of the Olifants River, 1½ miles distant from the site of the present mine. Mining was started on a very small scale in 1910.

In 1916 Egnep (Pty) Limited and Amosa (Pty) Limited, the former being Penge spelled backwards and the latter being the title which gave amosite its name, were registered to acquire leases of the mineral rights over the farms Penge and Streatham on the banks of the Olifants River. These two companies were acquired by Cape Asbestos in 1925.

The rotary screw compressor is a two-stage machine, the stages being mounted either side of an electric driving motor. The first stage compresses the air from atmospheric pressure to 35 pounds per square inch; this air is passed through an inter-cooler which extracts a percentage of moisture from the air and increases efficiency. It then enters the second stage where it is compressed to the required working pressure and is discharged via an after-cooler, which extracts a further amount of moisture from the air into the mine pipe lines.

Each of these stages consists basically of two intermeshing rotors, a male and a female, mounted in a horizontally split casing. The male has four lobes of semi-circular cross section and the female six openings shaped to mesh with the male. This necessitates a set of timing



Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/6

gears to give the speed difference and allow intermeshing. The principal feature of this unit is that the rotors do not touch each other or the casing and are therefore non-wearing. The rotor shafts are carried in specially designed heavy-duty roller bearings which in turn are virtually non-wearing. Thus the unit is designed to run for, say, twenty years, without requiring any replacement spares. The cycle of compression is simple; air is drawn into the rotors via an intake duct and is trapped in the space between the lobes; as the rotors rotate the volume of this space is decreased and you get a predesigned build-up of pressure. The drive is on the male, and the female rotor acts as a slide valve, sliding the air along to the discharge end. This all takes place in a continuous cycle and completely pulsation-free air is delivered into the mine air system. The compressor and electric driving motor are fully protected against failure and do not require any form of supervision. The compressor house is kept locked and the compressor is started or stopped by pressing either a Start or Stop button at a remote control point.

ORANGEBURG MANUFACTURING COMPANY, a division of The Flintkote Company, has just published a new 8-page, 2-color catalog describing its line of Flintite asbestos-cement sewer pipe for non-pressure, gravity-flow sewer systems.

The catalog, AC62NPS-1, defines the objectives of municipal sewer systems and describes how Flintite pipe meets these objectives. It also presents engineering information on the pipe, including sizes, lengths and strength specifications. Photos, line drawings and sectional views illustrate pipe and coupling design; assembly and installation methods; and types of fittings available. Tables list comparative crushing strengths of Flintite, clay tile and concrete pipe and weights of various sizes of Flintite pipe.

Copies are available without cost from Orangeburg Manufacturing Company, a division of The Flintkote Company, 375 Park Avenue, New York 22, New York.

CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET INDUSTRIES. INC.

ASBESTOS FIBRE DIVISION

Nicolet Avenue

Florham Park*, New Jersey

*Suburb of New York City.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/7

ASBESTOS/SPINGARD

High Speed Spinning Frame For Spinning Asbestos

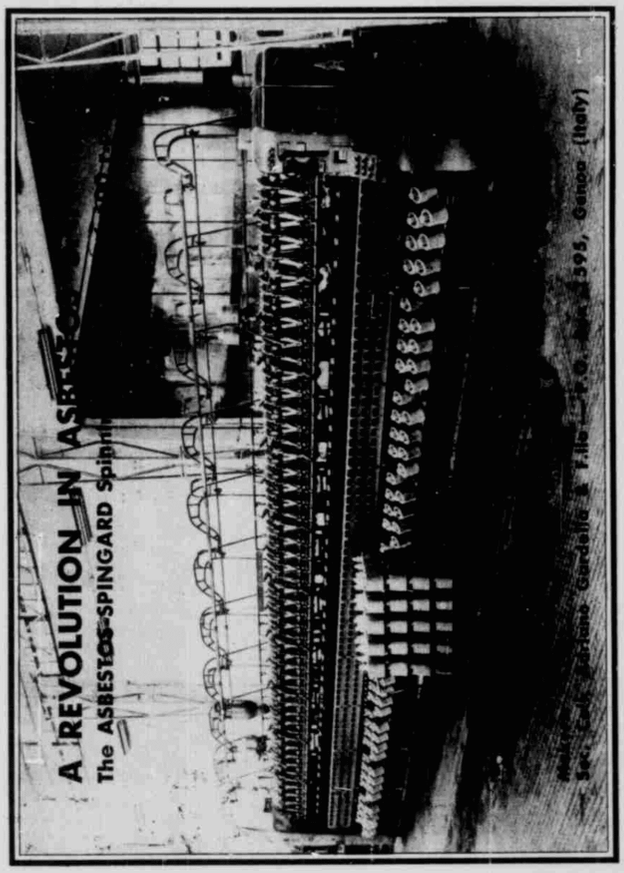
(ASBESTOS/SPINGARD is manufactured by Soc. Coll. Adriano Gardella & F.llo, Piazza Vittoria, 11, Genova, Italy.)

The ASBESTOS/SPINGARD Spinning Frame performs all the spinning operations by means of automatic and original methods which are considerably different from the traditional systems: the rove coming out of the boss roller is sucked into a depressed rotating Tube which gives it an initial twist. The rove passes then into a second Tube actuated by an alternating up-and-down movement and when the rove comes out of the bottom end of said tube, it goes into a depressed Pot rotating at the speed of 5/8,000 r.p.m. Owing to the centrifugal force, the yarn is adhering to the inner wall of the pot so that while r tating together with the pot it receives the final twist and at the same time, guided by the bottom end of the tube moving up-and-down, it places itself in concentrical coils on the inner wall of the pot thus forming a hollowed bobbin or tapered roll weighing about 1,200 kilo.

The 80 or 96 bobbins are automatically doffed on a lifting board and they can be directly employed in the subsequent processes.

The formation of twist takes place inside the tube-pot-assembly which sucks the rove when it is coming out of the boss roller. Therefore, just when the rove is weaker and more subject to breakages, it is taken away from the external ambiance where the air is somewhat agitated because of the fast rotation of the twisting elements, and it conveyed into a depressed ambiance where the stream of air accompanies and favors the formation of the yarn. When an end breaks, the air suction and the centrifugal force resuck automatically the broken end. Therefore, no skilled operator is necessary to attend this "Spingard" spinning frame.

All operations are automatic, actuated by buttons. Because of the capacity of the package, the shifts are regulated at long intervals.



Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/8

Owing to its high output and to its high degree of automatisms, this spinning frame is a great help in the research for reducing manufacturing costs and for improving the quality of the product. Because of its original conception, it marks a remarkable turning point in the spinning methods of Asbestos.

AMERICAN SOCIETY FOR TESTING AND MATERIALS announced the election of its new national officers on June 25th, 1963, at the President's Luncheon, Chalfonte-Haddon Hall, during its 66th Annual Meeting in Atlantic City, New Jersey.

President—I. Vernon Williams—Mr. Williams is Head of the Metallurgical Engineering Department, Bell Telephone Laboratories, Inc., Murray Hill, New Jersey. He was elected President of ASTM to serve for a one-year term beginning at the close of the Society's week-long meeting.

Vice President—Robert F. Legget—Mr. Legget is Director, Division of Building Research, National Reseach Council of Canada, Ottawa, Ontario, Canada. He was elected for a two-year term as a Vice President. *Charles L. Kent*, Assistant Director, Technical Services, Jones & Laughlin Steel Corporation, Pittsburgh, Pennsylvania, will continue as a *Vice President*.

Board of Directors—New Board members elected for three-year terms were: *Harold N. Bogart*, Assistant Director, Manufacturing Engineering and Development Office, Manufacturing Staff, Ford Motor Company, Detroit, Michigan; *Walter A. Gloger*, Assistant Technical Director, National Lead Company, Hightstown Laboratories, Hightstown, New Jersey; *William L. Glowacki*, Manager of Department of Technical Services, Research and Development Division, Eastern Gas and Fuel Associates, Boston, Massachusetts; *Harold M. Smith*, Research Scientist, U. S. Bureau of Mines, Bartlesville Petroleum Research Center, Bartlesville, Oklahoma; *Luther P. Spalding*, Section Head, Design Producibility, North American Aviation, Inc., Los Angeles, California; and, *Lyman W. Wood*, Civil Engineer, U. S. Forest Products Laboratory, Madison, Wisconsin.

