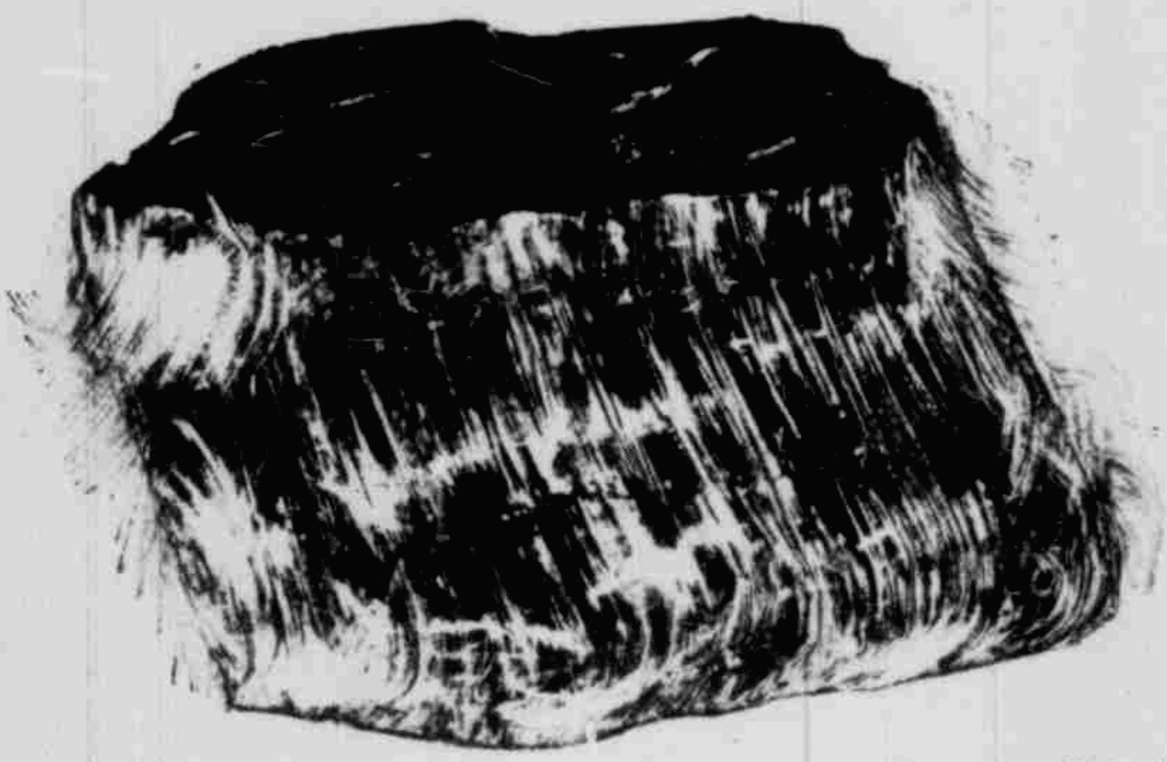
ASBESTOS



Canadian Crude

Courtesy Asbestos Corporation Limited

APRIL 1965

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/1

THE
PUTTEN'S ASBESTOS CORP.
ORGANIZATION

All types and grades

RHODESIAN AND SOUTH AFRICAN
ASBESTOS FIBRES
CHRYSOTILE — CROCIDOLITE (BLUE)
AMOSITE — MONTASITE

HEAD OFFICE: PUTTEN'S ASBESTOS CORPORATION OF SOUTH AFRICA (PTY.) LTD.
Rand Central Building, 165 Jeppe Street, Johannesburg.
P.O. Box 7167 — Telephone: 22-8225
Tel. Add. "Euraf Johannesburg", Telex: J.7577

ASSOCIATED COMPANIES: PUTTEN'S ASBESTOS CORPORATION OF RHODESIA (PVT.) LTD.
Throgmorton House, corner Jameson Ave./Kingsway,
Salisbury/Rhodesia.
P.O. Box 2246 — Telephone: 29379
Tel. Add. "Euraf Salisbury"

NEW ADDRESS: PUTTEN'S ASBESTOS CORPORATION (U.K.) LTD.
3/4 Bevis Marks, St. Mary Axe, London, E. C. 3.
Tel. Add. "Euraf London", Telex: 28202, Tel. AVE 1091

"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 46 APRIL 1965 Number 10

CONTENTS

	Page
GEMINI USES J-M INSULATION	2
CASSIAR TO DEVELOP CLINTON CREEK	8
AUTOMOBILE SALES	16
BUILDING	18
MARKET CONDITIONS	20
PRODUCTION	26
IMPORTS & EXPORTS	28
INDUSTRY NEWS	32
ASBESTOS PRICES	44

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 1965, Maud M. Stover, Trustee, Trust of C. J. Stover

Gemini Uses J-M Insulation

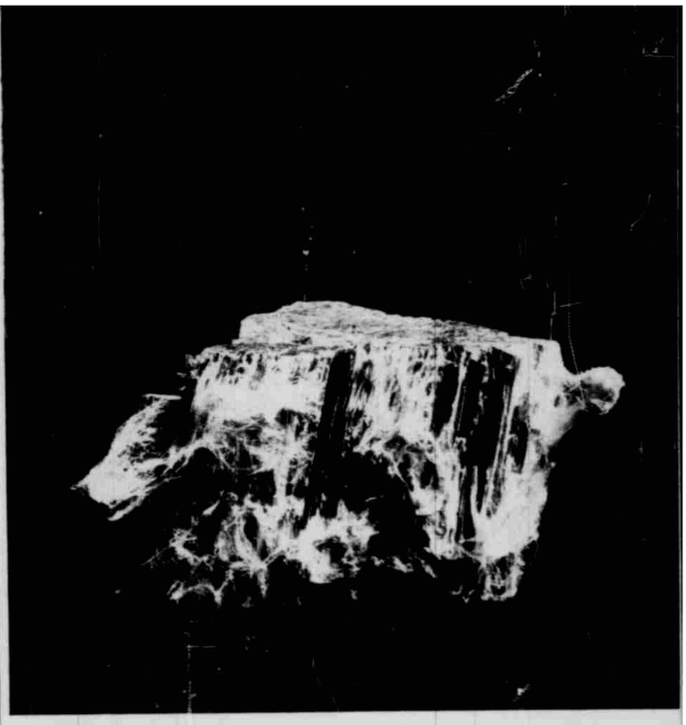
Providing thermal insulation for the Gemini spacecraft proved a more complex problem than earlier flights. According to Johns-Manville, whose insulations were specified by McDonnell Aircraft Corporation and NASA for both the Mercury and Gemini spacecraft, temperatures expected from aerodynamic heating during both liftoff and reentry of the Gemini were to be considerably higher than experienced during Mercury flights, and in the case of reentry would persist for a longer period of time.

These higher temperatures and longer time result from the shallower reentry angle utilized for Gemini, in order to achieve more aerodynamic lift on the craft and allow it to be maneuvered during reentry by firing various combinations of the eight small reentry control rockets mounted in the narrow trailing reentry control module of the spacecraft. In addition, temperatures expected on the leading edge of the heat shield, which itself is separated from the spacecraft structure by J-M thermal insulations, would be much higher during reentry as a result of the greater size and weight of the cabin and reentry control module.

Specifically, a maximum of 1300°F was experienced at the hottest point on the metal skin of the Mercury spacecraft during reentry. McDonnell engineers had estimated this temperature would go to almost 1800°F when Astronauts Grissom and Young fired their retrorockets and initiated Gemini reentry. Interior cabin temperatures were expected to go no higher than about 120°F during the severest outside skin heating conditions.

Cooling of the oxygen circulating through the astronauts' space suits and the cabin interior were accomplished during reentry by an environmental control system located just inside that portion of the skin covering the conical part of the reentry cabin that experienced maximum aerodynamic heating. At this point thermal protection was accomplished by one and one-half inches of J-M insulation used to insulate the ablative heat shield from the cabin structure.

One interesting application of thermal insulation is to



asbestos...pure but not simple

. . . is the business of Asbestos Corporation Limited. The world's oldest and most experienced producer of asbestos, ACL can provide fibres for every conceivable application – from textiles and asbestos-cement products to fillers for paints and plastics. The mines and mills of the largest independent primary asbestos miner produce a variety of grades and qualities which enable ACL to satisfy your most exacting demands. All fiber from the longest to the shortest grades, as well as our exclusive wet-milled grades, are quality-controlled to the highest standards of the industry. If you have a process, project or product which involves asbestos, deal with the specialists – Asbestos Corporation Limited.

ASBESTOS CORPORATION LIMITED
Thetford Mines, Quebec
ASBESTOS

protect the docking bar, or "gun sight" used by the astronauts to line up their craft with the funnel-shaped docking collar in the Agena during the rendezvous planned for later flights. The insulation isolates the pyrotechnic device used to shoot the docking bar away from the rendezvous and recovery module.

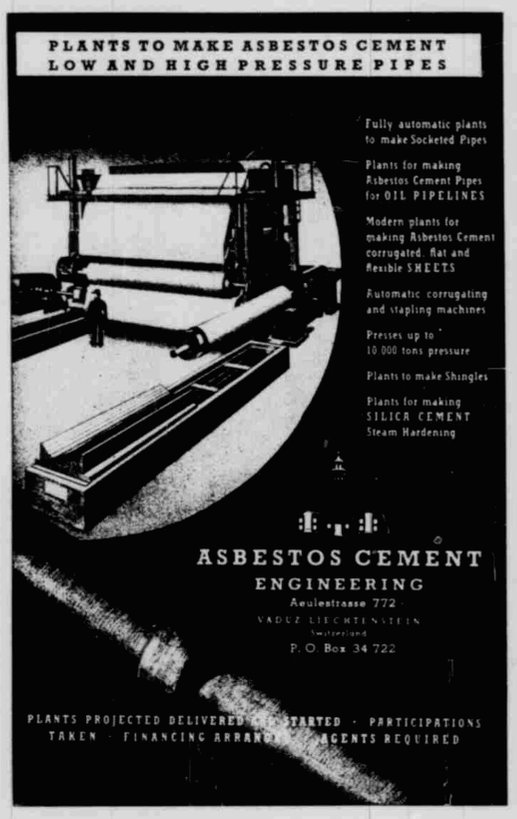
Thermal insulations specified for use in the Gemini have been proved by successful performance during the Mercury program. Two materials developed by the Aerospace Products Department of Johns-Manville were used, Min-K and Thermoflex Felt.

Min-K, with a thermal conductivity less than that of still air was utilized in two forms. These are a rigid, molded type, Inconel-encased, providing maximum protection in the most critical areas where a bulky material cannot be used, such as along the structural ribs that are separated from the outer skin by this material and around the numerous apertures for windows and hatches. In less critical areas, a flexible form of Min-K, enclosed in a heat-resistant woven silica cloth was used, such as to protect the docking bar pyrotechnic described earlier.

Thermoflex Felt, a blanket-like fluffy material formed from ceramic fibers, offers high resistance to the passage of both heat and the noise experienced during lift-off. This material was most frequently used in the Gemini structure to fill the spaces between inner and outer skins, much as insulation in a home is placed between inner and outer walls. In this application it acts to isolate the astronauts' cabin from extreme exterior skin temperatures and to reduce the load on the environmental control system that would result from any rapid changes in cabin temperature.

Extremes of skin temperature can lie simultaneously on both ends of the thermometer, with the highs of lift-off and reentry resulting from aerodynamic friction, contrasted during orbital conditions by the fabled bitter cold of outer space experienced on the dark side of the spacecraft while at the same moment the opposite side is heated by the burning rays of the sun, unobstructed by the blanketing effects of the earth's atmosphere.

Thermoflex was also used to separate the McDonnell-fabricated ablative heat shield from the large pressure



Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/4

bulkhead lying immediately in back of the astronauts' contour couches. Thermal efficiency of the insulations used can be indicated by the fact that at its point of severest skin heating, immediately below the astronauts' couches and protecting the cabin environmental control system, only one-half inch of molded Min-K separates structural ribs from outer skin, and one and one-half inch of J-M Thermoflex Felt insulates inner wall from outer skin.

NICOLET—Mr. Guy George Gabrielson, Jr., President of Nicolet Industries, Inc., recently announced the construction of additional facilities at their executive offices and research laboratories located in Florham Park, New Jersey. The addition will double the present space available for corporate offices and laboratory facilities and will evidence the fact that a nationwide recruiting campaign during the last three years has increased Nicolet's Florham Park staff by more than 100 per cent. This building addition, scheduled for occupancy in October of this year, is required to implement plans for the expansion of Nicolet's business over the next five years. The new facility will incorporate into its construction several of the company's products. One of these products is an unusual one-ply roofing material which combines Nicolet's asbestos elastomeric felts with Hypalon, a synthetic rubber. This new product has proven to be particularly suitable for free-form roof designs; its great flexibility permits it to conform readily to new and exotic roof shapes. Curtain-walls and window sills will be fabricated from Nicolet's Monolithic KolorMate product, while flooring will be vinyl applied to Nicolet's asbestos floor covering base.

Nicolet Industries built their present facilities, at Nicolet Avenue and Hanover Road in Florham Park, in 1957, moving at that time from New York City.

ASTM—The 68th Annual Meeting of the American Society for Testing and Materials will be held at Purdue University, Lafayette, Indiana, June 13th through 18th, 1965.

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

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/5

Cassiar To Develop Clinton Creek

Cassiar Asbestos Corporation Limited plans to proceed immediately with financing to provide funds to bring the Clinton Creek mine into production at the earliest possible date. Authorized capital has been increased and negotiations resulted in an arrangement subject to ratification for the issue of 775,000 shares of capital stock. The proposed issue would be allotted as follows: Bell Asbestos Mines Limited—625,000 shares; James Hardie Asbestos Limited—75,000 shares; and, Raybestos-Manhattan, Inc.—75,000 shares.

Bell Asbestos, a member of the Turner & Newall Limited group of companies, is and has been since commencement of operations, sales agent for Cassiar. In addition, the T&N group of companies are major purchasers of Cassiar's fibre.

James Hardie are large manufacturers of asbestos-cement products in Australia and New Zealand and are major customers for the purchase of Cassiar's fibre.