BEH
BALDWIN-EHRET-HILL

We go full circle
in the manufacture of
INDUSTRIAL INSULATIONS
for service from
sub-ZERO to 2100 F

CALCIUM SILICATE—85% MAGNESIA
Block and Pipe Insulation

MINERAL WOOL
Block, Pipe Insulation, Blanket, Felt, Cements

GLASS FIBER
Pipe Insulation and Flexible Products

BALDWIN-EHRET-HILL, INC.
500 BREUNIG AVE. • TRENTON 2, N. J.

STRONGER ASBESTOS CEMENT SHEETING

An automatic production line for manufacturing corrugated asbestos-cement sheeting which has just come into operation at the Tolpits factory of the *Universal Asbestos Manufacturing Company Limited*, Watford, Hertfordshire, England, incorporates a new vacuum corrugator of advanced design. The new machine produces stronger corrugated sheeting than can be obtained with conventional equipment, and it permits the production of a denser sheet. The vacuum corrugator is of German design but the production line itself has been designed and constructed by the U.A.M. Group.

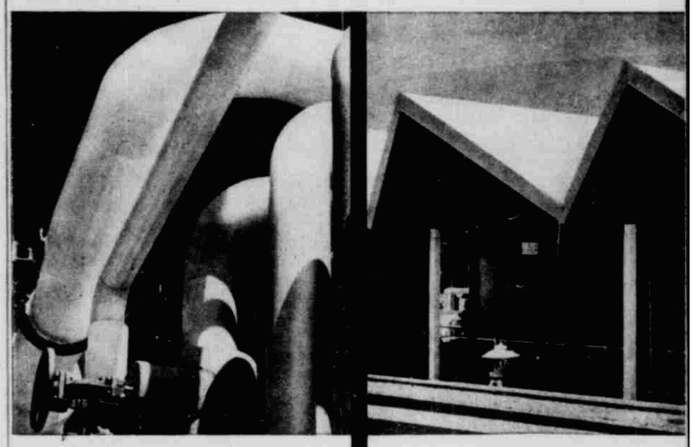
The vacuum corrugator avoids the tendency for the soft asbestos-cement sheeting to be stretched at the point of pressure, due to the dragging effect of the remainder of the sheet, when it is pressed into a corrugated mould. In the system of vacuum corrugating the shoft sheet is first cut accurately to size and then lifted by suction while still absolutely flat, and desposited upon a nylon cloth which is suspended above a forming table. The cloth is then brought under section systematically, corrugation by corrugation, as it is rolled towards the suction point. In this way the sheet rides on the carrier cloth and is not subjected to any pulling stresses which might stretch or rupture the soft material and lead to a weak spot in the finished sheet.

The sequence of operations in the production line begins with the newly-formed soft asbestos-cement flat sheet being cut off from the Hatschek-type making machine at the required thickness after an automatic signal. The belts on the plant taking sheets away from the making machine have variable speed drives.

The sheeting is then cut to size, corrugated and stacked with the steel moulds in piles. These are conveyed to a stripping point after a period in a maturing oven. An automatic machine then removes the hard sheets from their moulds and stacks them ready for the stockyard. The stripper lifts the sheets and moulds by four suction pads. At the same time the moulds are returned automatically via cleaning and oiling machines to the corrugating point at the head of the production line.

Two new ways

RUBEROID Asbestos is helping industry



RUBEROID T/NA 100

Multi-Purpose Insulation Jacketing.

Combines **RUBEROID ASBESTOS** with DuPont TEDLAR® PVF film to form a revolutionary new jacketing for use over virtually any type of insulation.

RUBEROID T/NA 200

Roofing Membrane.

Combines **RUBEROID ASBESTOS** with DuPont TEDLAR PVF film to form the industry's first pre-fabricated built-up roofing system.

Where can you use asbestos? Whether it's alone or in combination with some other material, we invite your inquiries. We supply chrysolite fibres for textiles, compressed sheets, brake linings, gaskets, plastics, shingle stock, asbestos papers, insulating cements and floor tiles.

The RUBEROID Co.

ASBESTOS FIBRES DEPT.
733 Third Avenue, New York 17, N. Y.

Export distribution handled by:
Columbian Carbon International Inc.
380 Madison Avenue, New York 17, N. Y.

®Du Pont's Registered Trademark

The production line, which is over 400′ long, incorporates a maturing oven of some 330′ in length. It will produce sheeting in Standard Six, Canada, and underlining profiles and it has been designed to that, if required, the vacuum corrugator may be by-passed and flat sheeting produced.

WALTER E. HESS has retired from *The Philip Carey Manufacturing Company* after 24 years of service. Mr. Hess joined Carey in 1939 as a Salesman; served as Resident Manager in Albany, New York; Roofing Department Manager and Sales Manager of the Dealer Products Division in Cincinnati, Ohio; Assistant District Manager in Pittsburgh, Pennsylvania; and, Cleveland District Manager. In 1959, he was appointed Division Vice President of Sales for the Central Division with headquarters in Cleveland, Ohio.

W. NOEL REAKES, Technical Service Manager for the Asbestos Fibre Department of the *National Gypsum Company*, Buffalo, New York, has been active in Scouting since 1918. He has resigned as Assistant Provincial Commissioner for Lone Scouting and Cubbing, for Quebec, and has been named Secretary of the Pen Pal Service by the National Headquarters, Boy Scouts of Canada, Ottawa, effective May 1st, 1963. Mr. Reakes will direct this service under the guidance of the Relationships Department and besides handling the regular flow of pen pal requests at Fort Erie, Ontario, Canada, will promote this work in the interests of world brotherhood.

THE ASBESTOS FACTBOOK (3rd Edition), a 20-page pamphlet giving in compact form facts concerning origin, locations, uses, analyses, and qualities of asbestos, is available at 25¢ per copy from "ASBESTOS", 807 Western Saving Fund Building, Philadelphia 7, Pennsylvania.



The Gold Bond difference: Asbestos floats that are grit-free and uniform in 3 ranges of bulking

Whatever the bulking you need in asbestos floats—high, medium or low—you get them free of troublesome grit from Gold Bond® and you can be sure of uniformity. They're filtered and screened frequent' during processing >. . checked and tested time after time fo ormity and freedom from grit. National has proven to h erienced processing facilities for most manufacturer req s. A skilled team of personnel, familiar with asb oduction and end-manufacturing requirements, will tailor-make these floats to *your* needs. Get in touch with National Asbestos Mines Ltd., Thetford Mines, P. Q., Canada. In U.S.A.: National Gypsum Company, Buffalo 25, New York.

Gold Bond
INDUSTRIAL PRODUCTS

ASBESTOS TEXTILE INSTITUTE

Resignation & New Appointment

Herbert E. Sunbury has been appointed Executive Secretary and Assistant Treasurer of the Asbestos Textile Institute, succeeding Dr. Myril C. Shaw, who has resigned to take a position with another organization. The appointment was announced by Staton Peele, President of the Institute.

Mr. Sunbury, who retired from the United State Rubber Company last year, organized U. S. Rubber's Asbestos Department in 1941. He was active in the asbestos industry for more than 40 years. He holds a Bachelor of Textile Engineering degree from Lowell Technological Institute, and has made many contributions toward the technological advancement of the industry.

Dr. Shaw has served the Institute for the last 17 years, heading the organization's research laboratory at the Philadelphia College of Textiles and Science. During his tenure with the Institute, Dr. Shaw became well known both here and abroad for his work with asbestos fibers. The research activities of the Institute will be discontinued with Dr. Shaw's resignation, and the secretary's office moved to Pompton Lakes, New Jersey.

The Institute, which provides standards of quality for the industry, was formed in 1944 as a voluntary, non-profit organization to provide service to manufacturers of asbestos textiles, and promote ethical business standards and fair business practice in the industry.

JOHNS-MANVILLE DUTCH BRAND PRODUCTS CORPORATION was among the many forty-year members presented with certificates at various *American Society for Testing and Materials* District Meetings throughout the year. Many sixty- and fifty-year members of ASTM were recognized for their long-term membership in the Society when they were presented with certificates, June 26th, 1963, at the Awards Luncheon during the 66th ASTM Annual Meeting, Atlantic City, New Jersey.