Raybestos-Manhattan have been the largest consumers of Cassiar spinning fibres since commencement of operations and have been closely associated with the technical development of these grades.

The investment by these companies in the shares of Cassiar will insure a substantial market for Cassiar's products including long term arrangements for increased sales designed to coincide with production from the new mine.

The demand for asbestos fibre in 1965 has exceeded expectations and the Cassiar mine will run at full capacity throughout the year. Forecasts of future growth in the asbestos-cement industry indicate that no time should be lost in establishing a new source of fibre to meet the growing market. The Clinton Creek property will provide an excellent asbestos-cement fibre, allowing the Cassiar mine to conserve its very valuable spinning grades. Sufficient ore has been indicated at Clinton Creek to warrant proceeding with plans for production which is expected to commence in 1968 at an initial annual rate of 40,000 tons of fibre. Diamond drilling and other exploration work designed to determine the ore potential in the southwest extension of

CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE
Norbestos (via Warwick)
Que.

Address Inquiries to:

NICOLET INDUSTRIES, INC.

ASBESTOS FIBRE DIVISION

Nicolet Avenue

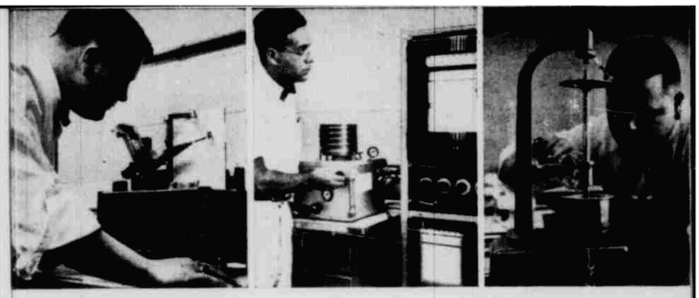
Florham Park*, New Jersey

*Suburb of New York City.

the orebody as well as other areas in the immediate vicinity of the mine and the proposed plant site will be continued in 1965.

CAPOSITE PLUS, moulded asbestos fibre pipe covering, has been introduced by *Cape Insulation and Asbestos Products Limited*. A more robust and greatly improved product, it replaces the well-known, extremely durable Caposite moulded pipe sections used for many years throughout industry for thermal insulation of steam and oil pipework. Caposite Plus maintains all the best qualities of strength handleability and insulation value for which Caposite has long been liked and trusted and offers the following advantages (with no price increase): 25% higher limiting temperature of 1250°F (677°C); much greater mechanical strength giving even better handling properties on site and in transit; negligible linear shrinkage of less than 1% after 24 hours at 1200°F; and, improved insulation value at higher temperatures. Caposite Plus is manufactured from bonded and reinforced long fibred amosite asbestos and has been designed and developed to meet the demands of modern pipework installations operating for maximum efficiency at very high temperatures and pressures. It is equally efficient at all operating temperatures, could well outlast the pipework to which it is applied, and can be removed and replaced as often as necessary and cut to fit special shapes.

ROCKSIL FLOOR WARMING SLAB, a new product designed especially for electrical floor warming systems, has been introduced by *Cape Insulation and Asbestos Products Limited*. Rocksil Floor Warming Slab is a product into which has been built all the properties required for this application: high resistance to compression; excellent thermal conductivity; high limiting temperature; grade 1 rating for sound insulation; complete stability under all conditions; factory-applied building-paper covering with overlaps for quick and easy screeding; and, very economical in price and application. Technical information is available on Data Sheet TDR(B)525.



LAKE ASBESTOS RESEARCH,

BOTH BASIC AND APPLIED, CONTINUES TO DEVELOP NEW KNOWLEDGE CONCERNING CHRYSOTILE ASBESTOS. THIS HAS LED TO THE DEVELOPMENT OF GRADES ESPECIALLY DESIGNED TO MEET CUSTOMERS' REQUIREMENTS. A LETTER OUTLINING YOUR REQUIREMENTS WILL HAVE OUR PROMPT ATTENTION.

LAKE ASBESTOS

LAKE ASBESTOS OF QUEBEC, LTD., 120 BROADWAY NEW YORK, N.Y. 10005

SALES AGENTS

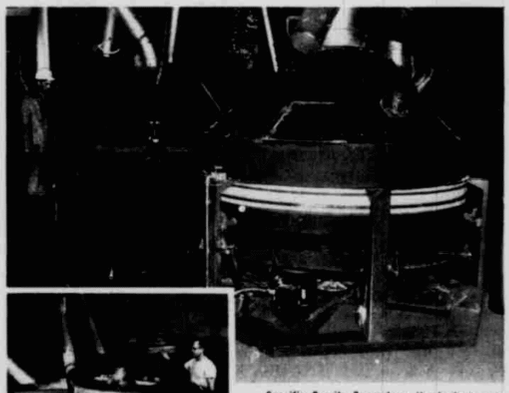
Argentina, Buenos Aires
"Insud" Cia Sudamerica de Industrio Y Comercio S.A.
Brazil, Rio De Janeiro, Sao Paulo
"Brasumet Comercio e Industria S.A.
California, Los Angeles
E. B. Taylor Company
California, San Francisco
E. M. Walls Company
Canada, Montreal
Federated Metals Canada, Ltd.
Canada, Toronto
Federated Metals Canada, Ltd.
Colombia, Barranquilla
Holanda, Colombia, S.A.
Colorado, Denver
Van Waters & Rogers, Inc.
Florida, Largo
Gulf Coast Chemical Corporation
Illinois, Chicago
Fred A. Jensen & Associates, Inc.
Massachusetts, Allston
D. H. Litter & Co., Inc.
Mexico, Mexico City
Cia. Minera Asarco, S.A.
Michigan, Detroit
Baker & Collinson
Minnesota, Minneapolis
Industrial Chemical & Equipment Co.
Missouri, St. Louis
Harry A. Bagmidark & Company
New York, Buffalo
Buffalo Solvents & Chemicals Corp.
New York, New York
D. H. Litter & Co., Inc.
Ohio, Cleveland
A. C. Mueller Co., Inc.
Oregon, Portland
Van Waters & Rogers, Inc.
Pennsylvania, Conshohocken
Van Horn, Metz & Co., Inc.
Texas, Houston
Coan Chemical Corp.
Utah, Salt Lake City
Van Waters & Rogers, Inc.
Washington, Seattle
Van Waters & Rogers, Inc.

A SUBSIDIARY OF AMERICAN SMELTING AND REFINING COMPANY ASARCO

JOHNS-MANVILLE has initiated an informative campaign to protect the *Transite* trademark, used to identify its particular brand of asbestos-cement products. Such products include many forms of pipe, structural sheets and a variety of other products formed under heat and pressure from a mixture of asbestos fiber, cement and silica. J-M is concerned that adoption of the Transite trademark by industry as a standard for quality and performance might encourage use of the trademark as a descriptive, generic term to identify all asbestos-cement products. The campaign, initiated with a series of colorful postcard size mailers, requests that people using the term Transite either capitalize the entire word, or use an initial "T". The mailing will go out to rehandlers and other buying factors involved in specifying installing or using Transite asbestos-cement products.