Information and samples may be obtained from your Carey Asbestos Fibre Sales Engineer or by contacting Carey-Canadian Mines, Ltd., P. O. Box 15095, Lockland, Cincinnati 15, Ohio, or The Philip Carey Company, Ltd., Ville St. Laurent, Montreal 9, P.Q., Canada.

Carey®

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/12

AUTOMOBILE SALES

	May 1963
Passenger Cars	711,842
Trucks and Buses	128,323
	840,165

In May 1962 a total of 786,223 motor vehicles were sold. In the 5 months of 1963 the total was 3,955,318.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

ASBESTOLUX "60" WALLBOARD, a 60-pound density wallboard has been added to the Asbestolux range of products by the manufacturers, *Cape Building Products Limited*, a member of the Cape Asbestos Group.

It is interesting to note that it has been possible to retain all the basic Asbestolux characteristics at this higher density. Asbestolux Wallboard will probably be preferred for wall lining applications where the greater strength and harder surface of the material is of value. Additionally, the product will be useful for wall lining, infill panels, ducting, door facings and also for sub-flooring. Special fire protection applications include fire resisting wall linings, fire breaks, lift shaft linings to satisfy Building Code requirements. Perhaps the most significant feature of the product is the quality of the surface which is smooth and consistent—something of an innovation for an asbestos sheet of this density.

Asbestolux 60 is available in sheet sizes ranging from 10'0" to 4'0" by 4'0" and 2'0" in 3/16, 1/4, 3/8 and 1/2 inch thicknesses.

Mining, milling, marketing the best in asbestos fibres...

FLINTKOTE®

Fine chrysotile asbestos fibres custom engineered from the mine, through the mill, into bags for your discriminating requirements.

Flintkote...
MANUFACTURER OF DIVERSIFIED PRODUCTS FOR HOME AND INDUSTRY

Address inquiries to:

In U.S. — The Flintkote Co., 30 Rockefeller Plaza, New York 20, New York
In Canada — The Flintkote Co. of Canada Ltd., 30th St., Longbranch, Toronto, Ontario
Flintkote Mines Ltd., Thetford Mines, P.Q., Canada
In England — The Flintkote Co., Ltd., Adam House, 1 Fitzroy Square, London W-1, England

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/13

MARKET CONDITIONS

GENERAL BUSINESS.

General business continues good. The threat of a rail strike has caused considerable concern but twice within a two week period reprieves have been obtained. Such a strike, of course, could have a paralyzing effect on the economy.

Steel production is declining and auto production will soon taper off as model changeovers take place. However, gross national product is showing slow but steady growth and, while we are obviously not in a boom, the general economy is expanding at a healthy rate.

ASBESTOS—RAW MATERIAL.

Quebec asbestos fibre shipments for the Industry during June 1963 were 101,981 tons exceeding the same period last year by 2,554 tons or approximately 2%.

Year to date shipments at 493,701 tons are running 1,021 tons or less than 1% lower than the same period 1962.

ASBESTOS—MANUFACTURED GOODS.

Asbestos Textiles. Of late, the demand for asbestos textiles has eased somewhat due to lack of shipyard activity and the traditional seasonal slowdown resulting from vacations. The industry feeling continues optimistic that 1963 sales will exceed 1962 which was the largest of the past several years.

Asbestos Brake Lining. The present market situation for this product is good and this favorable condition should continue during the coming months.

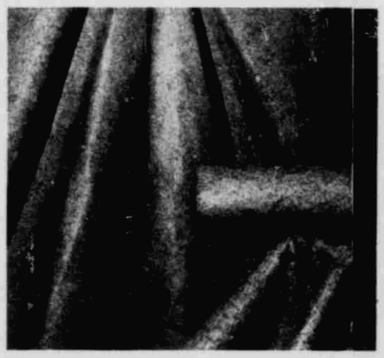
Asbestos Paper. Business at present is quite good and prices are holding firm. The outlook for the rest of the year is good.

NORAMITE

Versatile NORAMITE Non-Woven Fabrics Offer The Manufacturer Opportunities For Product Quality, Production Economy

Non-Woven Asbestos Fabrics

These flexible new materials, based on long Crocidolite and Amosite asbestos fibers, offer an economical basic fabric suitable for a multitude of products. Insulating liners; base fabric for gaskets, for foil or coatings; plastics reinforcement – are a few of the many possible applications for NORAMITE Non-Woven Fabrics.



NAAC

In the United States
NORTH AMERICAN ASBESTOS CORPORATION
Board of Trade Building • Chicago 4, Illinois

In Canada
CAPE ASBESTOS (Canada) Limited
200 Bloor Street East • Toronto, Ontario • Canada

Subsidiaries of The Cape Asbestos Company Ltd. • London

Asbestos Millboard. Business for this material continues at a good level and the recent price increases are holding stable. This situation should continue for the remainder of the year.

Corrugated & Flat. Although somewhat slow at present, business continues to run ahead of last year and is expected to continue upward for the balance of the year. New flat sheet products and finishes should contribute to this upward trend.

High Pressure Insulation. This market is still very good and inquiries from engineering firms and owners are at a strong level. Prices are still holding firm with an indication of possible future increase. It appears that the demand will increase somewhat in the third quarter with a much larger increase in the fourth quarter.

Low Pressure Insulation. Volume of business and prices remain steady. This condition is expected to remain for the rest of the year.

Asbestos Cement Shingles—Roofing & Siding. The present volume of business is better than it has been for several years although the pricing situation is highly competitive. Eastern areas seem to be moving at a somewhat quicker pace than the south and midwest. This upward trend is expected to continue for the balance of the year. On the whole, business seems to have reached a plateau after several years of decline.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

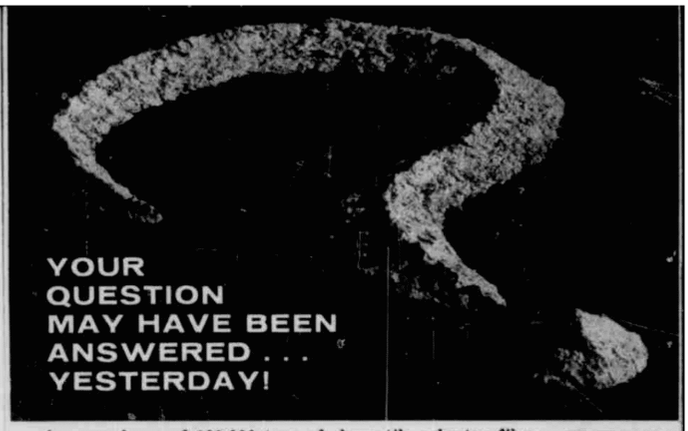
POLYREZ®

Phenolic & Cashew Resins

Cashew Dusts & Polymers

POLYREZ COMPANY, INC.

RAILROAD & SO. COLUMBIA WOODBURY, N.J.



As a producer of 100,000 tons of chrysotile asbestos fibre annually, we have made research on asbestos a part of our daily business.

At the Asarco Central Research Laboratories, where we continually conduct both basic and applied research, that question you face today — or one similar to it — may have been answered yesterday.

Write today on your company letterhead. For data on Lake brand quality, prices, delivery and service, mention your end product. Write to Asarco International Corporation, 120 Broadway, New York 5, N. Y., distributors for Lake Asbestos of Quebec. Ltd.

LAKE ASBESTOS

OVERSEAS SALES AGENTS:

AUSTRALIA
Mount Isa Mines, Ltd.
Sydney

BELGIUM
Keyser & MacKay
Brussels

BRAZIL
"Brasimet" Comercio e Industria S. A.
Rio de Janeiro
Sao Paulo

EGYPT
Textile Improvements Ltd.
Guilford, England

ENGLAND
(For U.K., Spain Portugal)
Metal Traders Ltd.
Asbestos Division
London

FRANCE
Dieppedalle & Seailles
Paris

GERMANY
(For W Germany & Austria)
Atlanta Bauer & Co.
Bremen

GREECE
Textile Improvements Ltd.
Guilford, England

HOLLAND
Keyser & MacKay
Amsterdam

INDIA
Metal Distributors Ltd.