ASBESTOS/ASPHALT FILM—A new full color film produced by *Johns-Manville Corporation* features the use of asbestos fiber in the paving industry. Entitled "Modern Paving Techniques with Asbestos Fiber and Asphalt Mixes", the 16mm film runs for 21 minutes. It deals with the enormous stresses our complex network of roads and highways are subjected to by weather and modern vehicular traffic, and illustrates ways in which asphalt paving may be improved by the addition of small percentages of asbestos fiber to the mix. The simple method in which fiber is added, the speed and ease of pavement and curbing placement, and the fact that asbestos-asphalt pavement is ready for traffic immediately after rolling, are stressed. The successful application of asbestos asphalt thin overlays in various test locations is pointed up through testimonials.

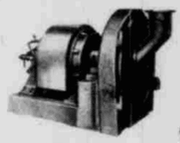
JOHNS-MANVILLE has published a new fact sheet, TR-385A, which describes the advantages of using Transite asbestos-cement telephone duct, and illustrates the various methods of installing it. It clearly and concisely demonstrates savings in material costs, installation costs, and maintenance costs available through specifying Transite telephone duct, including seven specific ways of cutting down conduit bank construction.



Specific Gravity Separators. Hundreds in use, separating rock and fibers, reclaiming processed fibers, removing grit, blasting wire, particles of rock and wood, etc. Handle No. 4 to No. 7 fibers. Two sizes. Capacity 1 to 5 tons per hour. Use less air than other cleaners.



Hurricane Pulverizer-Classifiers. 3-in-1 action upgrades tailings for fillers. Superfine particle reduction (150 to -1 micron), accurate classification and optional impurity extraction. Two sizes, up to 125 HP.



Single Revolving Disc Mills. Economy and efficiency in wet grinding, reducing coarse particles, deflocking fiber bundles in asbestos slurries, etc. Four sizes, up to 200 HP.



Fiber Classifier. For wet classification of organic and non-organic fibers. Quebec Asbestos Mining Association has set up test methods using this unit to determine size, length, distribution and dust content of fibers.

BAUER

Write for literature

THE BAUER BROS. CO.

Springfield, Ohio 45501 / Brantford, Ontario

Bauer International, Inc., Tokyo, Japan / Paris, France

SRI LANKA ASBESTOS FACTORY, Ceylon, held its grand ceremonial opening on December 5th, 1964. This fully-automatic plant is equipped with a modern heavy-duty sheet machine with a combined corrugating machine for two profiles, *Big Six* and *Big Three*, as well as with a side conveyor for production of flat sheets. The sheets, together with the corrugated steel moulds, are automatically stacked and after the drying process are automatically separated. At the same time the corrugated steel moulds are automatically cleaned and lubricated. The plant, which belongs to one of the most modern plants in the world, was delivered and started by Messrs. GEBR. WEHRHAHN, Maschinenfabriken, Delmenhorst, Germany.

THE EAGLE-PICHER COMPANY has just issued the 1965 Catalog of its complete line of High Temperature Fibers, Boards, Sheets and Insulations. This very informative catalog contains a considerable amount of data and specification information that will interest many of our readers.

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)

The **R. C. M. Company** *- known all over the world as a Firm highly specialized in the manufacture of equipments for the production of asbestos-cement pipes and sheets - make available their own experience for the solution of the following problems:*

- *dust elimination in asbestos departments*
- *pneumatic transport and ensilage of cement*
- *automatic preparation of asbestos mix*
- *hydrodesintegration of asbestos with patented process*
- *automatic preparation of slurry with turbomixer*
- *centralized recording of asbestos and cement weighings*
- *pipe curing by means of roller conveyor*
- *automatic sheet corrugation and quick maturing of them*
- *modernization of pipe machines with two forced feeded sieve cylinders.*

R. C. M.

85, Corso Pietro Colletta - TORINO (Italy) - P. O. Box 468

Cable Address: Erciem Torino - Phone: 233823/4/5 - 284837 - 284797

Published by AsbestosClaims.Law

asbestosclaims.law/library/12576/9

AUTOMOBILE SALES—The Automobile Manufacturers Association, Detroit, Michigan, has issued the following statistics of motor vehicle factory sales from plants in the United States for JANUARY 1965 — total 936,687 (passenger cars 798,098; trucks and buses 138,589). The total for January 1964 was 859,614.

HANDBOOK OF ASBESTOS PRODUCTS—A booklet outlining general information about Quebec's asbestos mining industry and asbestos building products available from Canadian manufacturers has just been prepared for exhibitors and participants in Montreal's 1967 Universal and International Exhibition. The bilingual (French and English) brochure is jointly published by the Quebec Asbestos Mining Association and Canadian asbestos product manufacturers. Some 1500 copies of the attractive 48-page book will be distributed by Expo 67 authorities to architects, consulting engineers and to owners of Pavilions to be erected on the Ile Sainte-Helene complex. Further copies are being made available to Canadian architectural firms and consulting engineers by the publishers. As well as providing a complete listing of asbestos construction materials, the booklet also provides physical and performance data in addition to the relevant C.G.S.B., C.M.H.C. or C.S.A. specifications for the asbestos-based materials, produced by four Canadian manufacturers. A preface to the booklet describes Quebec's role as the supplier of 40% of the world's annual 3,100,000-ton raw asbestos production. Eight asbestos mines are located in the Province, in the Asbestos and Thetford Mines areas of the Eastern Townships region.

POLYREZ ®
Phenolic & Cashew Resins
Cashew Dusts & Polymers
POLYREZ COMPANY, INC.
RAILROAD & SO. COLUMBIA WOODBURY, N.J.

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/12576/10

BUILDING—F. W. Dodge Company, a division of McGraw-Hill, Inc., contract statistics for future construction projects reported in FEBRUARY 1965 showed a promising seasonally adjusted increase from January's rate. Total February construction contract value was $3,222,555,000, one per cent above February 1964. Both commercial and industrial building contracts continued to show good gains and these were backed by some really large increases in roadbuilding and utility construction. Also there was a strong increase in apartment building and nonhousekeeping residential buildings, including dormitories which reflects the growing need for living quarters created by sharply rising college enrollments. Nonbuilding construction contracts increased, especially for streets and highways, electric utilities, and dams. Individually large projects figured importantly as two big new electric generating plants and a large dam project reached the contract stage.

A breakdown of the total February 1965 figure, with percentage changes from February 1964, is as follows: nonresidential building, $1,059,996,000, down 2%; residential building, $1,299,379,000, down 9%; and nonbuilding construction, $863,180,000, up 25%.

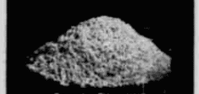
NATIONAL GYPSUM's 72 plants, together with distribution warehouses and facilities, effectively service customers in all major markets throughout the country. This network produced and shipped more than 7,000,000 tons of building materials and industrial products in 1964.

ASBESTOS-CEMENT INDUSTRY, throughout the world, is continuing to expand. This is evidenced by the encouraging number of machines that are being installed and new plants that are to be constructed in the next 3 or 4 years. It would appear that the imbalance between consumption and productive capacity, which has plagued the industry for a number of years, is coming to an end.

CHECK THE PLUS FACTORS OF THIS-7RF FLOAT!