ITALY
Amianto Del Lago
Torino

JAPAN
C. Itoh Co., Ltd.
Tokyo and Osaka

NORWAY
Astrup & Son
Oslo

SWEDEN
Aktiebolaget Ingenirsfirman

TITAN
Stockholm

SWITZERLAND
Keyser & MacKay
Zurich

SOUTHEAST ASIA
Jardine Waugh Ltd.
Singapore

TURKEY
Textile Improvements Ltd.
Guilford, England

ASARCO INTERNATIONAL CORPORATION
A Subsidiary of American Smelting and Refining Company ASARCO

THE HEAT RESISTANCE

of J-M Asbestos Fibre can put your product in the high-temperature zone



Many industries have found asbestos fibre a mineral filler of wide and diverse applications because of its many unique properties . . . particularly its exceptional heat resistance. A standard ingredient in many high-temperature applications . . . flame-proof J-M asbestos fibre resists loss of tensile strength during exposure to high temperature.

Other important properties of J-M asbestos include high tensile strength (greater than an equal thickness of ingot of wrought iron) . . . extreme fineness (a bundle of 1500 asbestos fibres is finer than one human hair) . . . and high bulking action . . . any of which can improve your product. For free literature, write to Canadian Johns-Manville Co., Ltd., Box 1500, Asbestos, P. Q., Canada, or to Johns-Manville Asbestos Fibre Sales, Research and Engineering Center, Manville, N. J.



PLASTICS such as distributor heads have greater heat resistance and dimensional stability, when made with J-M asbestos fibres.



FLOOR TILE has more strength, better processing characteristics and more "give" without cracking with J-M asbestos fibres in the formula.



ASBESTOS-CEMENT PRODUCTS are structurally stronger, more flexible and have more resistance to impact when they contain J-M asbestos.

JOHNS-MANVILLE

THE NAME TO THINK OF FIRST FOR ASBESTOS FIBRE

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/16

BUILDING

Construction remained very strong in June 1963 as total contracts amounted to $4,402,161,000, F. W. Dodge Corporation reported. The month's contract total, swelled by heavy activity in both residential and nonresidential building, was the second highest on record, and 13% above June 1962.

Contracts for buildings of all kinds scored an 18% advance for the month over June 1962. In the nonresidential group, commercial and manufacturing contracts both showed heavy increases. Commercial building, behind 1962's rate at the end of 5 months, spurted ahead with a 22% gain in June. Manufacturing, ahead consistently in 1963 added another gain of 43% in the latest month. Hospitals and public buildings were also up sharply for the month, though educational and science buildings declined 10%. Total nonresidential contracts in June amounted to $1,457,648,000, an increase of 17% compared to the like 1962 month. This brought the year-to-date lead to a solid 9%.

Contracts for residential building totaled $1,966,235,000, up 19% over June 1962, to bring the cumulative gain for 6 months to 10%. Both apartment and single-family building showed strong June-to-June gains, though it should be noted that in 1962, June was not a strong month. Allowing for seasonal difference, the current June home-building total indicates a moderate easing from May's record contract volume.

Public works advanced 12% in June, edging ahead of the 1962 year-to-date total for the first time in 1963. Both road building and sewer projects showed strong contract gains for the month.

Utilities contracts slipped 40% in June and at mid-year stood 15% behind the 1962 volume.

Cumulative totals of construction contracts for the first 6 months of 1963 with percentage changes from the same period of 1962 are; nonresidential building, $7,230,683,000, up 9%; residential building, $10,093,648,000, up 10%; and nonbuilding construction, $5,065,043,000, down 3%—total construction, $22,389,374,000, up 6%.

CLEAN NEW and RECLAIMED FIBRES

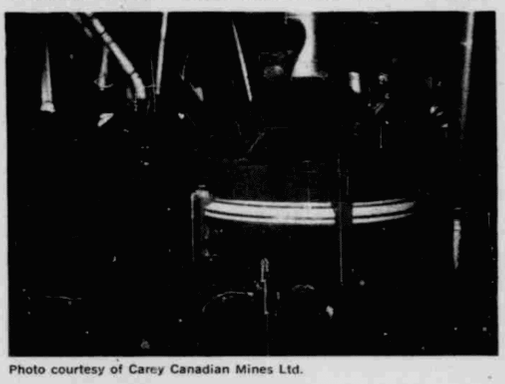


Photo courtesy of Carey Canadian Mines Ltd.

BAUER SPECIFIC-GRAVITY SEPARATORS

Modern asbestos mills and processing plants utilize Bauer Specific Gravity Separators for separating rock and fibres and reclaiming processed fibres. Two models, rated at 1 to 5 T/hr. capacity, use less air than other type cleaners; handle No. 4 to No. 7 fibres.

Fast, efficient removal of small grit, rock particles, blasting wire, wood particles and other kinds of debris. Ask for details.

THE BAUER BROS. CO. SPRINGFIELD, OHIO

IN CANADA: THE BAUER BROS. CO. (CANADA) LTD., BRANTFORD, ONTARIO

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/17

PRODUCTION

AFRICA (Southern Rhodesia)

(Published by Rhodesian Mining and Engineering) *Tons 2,000 lbs.*

	Production	Value
Asbestos: May 1963	11,886,65	£491,866*
May 1962	11,653.42	£600,734*

*Corrected to the nearest £.

CANADA

(Dominion Bureau of Statistics) *Tons 2,000 lbs.*

Producer's Shipments in April 1963 (Quebec)	103,446
Ontario & British Columbia	7,238
	110,684

Total shipments for April 1962 were 102,201 tons.

CANADA

(Dominion Bureau of Statistics) *Tons 2,000 lbs.*

Producer's Shipments in May 1963 (Quebec)	108,876
Ontario & British Columbia	7,736
	116,612

Total shipments for May 1962 were 117,618 tons.

CANADA

(Dominion Bureau of Statistics) *Tons 2,000 lbs.*

Producer's Shipments in June 1963 (Quebec)	103,058
Ontario & British Columbia	8,926
	111,984

Total shipments for June 1962 were 108,124 tons.

Flintkote Six Month Report 1963—Net sales of The Flintkote Company for the first half of this year amounted to $128,934,527 compared with $126,260,683 for the first six months of 1962. Net income totaled $4,498,592 compared to $4,477,023.

Net sales in the second quarter of 1963 totaled $77,258,683 compared with $73,997,333 for the same period a year earlier. Net income was $4,155,693 compared with $3,666,011.

Johns-Manville Six Month Report 1963—Sales of the Johns-Manville Corporation for the first six months of 1963 were $189,099,000, compared with $183,960,000 in the first half of 1962. Earnings were $11,202,000, compared w... $10,881,000.

Sales for the second quarter of 1963 were $111,109,000, compared with $106,006,000 in the second quarter of 1962. Earnings were $8,167,000, compared with $8,046,000.

National Gypsum Six Month Report 1963—For the first half of this year, the National Gypsum Company reported net earnings of $9,558,000 compared to $9,085,000 in the first half of 1962. Sales climbed to a new record of $114,511,000 from $107,676,000.

Net income for the quarter ended June 30th, 1963, rose to $6,909,000 from $6,395,000 in the 1962 second quarter and sales set a new record rising to $68,559,000 from $63,200,000.

Ruberoid Six Month Report 1963—For the six months ended June 30, 1963, The Ruberoid Co.'s net income amounted to $1,147,338 compared to $1,325,310, in the first half of 1962. Net sales were $54,533,086 against $55,872,325.

Net income for the 1963 seceond quarter amounted to $1,346,720, 56% greater than the 1962 second quarter figure of $861,069. Net sales totaled $33,414,268, 11% over the 1962 figure of $30,156,705.

E. A. Boadway named President of Carey-Canadian Mines Ltd.

John W. Humphrey, Chairman of the Board of Carey-Canadian Mines, Ltd., East Broughton Station, P. Q., has announced the appointment of E. A. Boadway as President.

E. A. Boadway joined Carey in 1948 as Manager of the Quebec Asbestos Corporation, then a subsidiary of The Philip Carey Manufacturing Company. In 1953, he was appointed Vice President and General Manager of both the Quebec Asbestos Corporation, East Broughton, P. Q., and The Philip Carey Company, Ltd., Lennoxville, P. Q. He is also a Director and Vice President of The Philip Carey Manufacturing Co. of Cincinnati, Ohio.