Sample, Carey-Canadian Fibre



Sample, Fibre "X"

1. UNUSUAL WHITENESS
2. LOW IRON CONTENT
3. GRIT-FREE
4. UNIFORM FIBRE LENGTH
5. HIGH FIBRE VALUE
(90% on 100 mesh)

Carey-Canadian's 7RF-9, available in commercial quantities, has proved to be of extreme interest to resin compounders, joint cement manufacturers and others seeking an asbestos float with the above properties.

Samples and complete information on Carey-Canadian 7RF-9 floats may be obtained from the warehouse locations listed below or by writing to Carey-Canadian Mines, Ltd., P.O. Box 15095, Lockland; Cincinnati, Ohio 45215, or The Philip Carey Company, Ltd., Ville St. Laurent, Montreal 9, P. Q., Canada.

Carey®

Warehouse stock located at:

Baltimore, Md.	A. B. Kohl Sales Company
Brooklyn, N.Y.	Empire Ace Insulation Mfg. Company
Brooklyn, N.Y.	Smith Chemical & Color Company
Buffalo, N.Y.	Commercial Chemicals, Inc.
Chicago, Ill.	Chicago Firebrick Company
Cleveland, Ohio	Donald McKay Smith, Inc.
Dallas, Texas	Thompson-Hayward Chemical Company
Davenport, Iowa	Thompson-Hayward Chemical Company
Des Moines, Iowa	Thompson-Hayward Chemical Company
Detroit, Mich.	A. E. Fleming Company
Garwood, N.J.	Asbestos Corporation of America
Houston, Texas	Thompson-Hayward Chemical Company
Indianapolis, Ind.	Thompson-Hayward Chemical Company
Kansas City, Mo.	Thompson-Hayward Chemical Company
Knoxville, Tenn.	A. G. Heins Company
Little Rock, Ark.	Thompson-Hayward Chemical Company
Los Angeles, Calif.	E. S. Browning Company
Memphis, Tenn.	Thompson-Hayward Chemical Company
Milwaukee, Wisc.	Sprinkmann & Sons
Minneapolis, Minn.	Thompson-Hayward Chemical Company
New Orleans, La.	Thompson-Hayward Chemical Company
Oklahoma City, Okla.	Thompson-Hayward Chemical Company
Philadelphia, Pa.	George A. Rowley & Company, Inc.
Pittsburgh, Pa.	McCann-Shields Paint Company
St. Louis, Mo.	Thompson-Hayward Chemical Company
San Francisco, Calif.	E. S. Browning Company
Seattle, Wash.	Durkin Chemicals, Inc.
Trenton, N.J.	H. M. Royal, Inc.
Winchester, Mass.	W. D. Egleston Company, Inc.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/11

MARKET CONDITIONS

GENERAL BUSINESS.

During the first quarter of 1965, general business continued to improve and at a rate somewhat greater than was expected. The automobile and steel industries are both operating at record levels and there seems to be some hope in informed quarters that a steel strike can be avoided. Based chiefly on disposable funds in the hands of consumers, predictions now are that good business should continue for the balance of this year. The international political and monetary situations continue to be causes for concern but the domestic economic situation is extremely good.

ASBESTOS—RAW MATERIAL.

Quebec asbestos fiber shipments for the Industry during February 1965 totalled 60,074 tons, or 4,762 tons lower than the same period last year. Year to date shipments at 110,181 tons are running 24,425 tons or approximately 18% below those of last year.

ASBESTOS—MANUFACTURED GOODS.

Asbestos Textiles. The demand for asbestos textiles continues strong and mills report they are either meeting or exceeding their sales objectives for 1965. Industry consensus reflects optimism that the present high level of sales and manufacturing will continue through the balance of the year.

Asbestos Brake Lining. Business is good in the replacement market and volume of sales for second grade linings is increasing due to low prices. Prices of heavy duty items are becoming slightly firmer and O.E.M. sales continue at a high level. Volume of sales should keep up with the 1964 level.

Asbestos Paper & Millboard. The market situation for these materials is continuing at a fairly consistent level

GESCHMAY FELTS
ALL OVER THE WORLD
FOR
ASBESTOSCEMENT
SHEETS, PIPES
CORRUGATING MACHINES
ALL SYNTHETIC
CONVENTIONAL AND NEEDLED FELTS
CUSTOM ENGINEERED
BEST KNOWN FOR QUALITY
PROMPT DELIVERY
WÜRTTEMBERGISCHE FILZTUCHFABRIK D. GESCHMAY G.M.B.H.
GÖPPINGEN
732 GÖPPINGEN
P.O. BOX 460
WEST GERMANY
CABLES: GESCHMAYFILZ, GÖPPINGEN
TELEX: 7-27734 GESCHMAY GOEPP
TELEPHONE: 5858/5859

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/12

and this condition should remain during the coming months.

Asbestos Saturated Paper. Volume of sales for this material is good but market pricing is spotty with extra discounts being extended on large jobs. A 6 to 8 percent increase in volume of sales over 1964 is expected in 1965.

High Pressure Insulation. Volume of sales remains high and should continue high for the balance of the year; however, prices are very competitive.

Low Pressure Insulation. A slight seasonal letdown has been experienced during January and February but a return to normal levels is expected.

Asbestos Cement Shingles—Roofing & Siding. Amount of shipments in January and February increased over the same period last year. 1965 looks like a better year than 1964 in both roofing and siding as architects are specifying asbestos roofing on more buildings and builders are using asbestos siding on more houses. In spite of competition by metal and plastic sidings, 1965 should be a very good year.

Asbestos Cement Pipes. The pipe market continues strong and is showing signs of increased activity. Despite softening in some areas, the long range outlook for this product is optimistic.

Asbestos Filter Fibre. Demand is still exceeding supply and Arizona mines are continuing in their endeavors to increase production. The outlook for the remainder of the year is very good.

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

NATIONAL GYPSUM's continued emphasis on research has been rewarding. New products and construction systems, not marketed 10 years ago, were responsible for sales of nearly $40-million in 1964.

In all these countries, it's
"WAMBESCO"
for fast service in
asbestos
fibres

Sole distributors of National Asbestos Mines Limited for the Benelux, France, Spain, Portugal, Sweden, Norway, Finland, Denmark and Africa (excluding Egypt).

Kindly address your inquiries to the Rotterdam head office or to the nearest subsidiary office representative:



ROTTERDAM, HOLLAND
"Wambesco" (N. V. Internationale Ertshandel "Wambersie")
Calandstraat 7a
Postbus 1434
Phone 118760 Telex 22245
Cables Wambesco

PARIS, FRANCE
Wambesco (France) S. A.
1, rue Volney

STOCKHOLM, SWEDEN
A. B. Industrimetoder
P. O. Box 5168

HELSINKI, FINLAND
Oy Connector A. S.
Eriksgatan 24

LISBON, PORTUGAL
Nogueira Limitada
Apartado 2457
R. dos Douradores, 107

MADRID, SPAIN
Otto G. Bunzl
Pablo Aranda 18

OSLO, NORWAY
Mr. Knut Moerch
c/o A. S. Polyvog
Øvre Slottsgate 4

COPENHAGEN, DENMARK
M. Clausen A/S
Peder Skramsgade 1

FOR FURTHER INFORMATION
write National Asbestos Mines, Limited, Thetford Mines, P. Q., Canada (Subsidiary of National Gypsum Company)

Gold Bond
ASBESTOS FIBRES

ORANGEBURG MANUFACTURING COMPANY, division of The Flintkote Company, has produced an informative 96-page installation manual on *Flintite Pressure Pipe*. Properly used, this manual can become an invaluable working tool for contractors and consulting engineers and is certain to prove popular with municipal and residential area development planners. Sixteen chapters cover all phases of the installation of Flintite pressure pipe: the arrival of the shipment, trench preparation, Weld-Tite coupling, pipe assembly, and backfilling.

NATIONAL GYPSUM's research activities during 1964 reflected the company's intensified interest in fire control and sound isolation. Construction of new laboratory facilities will more than double the physical size of the Research Center and will be the most complete single laboratory in the industry for testing both fire and sound control. It will spur the development of new products and reduce cost of testing. Most important, it will greatly shorten the time necessary to complete fire underwriters' and other mandatory tests on new products and construction systems.

ASBESTOS PAVING—Airport engineers have taken a tip from the use of mineral fiber siding in home construction. In order to make runways more stable and longer wearing, asbestos fiber, the same material used in mineral fiber siding, is being added to the paving material. As in houses, maintenance costs are reduced.

GUMMI ASBEST KUNSTSTOFFE

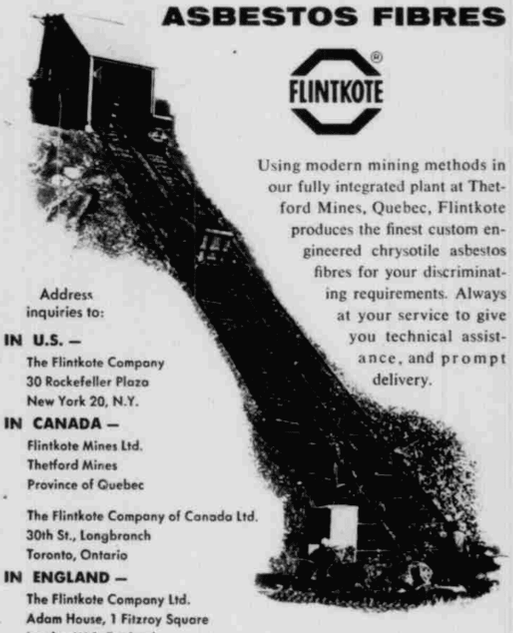
is the asbestos periodical in Europe which covers editorially in each issue the production, processing and application of asbestos. Therefore, it is read by all firms connected with the importing and processing of asbestos in 60 countries and is used for advertising by the asbestos mines all over the world.

Subscription fee DM 66.—plus postage per year.

Published by: A. W. Gentner Verlag KG, 7 Stuttgart-W Forststr. 131, Postfach 688.

HIGHEST GRADE
CHRYSOTILE
ASBESTOS FIBRES

FLINTKOTE®



Using modern mining methods in our fully integrated plant at Thetford Mines, Quebec, Flintkote produces the finest custom engineered chrysotile asbestos fibres for your discriminating requirements. Always at your service to give you technical assistance, and prompt delivery.

Address inquiries to:

IN U.S. —
The Flintkote Company
30 Rockefeller Plaza
New York 20, N.Y.

IN CANADA —
Flintkote Mines Ltd.
Thetford Mines
Province of Quebec

The Flintkote Company of Canada Ltd.
30th St., Longbranch
Toronto, Ontario

IN ENGLAND —
The Flintkote Company Ltd.
Adam House, 1 Fitzroy Square
London W-1, England

Manufacturer Of
DIVERSIFIED PRODUCTS FOR HOME AND INDUSTRY

PRODUCTION

Canada—The Dominion Bureau of Statistics has issued the following for the month of JANUARY 1965 in short tons: Producers' Shipment of asbestos totaled 58,570 (Quebec—50,498 and Newfoundland, Ontario and British Columbia—8,072). Total shipments for January 1964 were 77,887.

Republic of South Africa—The Department of Mines has issued its Quarterly Information Circular for the 3RD QUARTER 1964 containing the following statistics on asbestos: Production totalled 56,478 short tons (Amosite—20,144, Chrysotile—9,629, Cape Blue—23,849, and Transvaal Blue—2,856).

Rhodesia—The Ministry of Mines and Lands, Salisbury, has issued the following statistics on asbestos for JANUARY 1965: Production 13,912.73 short tons, valued at £646,443.09.08.

McAdam Mining—Senior financing to bring the Chibougamau, Canada, area asbestos property of McAdam Mining Corporation Limited into production is expected to be in an advanced stage by the end of this year. Overall cost of bringing the property to production has been estimated at $17.5-million. In making this announcement, McAdam President, L. F. Gauvreau reiterated that he anticipated the property would be in production by 1967. He said the company would make serious moves towards obtaining senior financing as soon as present drilling on the "C", "D" and "B" zones has been completed. This work is expected to be wound up by the end of May or by mid-June. Drilling on the eastern section of the property was increasing grade and reserves of approximately 100-million tons are expected.

Lake Asbestos of Quebec Limited's sales of asbestos fibre during 1964 exceeded production by 11,743 tons. Production in 1964 amounted to 103,582 short tons and shipments to 115,325 short tons. Technological advances in milling contributed to the increased production. Although asbestos markets were keenly competitive during most of 1964, prices firmed toward the end of the year and heavy year-end buying developed. Substantial tonnage has been added to ore reserves. The development of this ore will require a heavy stripping program starting in 1965 and continuing for a period of 4 to 5 years.

The first shipments of asbestos fibre have been made to the new pipe manufacturing plant of Cement Asbestos Products Company, in Alabama, and production is expected to start April 1965.

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/12576/15

IMPORTS & EXPORTS

Imports Into U.S.A.

(Figures by Bureau of the Census) NOVEMBER 1964

Unmanufactured Asbestos: Short Tons

Amosite, Crude, Republic of South Africa	1,884
United Kingdom	126
Crocidolite (Blue), Crude, Australia	100
Republic of South Africa	1,933
Chrysotile, Crude, Canada	50
Finland	61
Rhodesia & Nyasaland	995
Chrysotile Spinning Fibers, Canada	1,181
Chrysotile, Other, Canada	43,472
Rhodesia & Nyasaland	2,116
Yugoslavia	584
Asbestos, Other, Canada	2,520
Finland	166
United Kingdom	25
	55,243

Valued at $5,395,510

Manufactured Asbestos Goods:	Pounds	Value
A-C Pipes, Tubes, Fittings	8,814,907	$443,390
Asbestos-Cement Articles, Other	1,327,927	149,292
Asbestos Yarn, Rope, etc. & Other	..	60,322
		$653,004

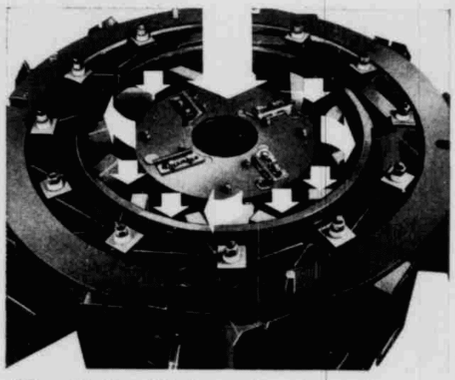
Exports From U.S.A.