Mr. Boadway graduated from the University of California as a mining engineer and prior to joining Carey spent many years in mining on research and exploration. During World War II he served as a pilot with both the R.C.A.F. and U.S. Air Force. He and his family reside at East Broughton Station, P. Q.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/18

IMPORTS & EXPORTS

Imports Into U.S.A.

(Figures by Bureau of the Census)

Unmanufactured Asbestos: — February 1963

	Short Tons
From: Canada	40,692
Republic of South Africa	3,641
Rhodesia & Nyasaland	1,150
Yugoslavia	898
Other Countries	78
	46,459
Valued at: $4,682,830	
By Grades:	
Crude, Blue, Republic of South Africa	956
Crude, Chrysotile, Yugoslavia	898
Rhodesia & Nyasaland	750
Other Countries	3
Crude, Amosite, Republic of South Africa	2,369
Rhodesia & Nyasaland	400
Other Countries	39
Textile Fiber, Canada	951
Other Fibers, Canada	39,741
Republic of South Africa	316
Other Countries	36
	46,459

Manufactured Asbestos Goods:	Quantity (lbs.)	Value
Asbestos Yarn, United Kingdom	23,823	$ 15,886
Other Countries	2,677	4,403
Asbestos Packing, United Kingdom	33,107	18,581
Other Countries	6,292	16,175
Asbestos Shingles (Impreg), Canada	238,146	12,415
Belgium	914,783	141,806
A-C Pipe & Fittings (Not Imp), Mexico	414,820	31,839
Belgium	3,945,923	252,235
West Germany	399,644	17,181
Italy	1,982,859	70,445
Other Countries	91,271	6,642
A-C Mfgs., Other (Not Imp), Canada	353,591	24,593
Other Countries	84,645	3,871
Asbestos Manufactures—Other	..	7,480
	8,491,581	$ 623,552



NOW mined and produced in California

Superior Quality Asbestos Fiber from our New, 13 Million Dollar Copperopolis Plant

GRADED TO ACCEPTED WORLD STANDARDS

Sales Representatives Throughout the World

CONNELL BROS. CO., LTD. 320 California Street San Francisco 4, Calif.
GOLLIN & COMPANY, LTD. Huddart Parker Building P.O. Sq., Wellington, N.Z.
G R A N E L, S. A. Apartado Postal 2580 Mexico 1, D.F., Mexico
GUNNERSEN NOSWORTHY LIMITED Salmon Street Port Melbourne, Victoria, Australia
WILBUR - ELLIS OF CANADA, LTD. 540 Burrard Street Vancouver 1, B. C., Canada

OTHER OFFICES IN:
Seoul, Taipei, Manila, Hong Kong, Bangkok, Saigon, Phnom-Penh, Singapore

A Subsidiary of Jefferson Lake Sulphur Co. . . . One of America's Basic Industries

Jefferson Lake Asbestos Corporation

GENERAL SALES OFFICE
351 CALIFORNIA STREET
SAN FRANCISCO 4, CALIFORNIA

SOUTHERN CALIFORNIA REPRESENTATIVE
WESTERN CHEMICAL & MFG. CO.
3270 E. WASHINGTON BLVD., L.A. 23

Imports Into U.S.A.

(Figures by Bureau of the Census) — March 1963

Unmanufactured Asbestos: — Short Tons

From:	Canada	55,119
	Republic of South Africa	2,164
	Rhodesia & Nyasaland	350
	United Kingdom	272
	Other Countries	106
		58,011
	Valued at:	$5,478,462

By Grades:

Crude, Blue, Republic of South Africa		762
	Other Countries	9
Crude, Chrysotile, Canada		92
	Republic of South Africa	182
	Rhodesia & Nyasaland	350
	Other Countries	56
Crude, Amosite, United Kingdom		142
	Republic of South Africa	1,120
	Other Countries	35
Textile Fiber, Canada		891
Other Fiber, Canada		54,136
	United Kingdom	130
	Republic of South Africa	100
	Other Countries	6
		58,011

Manufactured Asbestos Goods:	Quantity (lbs.)	Value
Asbestos Yarn	18,428	$ 10,555
Asbestos Packing, United Kingdom	41,842	19,990
Other Countries	18,039	18,018
Asbestos Shingles (Impreg), Belgium	575,329	89,417
Other Countries	105,280	6,194
A-C Pipe & Fittings (Not Imp), Belgium	5,239,406	299,381
West Germany	527,808	32,663
Italy	3,202,604	120,839
Other Countries	249,548	13,753
A-C Mfgs., Other (Not Imp)	109,511	8,237
Asbestos Manufactures—Other	..	10,931
	10,087,795	$ 629,978

asbestos cement department

THE **RCM** COMPANY TURIN ITALY

is erecting all over the world automatic and semiautomatic plants and machines for the production and the curing of asbestos cement pipes and sheets according to the international quality standards



has the greatest experience on modern plants

gives the best assistance

RCM TURIN (ITALY) corso Pietro Colletta 85 - Phone 233823-4-5
P.O Box 468

IMPORTS OF ASBESTOS BY UNITED KINGDOM

Raw Materials

Tons 2,240 lbs.

	May 1963
From: Republic of South Africa	1,974
Basutoland, Bechuanaland & Swaziland	701
Rhodesia & Nyasaland	3,978
Canada	8,670
Other Commonwealth Countries & Irish Republic	143
Foreign Countries	87
	15,553

THE ASBESTOS INDUSTRY IN 1962

Mineral Industry Survey from U. S. Bureau of Mines

World asbestos production increased 10% in 1962 compared with 1961. Much of the increase was due to a 25% gain in estimated Russian output from the figure for 1961. Canadian production was 4% higher than in 1961. Asbestos production and value in the United States increased 1% and 8%, respectively, compared with 1961, according to producers' reports to the Bureau of Mines, U. S. Department of the Interior. Vermont Asbestos Mines Division of The Ruberoid Co. continued to supply most of the domestic production. Domestic mines supplied only 7% of United States requirements for asbestos. Apparent consumption of asbestos, according to production and imports less exports, increased 9% compared with 1961. Imports of low-iron spinning chrysotile from British Columbia decreased in 1962; only a small quantity was imported from Southern Rhodesia.

Salient asbestos statistics:	1961	1962
United States—Production (sales)		
Short tons	52,814	53,190
Value (thousand dollars)	4,347	4,677
Imports for consumption (unmfg.)		
Short tons	616,529	676,027
Value (thousand dollars)	58,942	64,150
Exports (unmfg) includes reexports		
Short tons	3,799	2,949
Value (thousand dollars)	759	598
Exports of asbestos products (measured by quantity produced, plus imports, minus exports)		
Value (thousand dollars)	13,825	14,274
Consumption, apparent		
Short tons	665,544	726,268
World—Production		
Short tons	2,770,000	3,055,000

ARIZONA ASBESTOS

Mined and Milled by

JAQUAYS MINING CORPORATION

1219 S. 19th Avenue

PHOENIX, ARIZONA



Producers of Soft, Low Iron, White Chrysotile Crudes and Filter Fibre

MINES AND MILL IN GILA COUNTY

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/21

Exports From U.S.A.

(Figures by Bureau of the Census)

Unmanufactured Asbestos:

February 1963

	Short Tons	Value
To: Canada	18	$ 5,710
France	30	4,290
Italy	20	4,000
Japan	290	38,267
Mexico	22	1,013
Philippine Republic	10	3,616
Switzerland	61	10,065
United Kingdom	20	1,880
West Germany	60	15,078
Other Countries	18	4,442
	549	$ 88,351

Manufactured Asbestos:

	Production	Value
Asbestos Cement & Pipe Covering ..Lbs	311,401	$ 64,700
Asbestos Textiles & Yarn .....Lbs	110,679	98,864
Asbestos Packing .....Lbs	198,227	298,950
Asbestos Clutch Facing .....No	212,592	136,755
Asbestos Bk Lng (Mld & S.Mld) Lin Ft	138,433	68,113
Asbestos Brake Lining, Other .....Lbs	417,890	306,659
Asbestos Construction Material ....Lbs	1,077,221	157,453
Asbestos Manufactures—Other	..	72,886
		$1,204,380

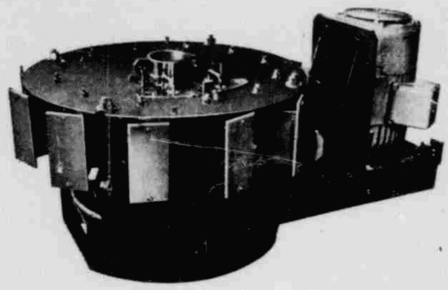
Exports From U.S.A.