(Figures by Bureau of the Census) NOVEMBER 1964

Unmanufactured Asbestos: Short Tons

Crude & Spinning		Non-Spinning Fibers		Waste & Refuse	
Argentina	5	India	1,541	Argentina	16
W. Germany	10	Japan	284	Belgium	28
Other Ctys.	2	Korean Rep.	115	Canada	50
	—	Mexico	51	Japan	1,437
	17	U. Kingdom	10	Korean Rep.	545
		W. Germany	44	Other Ctys.	38
			2,045		2,114

Total Unmanufactured Asbestos..4,176 Valued at ..$522,103



Simplicity fibrizes longer, cleaner fibres faster with far fewer fines

Simplicity's D'centegrator fibrizes so thoroughly that the longer fibres are not "dirtied". The break-up action is pictured above schematically (our asbestos fibrizers actually have 12 bars). On-the-job performance also indicates a higher recovery rate and lower percent of fines. Both lower initial and maintenance cost make this 60 t.p.h. unit (2" cubical feed) an outstanding producer. Write or call about a test.



Model 24 Asbestos D'centegrator

48

Simplicity
ENGINEERING COMPANY
Durand 18, Michigan

OTHER MINING EQUIPMENT: Vibrating Screens, Feeders, Grizzly Feeders, Scalpers, Crushers and Conveyors.

CANADA: SIMPLICITY MATERIALS HANDLING LTD., Guelph, Ont
EXPORT: BROWN & SITES, 50 Church St., New York 7, N.Y.

Manufactured Asbestos Goods:	Production	Value
Cement & Pipe Covering .....Lbs.	490,944	$ 108,775
Textiles & Yarn .....Lbs.	62,068	69,532
Packing .....Lbs.	223,384	281,039
Clutch Facing .....No.	176,322	149,009
Brake Lining (Mld. & S. Mld.) ..Lin. Ft.	178,579	61,076
Brake Lining, Other .....Lbs.	502,269	365,739
Construction Material .....Lbs.	1,481,293	197,184
Asbestos Manufactures—Other	..	61,371
		$1,293,716

Exports From Republic of South Africa

(Quarterly Information Report—Dept. of Mines) 3RD QUARTER 1964

	Short Tons	Value
Amosite	20,267	R1,882,433
Chrysotile	7,998	578,910
Cape Blue	24,717	3,252,051
Transvaal Blue	2,602	304,654
	55,584	R6,018,048

Exports From Canada

(Published by Dominion Bureau of Statistics) NOVEMBER 1964

Unmanufactured Asbestos:

	Crude	Milled	Shorts (Short Tons)
United States	10	14,336	35,925
United Kingdom	..	4,316	4,198
South America	..	4,640	1,144
Central America & Mexico	..	1,790	293
Europe	19	18,421	11,094
Japan	4	3,746	3,557
Other Countries	..	9,637	2,146
	33	56,886	58,357

Total Unmanufactured Asbestos—115,276 Valued at—$13,606,155

Manufactured Asbestos Goods:	
Asbestos Brake Linings Facings	$ 53,481
Asbestos-Cement Building Materials	127,699
Asbestos-Cement Products, Other	13,161
	$ 194,341

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



Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/17

INDUSTRY NEWS

HAPPY BIRTHDAY

Alfred G. W. Sinclair, President, Canadian Johns-Manville Company Limited, Port Credit, Canada, April 15.
Philip A. Meyer, Vice President, Asbestos Fibre Division, Nicolet Industries, Inc., Florham Park, New Jersey, April 16.
Richard A. White, Director, Advertising & Sales Promotion, The Ruberoid Co., New York City, April 18.
E. A. Boadway, President, Carey-Canadian Mines Limited, East Broughton Station, Canada, April 23.
Carl Resnikoff, Contract Sales Manager, Floor Tile Division, The Ruberoid Co., New York City, April 25.
Edward R. Stevens, President, Baldwin-Ehret-Hill, Inc., Trenton, New Jersey, April 25.
J. Carroll Johnston, President, Atlas Asbestos Company, North Wales, Pennsylvania, April 28.
Robert D. Bradford, President, American Smelting & Refining Company, New York City, April 29.
Merlin W. Simon, Executive Vice President, Sprinkmann Sons Corporation, Milwaukee, Wisconsin, April 30.
Richard H. Jaffer, President, York Insulation Company, Inc., Hillside, New Jersey, May 1.
George O. Hart, Jr., Vice President, Kelley Asbestos Products Company, Kansas City, Missouri, May 2.
Guy George Gabrielson, Jr., President, Nicolet Industries, Inc., Florham Park, New Jersey, May 4.
W. S. Cowell, President, Ferodo (Canada) Limited & Albion Asbestos Packings (1959) Limited, Montreal, Canada, May 5.
F. P. Smith, Vice President, Bell Asbestos Mines Ltd., Thetford Mines, Canada, May 10.
C. R. Elliott, Vice-President and Secretary-Treasurer, Cassiar Asbestos Corporation Limited, Toronto, Canada, May 11.
R. B. Todd, Vice President—Manufacturing, Atlas Asbestos Company, Montreal, Canada, May 11.
Frank C. Waters, Marketing Division Manager, Wunderlich Limited, Sydney, N.S.W., Australia, May 12.
Leslie M. Cassidy, Director, Johns-Manville Corporation, New York City, May 13.

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

ASBESTOS WASTE

of yarn, cloth, belts, and lapes metallic and non-metallic WANTED continuously in each quantity. Replies to Box No. 4-BEC-GH, c/o "ASBESTOS", 807 Western Saving Fund Building, Philadelphia, Pennsylvania 19107, U.S.A.

For the beneficiation of asbestos ore,

Modern HAZEMAG Impact Crushers

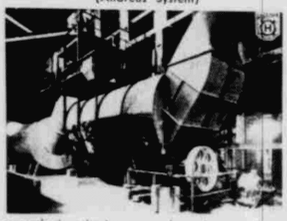
(Andreas System)



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

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/12576/18

Cassiar/Kutcho Creek—According to the 1964 annual report of Cassiar Asbestos Corporation Limited, a reconnaissance geophysical survey of Kutcho Creek Asbestos Company Limited was carried out to outline the fibre-bearing serpentine within the main ultrabasic intrusive in which this property is located. A diamond drilling program will be undertaken at some future date.

U.A.M.—During the past year, The Universal Asbestos Manufacturing Company Limited has carried out a major rationalization of its structure. Asbestos cement, pitch fibre, polyester and PVC products are now being marketed through a unified technical sales force and the whole of the marketing effort has been streamlined with the formation of three Regional Sales Offices. As a natural development of this reorganization, three former subsidiary companies are now operating as manufacturing divisions of the parent company.