(Figures by Bureau of the Census)

Unmanufactured Asbestos:

March 1963

	Short Tons	Value
To: Argentina	9	$ 2,456
Brazil	26	7,758
Italy	27	5,560
Japan	218	24,574
Mexico	60	9,827
United Kingdom	20	1,880
West Germany	43	11,971
Other Countries	8	2,551
	411	$ 66,577



NEW
SIMPLICITY
D'CENTEGRATOR®

gives longer fibres, less fines

In-use tests prove that our new D'centegrator produces longer fibres, a higher rate of recovery and a lower percent of fines than other types of fibrizers. Using horizontal impeller action, this 12-bar unit fibrizes so thoroughly that the long fibres are not "dirtied." It can handle up to 60 t.p.h. of 2" cubical feed.

Simplicity D'centegrators were successfully tested and installed by one of the world's largest producers of asbestos. Write or call to arrange for your own test at our plant. Or send for catalog DC-61 which contains complete information on this low-initial-cost, easy-to-maintain fibrizer.

OTHER MINING INDUSTRY EQUIPMENT: vibrating screens, feeders, grizzly feeders, scalpers, crushers, conveyors.

Simplicity
ENGINEERING COMPANY • Durand 18, Mich.

234

CANADA: Simplicity Materials Handling Ltd., Guelph, Ont.
EXPORT: Brown & Sites, 50 Church St., New York 7, N.Y.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/22

Manufactured Asbestos:	Production	Value
Asbestos Cement & Pipe Covering	Lbs 379,171	$ 90,148
Asbestos Textiles & Yarn	Lbs 124,490	77,023
Asbestos Packing	Lbs 153,774	233,467
Asbestos Clutch Facing	No 345,667	173,165
Asbestos Bk Lng (Mld & S.Mld)	Lin Ft 250,086	114,133
Asbestos Brake Lining, Other	Lbs 571,880	349,632
Asbestos Construction Material	Lbs 2,146,815	331,537
Asbestos Manufactures—Other	..	112,639
		$1,481,744

The City of Oak Ridge, Tennessee has received and is installing the state's first shipment of Flintite asbestos-cement pressure pipe. The City is using 6" and 8" Class 150 pressure pipe in the construction of an extension to its water system. Flintite pressure pipe is produced in the company's newest and most modern asbestos-cement pipe plant, located in Ravenna, Ohio, by ORANGEBURG MANUFACTURING COMPANY, a division of The Flintkote Company.

Woodward Iron Company, Woodward, Alabama, and the **American Smelting and Refining Company** have entered into an agreement to form a new corporation for the purpose of producing asbestos-cement pipe and other asbestos-cement products. The new corporation will operate independently, but its capital stock will be owned by Woodward and ASARCO.

The plant will be located in northeast Alabama, and the first phase of the program is expected to provide employment for approximately one hunderd persons. Engineering is now underway and actual construction will be commenced in the near future. The plant will be designed to provide for future expansion when justified by increased demand for its products.

ASBESTOS FIBRES
ASBESTOS WASTE
Frank G. Ruggles Co. Inc.
12 RECTOR STREET
NEW YORK 6, NEW YORK

GEBR. WEHRHAHN
MASCHINENFABRIKEN
P. O. Box 209
DELMENHORST / GERMANY

Manufacturers of the finest and most modern plants for the production of asbestos-cement products, such as

pressure pipes
socket pipes
flat and corrugated sheets

Projecting — Erecting — Handing over in ready-for-operation condition

Get full information! **Write now!**



Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/23

Exports From Canada

(Published By Dominion Bureau of Statistics)

Unmanufactured Asbestos:

	Short Tons	May 1963 Value
Crude		
United States	3	$ 4,324
United Kingdom	..	..
South America	..	..
Central America & Mexico	..	..
European Countries	15	11,704
Other Countries	..	..
	18	$ 16,028
Milled		
United States	13,843	$ 2,666,396
United Kingdom	3,081	595,607
South America	4,998	859,803
Central America & Mexico	157	25,827
European Countries	14,992	2,697,689
Other Countries	6,694	1,136,960
	43,765	$ 7,982,282
Shorts		
United States	42,961	$ 2,298,614
United Kingdom	2,186	124,482
South America	1,064	79,372
Central America & Mexico	284	21,748
European Countries	7,337	468,285
Other Countries	4,367	320,132
	58,199	$ 3,312,633
Grand Total— Unmanufactured Asbestos:	101,902	$11,310,943
Manufactured Asbestos Goods:		
Brake Linings Facings		$ 23,125
Asbestos-Cement Building Materials		31,456
Asbestos-Cement Products, Other		37,930
		$ 92,511

BURGDORF K.G.
Importer of Raw Asbestos
P. O. Box 1131, BREMEN, GERMANY

Exporters of
RAW ASBESTOS
ALL GRADES—ALL TYPES
C. J. PETROW & COMPANY (PTY.) LTD.
P. O. BOX 11000
RAND CENTRAL — 165 JEPPE STREET
JOHANNESBURG - SOUTH AFRICA
OFFICES ALSO IN: TOKYO (JAPAN) AND BULAWAYO (SO. RHODESIA)

INDUSTRIAL SERVICE COMPANY
Builders of
ASBESTOS CEMENT MACHINERY
Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.
Your Inquiries Are Invited
1-51 Paterson Avenue E. Rutherford, N. J.

INDUSTRY NEWS

HAPPY BIRTHDAY

Richard B. Hazard, Vice President & Director, Raybestos-Manhattan, Inc., Passaic, New Jersey, August 17.

R. J. Tobin, Chief Executive Officer, Tilo Company, Inc., Stratford, Connecticut, August 18.

R. G. Soothill, Chairman, Turner & Newall Limited, London, England, August 19.

C. H. Carlough, President, Carolina Asbestos Company, Davidson, North Carolina, August 20.

George Robinson, Secretary, Johnson's Company Limited, Thetford Mines, Canada, August 30.

Allan E. Daly, Vice President in charge of Automotive Sales, Scandura, Inc., Charlotte, North Carolina, August 31.

Richard W. Hunt, Vice-President, Asbestos Distributors, Inc., Port Chester, New York, August 31.

E. W. Carey, President, Fibreboard Paper Products Corporation, San Francisco, California, September 4.

W. A. Graham, Vice President, H. W. Porter & Company, Inc., Newark, New Jersey, September 4.

Jerry Mitchell, Manager, Thermoid Division, Charlotte Works, H. K. Porter Co., Inc., Charlotte, North Carolina, September 7.

Paul D. Gauer, Vice-President, Arnold Insulations, Inc., Chicago, Illinois, September 8.

F. M. Connell, Chairman of the Board, Cassiar Asbestos Corporation Limited, Toronto, Canada, September 9.

William H. Hill, Chairman, Executive Committee, Baldwin-Ehret-Hill, Inc., Trenton, New Jersey, September 9.

H. William Bentley, Sales Director, Australian Asbestos (Pty) Limited, Marrickville, Australia, September 10.

K. R. MacDonald, Vice President & Director of Purchases, The Ruberoid Co., New York City, September 10.

W. Harold Connell, Vice President & Director, Cassiar Asbestos Corporation Limited, Toronto, Canada, September 12.

James Newton Caws, M.C.A., Director and Secretary, Beldam Asbestos Company Limited, Hounslow, England, September 13.

Robert W. Winson, Manager, Munro Mine, Canadian Johns-Manville Company Limited, Ontario, Canada, September 13.

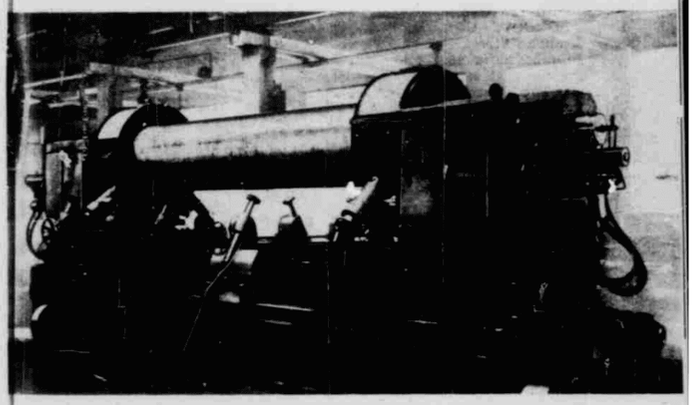
To all these gentlemen we extend congratulations and best wishes on the occasion of their birthdays.

J.M.VOITH A.G.

one of the oldest manufacturers of asbestos-cement machinery are proud to have at their disposal a team of first-class engineers and technicians who are continually engaged in the development, design and construction of the complete machinery for the production and testing of all kinds of asbestos-cement sheets and pipes.

Our engineering staff shun no effort to promote an increasing economy of manufacturing operations in the asbestos-cement industry by continually improving the design of the individual machines and by making their operation largely automatic.

We invite you to avail yourself of the experience of our staff of expert engineers and highly-skilled craftsmen!



Full-automatic pipe turning lathe IIIh turning a pipe of nom. width 800 on the workshop test bench

J.M.VOITH A.G.

St. Poelten-Austria, P.O.B. 168 Tel. 2501, Teletype 01510

Warren J. Nelson has been named as Sales Engineer in charge of Flintite asbestos-cement pressure pipe, gravity sewer pipe, building sewer pipe and irrigation pipe in the Syracuse, New York, sales district of ORANGEBURG MANUFACTURING COMPANY, a division of The Flintkote Company.

William J. Barsh has joined THE ASBESTOS COVERING AND ROOFING COMPANY, INC., Washington, D.C., as General Sales Manager, effective May 1st, 1963, and will specialize in the sale of insulation materials and related items. Mr. Barsh was formerly employed by the Benjamin Foster Company as a sales representative in the mid and southeastern states.

Donald M. Nelson has been appointed General Manager, Pabco Industrial Products Division, of FIBREBOARD PAPER PRODUCTS CORPORATION and will headquarter at 475 Brannan Street, San Francisco 19, California. Mr. Nelson joined Fibreboard in 1936 and has been Director of Overseas Sales for the past several years.

The Pabco Industrial Products Division manufactures and markets industrial insulations.

George Barge has been appointed as Vice President—Finance of ATLAS ASBESTOS COMPANY LIMITED. He had previously been appointed a Director.

Mr. Barge was formerly Vice President—Finance and a Director of Keasbey & Mattison Company. He joined K&M in the company's St. Louis, Missouri, plant in 1934, was transferred to the head office and appointed Assistant Treasurer in 1947, and became Treasurer in 1951. He will reside in Montreal, Canada, location of the Atlas Asbestos head office.

J. J. De Mario, Advertising and Publicity Manager of the Manhattan Rubber Division of RAYBESTOS-MANHATTAN, INC., Passaic, New Jersey, retired, effective July 1st, 1963, after 52 years with the company.

For 10 years, Mr. De Mario was a member of several committees of the American Machinery & Supply Association, serving 8 years as Chairman, and on the Nominating Committee. He was also a member of the Public Relations Committee of The Rubber Manufacturers Association, former Director of the U. S. Trademark Association and charter member of Industrial Marketers of New Jersey.

BELL ASBESTOS MINES LTD.

THETFORD MINES, QUE.

CANADA

Producers of

Raw Asbestos Crudes

& Fibres

Sales Representatives

for

Cassiar Asbestos Corporation Limited

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/26

ASBESTOS STOCK QUOTATIONS

These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.

		July 1963		
	Par	Low	High	Last
Advocate Mines, Ltd.	1	$6.60	$7.20	$6.70
American Brake Shoe	np	51⅛	54¾	51½
Amer. Smelting & Refining (Com)	np	76½	82⅝	78½
Amer. Smelting & Refining (Pfd)	100	159¼	162¼	161⅝
Armstrong Cork (Com)	1	78½	85¾	85¼
Armstrong Cork (Pfd)	np	89¼	92	92
Asbestos Corporation	np	25¼	27	26⅞
Philip Carey	10	24⅛	25¾	25⅜
Cassiar Asbestos Corp.	np	10⅛	11¼	$11.00
Certain-teed	1	13¾	15⅛	14⅝
Fibreboard	np	26⅛	28⅞	26½
Flintkote (Com)	5	20⅛	22⅝	20⅓
Flintkote (Pfd)	np	87	91½	89
Jefferson Lake Asbestos	1	7⅛	7¾	7⅜
Johns-Manville	5	46¼	48⅜	46½
National Gypsum (Com)	1	43½	47⅜	44⅝
National Gypsum (Pfd)	np	101	102½	102
Porter, H. K.	100	97	99½	97¾
Raybestos-Manhattan	np	38¾	41½	40⅞
Ruberoid	1	26⅝	27⅞	27⅛
Seagrave Corp.	2½	10¼	12⅜	10⅞
Unarco Industries	5	10⅛	13¼	13
United Asbestos	1	$3.05	$3.35	$3.10
U. S. Rubber (Com)	5	44	46½	45⅛
U. S. Rubber (Pfd)	100	163½	165¼	165¼

Victor V. Blasutta, Director of the Hydrodynamics Research Center of AMERICAN BRAKE SHOE COMPANY since 1959, has been appointed Vice President and General Manager of the Denison Engineering Division of American Brake Shoe. He joined Denison in 1940 and was named Vice President and Director of Engineering in 1953.

Wilfred S. Bobier, formerly Chief Engineer and Assistant to Mr. Blasutta, has been named Director of the Research Center. He joined the research center staff in 1961 following several years experience in the hydraulics field.

The Research Center and the Denison headquarters and main plant are all located in Columbus, Ohio.

For the beneficiation of asbestos ore,
Modern HAZEMAG Impact Crushers
(Andreas System)



- Fiber-length protective opening of ore and crude.
- Opening of pressed asbest...

Modern HAZEMAG Rapid-Dryers
(Andreas System)



for drying pre-crushed asbestos-ores of various moisture-contents with fibre-selecting effect.

HAZEMAG mbH., Münster/Germany, P.O.B. 576
Our New York Office:
HAZEMAG USA Inc., New York 17/N.Y.
122 East 42nd Street

Canada: Joy Manufacturing Company Ltd.
75 Beverly Street, Galt, Ontario

USA: Joy Manufacturing Company
333 Oliver Building, Pittsburgh 22, Pennsylvania

Australia: Noyes Bros. Pty. Ltd.
P.O.B. 1587, G.P.O. Sydney

South Africa: Industrial Machinery Supplies Pty. Ltd.
P.O.B. 9653, Johannesburg

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/27

CURRENT RANGE OF PRICE

As of August 10, 1963

ARIZONA— Per Ton of 2,000 lbs., f.o.b. Globe, Arizona

No. 1 Crude (soft)	$1,475.00 to	$1,650.00
No. 2 Crude (soft)	800.00 to	1,000.00
Group No. 3 (Non-Ferrous Filtering & Spinning)	425.00 to	450.00
Group No. 4 (Plastic & Filtering)	385.00 to	400.00
Group No. 5 (Plastic & Filtering)	225.00 to	375.00
Group No. 7 (Refuse & Shorts)	*58.00 to*	*90.00*

CANADA— Per Ton 2,000 lbs. f.o.b. Mine Canadian Currency

Group No. 1 (Crude No. 1)	$1,410.00 to	$1,475.00
Group No. 2 (Crude No. 2); Crude Run-of-Mine and Sundry	610.00 to	875.00
Group No. 3 (Spinning Fibre)	350.00 to	650.00
Group No. 4 (Shingle Fibre)	180.00 to	245.00
Group No. 5 (Paper)	120.00 to	150.00
Group No. 6 (Waste, Stucco or Plaster)	..	86.00
Group No. 7 (Refuse or Shorts)	40.00 to	80.00

VERMONT— Per ton of 2,000 lbs. f.o.b. Mine (U.S. Dollars—converted to Canadian equivalent)

Group No. 3 (Spinning & Filtering)	*$ 345.00 to*	*$ 402.00*
Group No. 4 (Shingle Fibre)	181.00 to	320.00
Group No. 5 (Paper Fibre)	120.00 to	142.00
Group No. 6 (Waste, Stucco or Plaster)	.. to	86.00
Group No. 7 (Refuse or Shorts)	*40.00 to*	*75.00*

CASSIAR— *Per Ton of 2,000 lbs., f.o.b. Vancouver, B. C.* Canadian Currency

AAA grade (non-ferrous spinning fibre)	$	787.00
AA grade (non-ferrous spinning fibre)		625.00
A grade (non-ferrous spinning—Canadian Group 3)		470.00
AC grade (asbestos cement—Canadian Group 4)		325.00
AK grade (shingle fibre—Canadian Group 4)		220.00
AS grade (shingle fibre—Canadian Group 4)		181.00
AX grade (shingle fibre—Canadian Group 5)		142.00

asbestos

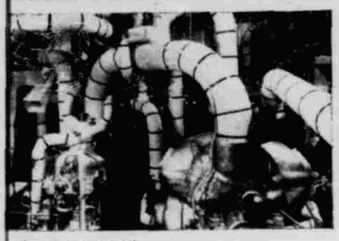
chrysotile, crocidolite and amosite fibres for:

Asbestos-Cement



Friction Materials





Insulation Materials



Asbestos Textiles

from Britain's largest distributors

Turners Asbestos Fibres Ltd

Asbestos House, 77/79 Fountain Street, Manchester 2, England
Cables: VULBESTON, MANCHESTER Telephone: CENtral 9381
A member of the Turner & Newall Group

TN 2/16

ASBESTOS PATENTS

Abstracts of U. S. Patents on Asbestos and Asbestos Products by Oliver S. North.

Copies of patents can be obtained by sending 25 cents, (in coin), to The Commissioner of Patents, Washington 25, D. C., giving the patent number, date it was issued, name of patentee and name of invention.

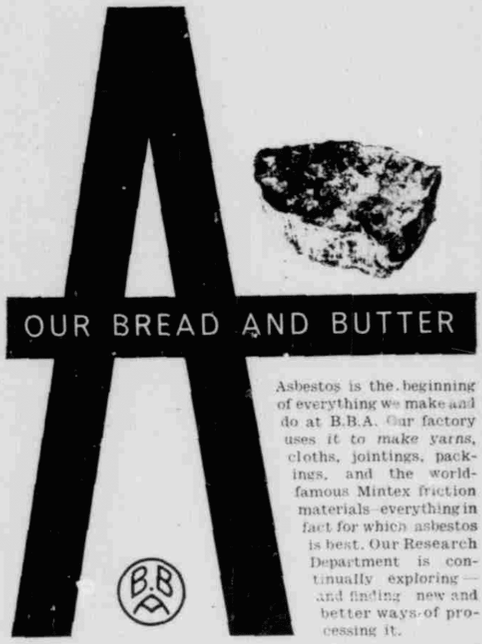
Wall Plasters and Their Preparation, No. 3,057,742. Granted on October 9, 1962, to K. G. Cunningham and A. G. Baillie (assigned to Imperial Chemical Industries Limited, London, England). A dry gypsum-lime plaster mixture consists of about equal parts of dry hydrated lime and retarded calcined gypsum, 0.2-1% of a cellulose ether, and optionally asbestos fibre or other fibrous material and expanded perlite or other suitable aggregate. When mixed with water, this material is suitable for use without any maturing period.

Film Forming Composition, No. 3,057,744. Granted on October 9, 1962, to G. D. Barbaras (assigned to E. I. du Pont de Nemours & Company, Wilmington, Delaware). Process for making film-forming compositions from anisodiametric particles of colloidally dispersed chrysotile asbestos fibre. For example, No. 2 Arizona white chrysotile fibre was ball milled with an alkali-stabilized silica sol, and the dispersion thinned and used as a semi-transparent, shiny, hard, flameproof coating on paper.

Electrolytic Cell Diaphragm, No. 3,057,794. Granted on October 9, 1962, to W. W. Carlin (assigned to Pittsburgh Plate Glass Company, Pittsburgh, Pennsylvania). Method of forming a halogen-impregnated, brine-impervious asbestos diaphragm for use between the anode and the cathode in an electrolytic cell used in the production of an alkali metal hydroxide.

Flexible Asbestos-Cement Products, No. 3,058,872. Granted on October 16, 1962, to D. A. Feigley, Jr. and W. M. Hawkins (assigned to Armstrong Cork Company, Lancaster, Pennsylvania). In the production of water-laid sheets having good tensile strength and wherein the cement is in a non-hydrated condition, an aqueous slurry of portland cement, asbestos fibre, and silica is passed to the drainage wire of a sheet-forming machine, the resulting sheet de-watered, and the de-watered sheet dried to a moisture content of less than 5 per cent. The elapsed time between forming of the slurry and drying of the sheet is held to less than 6 hours so as to prevent hydration of the cement. Optionally, 0.5-5% of a rubber latex is added to the slurry.

Method For Locking of Pipe Sections, No. 3,059,697. Granted on October 23, 1962, to W. A. Pitts (assigned to Jersey Production Research Company, Tulsa, Oklahoma). A composition for locking together sections of pipe in oil-well drill holes consists of an



Asbestos is the beginning of everything we make and do at B.B.A. Our factory uses it to make yarns, cloths, jointings, packings, and the world-famous Mintex friction materials—everything in fact for which asbestos is best. Our Research Department is continually exploring—and finding new and better ways of processing it.

British Belting & Asbestos Ltd.

CLECKHEATON · YORKSHIRE · ENGLAND

Published by AsbestosClaims.Law
asbestosclaims.law/library/12556/29

epoxy resin, a catalytic hardening agent, an inert granular material, and 4-5% of asbestos fibre as a matting material.

Production of Asbestos Slurries, *No. 3,062,701. Granted on* November 6, 1962, to I. J. Novak (assigned to Raybestos-Manhattan, Inc., Passaic, New Jersey). In the preparation of flocked unit fibered asbestos for use in conjunction with cellulose fibers in the manufacture of paper, chrysotile asbestos fibre agglomerates are admixed with an aqueous solution of a suitable colloidizing agent, the resulting temporary colloidal dispersion treated with a particulate filler, and the mixing continued until the dispersion reverts in situ to a nominal clotted unit fibre form.

Paving and Surfacing Composition, *No. 3,063,853. Granted on* November 13, 1962, to G. Sucetti. A plastic paving or paving patching composition consists of (1) a stable, mixing type bituminous emulsion, (2) a dense aggregate, (3) sodium carboxymethylcellulose, (4) basic aluminum acetate, and (5) asbestos fibre and fines, preferably asbestos of the type found in Napa County, California.

RUBBER RINGS

SpA Intermarp (ITALIA)

via PO • TRECATE • (NOVARA) ☎ 71670

Specialized in the manufacture of

HIGH QUALITY RUBBER RINGS

for all types of joints for asbestos-cement pipes.

Suppliers of the largest manufacturers of asbestos-cement pipes in Europe.

R/M LAGGING CLOTHS TRIM POUNDS AND DOLLARS FROM INSULATION JOBS



R/M Lagging Cloths reduce both the weight and cost of shipboard and steamplant insulation; offer high tensile strength and excellent ravel resistance. Cloths coated with our SRC finish require only one paint application for a good appearance. R/M weaves all of the asbestos cloths described by Federal Specifications SS-C-00466d (Navy-Ships). Write for samples and complete information.

RM

ASBESTOS TEXTILE DIVISION

RAYBESTOS-MANHATTAN, INC.

Manheim, Pa.

SPECIALISTS IN ASBESTOS, RUBBER, ENGINEERED PLASTICS, SINTERED METAL

ASBESTOS — TEXTILES



H. K. PORTER COMPANY, INC.

THERMOID DIV., CHARLOTTE WORKS

CHARLOTTE 1, N. C.