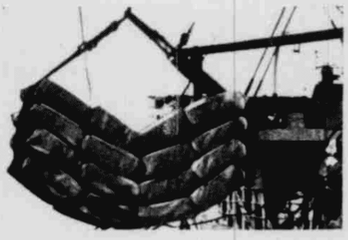
H. K. Porter Company, Inc. acquired substantially all the stock of the **Russell Manufacturing Company,** Middletown, Connecticut, a manufacturer principally of textile products. Effective January 1st, 1965, the operations of Russell were consolidated with the parent Company.

H. K. Porter Company, Inc.—A complete reorganization of the Thermoid Division, with particular emphasis on sales, marketing, and distribution took place in 1964. One important development was the establishment of commodity groups for asbestos textiles, friction materials, hose, belting, and tape products. These groups have total responsibility for their respective product lines in new products, sales programs, and distribution methods. In addition, research and development activity was separated into fields of friction materials, rubber, and asbestos products. This will permit concentrated efforts by these groups in development of new products, assessing new materials, and improvement of existing products. Division engineering was centralized at the Trenton Works to develop new equipment design, improved processes, and plant improvements.

For Sale: USED

Four cylinder asbestos wet machine, complete with four sizes of C. I. Forming Rolls; Four extra wide Molds made by Asbestos Associates of N.J. Priced to sell. Write to: Industrial Salvage and Machinery Co., 1918 South San Pedro Street, Los Angeles, California 90011.

No dust problem.
No moisture damage.
No loss through sifting.
No spoilage by contamination.
No storage problems—
indoors or outdoors.
Not to mention
30% less tare weight.



And talk about tough! We've successfully test-dropped 100 lb. bales of asbestos fibre, packed in MILPAC bags, six times each from 13½ feet!

Now that you've stopped to think about it, why isn't all asbestos shipped in heat-sealed MILPAC Polythene Shipping Bags? Why don't you specify that yours is?

If you're intrigued by the idea, we'd be happy to tell you more about it. Just contact: Canadian Industries Limited, Plastics, P.O. Box 10, Montreal, Quebec.

C-I-L Plastics
CANADIAN INDUSTRIES LIMITED

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/19

Asbestospray Corporation has announced the appointment, as exclusive distributor for sprayed high temperature 100% asbestos fibers and other industrial sprayable products, of **Elof Hansson, Inc.,** 711 Third Avenue, New York, New York 10017.

Elof Hansson, Inc. has appointed **Paul S. Maco** as Manager, Industrial Insulating Products Department. This new department will distribute, through local franchise, insulating fibers that will withstand 2000° F. and a unique spraygun machine for applying them. For temperatures up to 1350°F., the department will supply Asbestospray Corporation's 100% asbestos fibers. For temperatures to 2000°F., The Carborundum Company's Fiberfrax ceramic fiber will be furnished. Both fibers are held in place by compatible binders.

Turner Brothers Asbestos Company Limited's first quarter trading figures for the financial year 1964/1965 hit a new high record in overseas markets for the sale of asbestos and glass textiles, packings and jointings, beltings and plastics moulding materials—the month of December 1964 showing the highest level of exported goods in the 93 years history of the company. Every year, personnel of Turner Brothers travel more than a quarter of a million miles seeking export business and the company has large markets in most countries of the world, but its largest overseas sales are made in Sweden and Australia. Future trading prospects for 1965 are bright and one example of this is the contract placed by Minex, the Polish State Purchasing Agency, for chrysotile asbestos yarn, which now brings the total of orders placed by Poland during this financial year to well over £100,000.

Best Paper Award was presented to G. L. Wicker, Manager, Moulding Materials Research Department, Turner Brothers Asbestos Company Limited, Rochdale, England, at the Chicago Conference in the early part of February 1965 of the American Society of The Society of Plastics Industry Incorporated. The award, the first it is believed to a non-American, was presented for Mr. Wicker's paper "Inorganic Fibre Reinforced Thermoplastics", which dealt with the development of "Duraform"—the first asbestos reinforced thermoplastic sheeting. This year, 102 papers were read and 6 awards were made in recognition of contributions to the advancement of knowledge in reinforced plastics.

BURGDORF K.G.
Importer of Raw Asbestos
P. O. Box 7052, BREMEN, GERMANY

RIDGES and numberless
Asbestos-Cement
articles are now...
automatically manufactured
by *machinery* and plants
based on the
ELASTIC AND UNIFORM
HIGH PRESSURE process
Sole producers in the world
ISPRA
PADERNO DUGNANO
MILANO (Italy)
Homogeneous structure.
Most uniform and highest density.
Best water proofness.
High mechanical resistance as well as elasticity and ruggedness.
Minimum of breakage in transport and service.
High frost resistance.
All characteristics never reached until now.
Our information department ready for you.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/20

Johns-Manville Corporation has announced three changes in the management staff of the Pipe Division, New York headquarters: **J. F. Baker**—Staff Manager, Water Pipe; **Raymond W. Smith**—Product Manager, Industrial Pipe; and, **E. W. Spinzig**—Product Manager-Underdrain, Storm Drain and Well Casing Pipe.

John S. Autry has been appointed Product Manager for Sewer, Storm Drain and Underdrain Pipe, for **Johns-Manville** Pipe Division, District Sales Department. He joined J-M in 1960.

K. R. Augst, Jr. has been appointed Senior Staff Engineer for Sewer and Underdrain Pipe, **Johns-Manville Corporation.** He joined J-M in June 1961 as a Salesman-in-Training in the Philadelphia District of the Pipe Division.

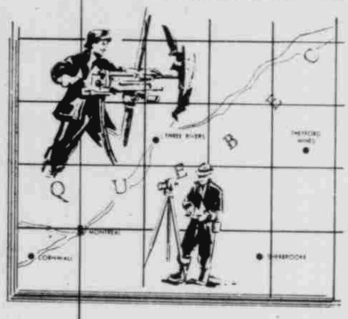
Johns-Manville Corporation has announced the reciprocal transfer of **R. M. Candee** to District Sales Manager, New York District, and **H. Thomas** to Product Manager, Plumbing-Heating-Cooling Products, effective January 1st, 1965. Mr. Candee joined J-M in 1949 and Mr. Thomas started with J-M in 1946.

W. T. Huber has been promoted to the newly created position of Assistant District Sales Manager, Philadelphia Distributor Sales District, **Johns-Manville Corporation.** He joined J-M as a salesman-in-training in the Philadelphia District in May 1948 and became salesman in March 1950.

Erik R. Christensen, Jr. has been appointed Assistant Manager, Direct Sales Department, Philadelphia District, **Johns-Manville Corporation.** He joined J-M as a salesman-in-training in the Philadelphia District in September 1958, was assigned to the Richmond, Virginia, territory as a salesman in 1959, and in 1962 was transferred to the Philadelphia territory.

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

LYNN, MACLEOD
ENGINEERING SUPPLIES, LIMITED



ASBESTOS MILLING EQUIPMENT

DESIGNERS MANUFACTURERS & DISTRIBUTORS

METALLURGY DIVISION FOR STEEL CASTINGS

PRESSURE PACKERS
PACKOMATIC BALE SEALER
FLEXOVEYOR BAG FLATTENER
ROTEX SCREENERS
AIR SEPARATORS
ROCK FIBERIZERS
SYNTRON VIBRATORY FEEDERS
RAYMOND WHIZZERS
SCALES & MAGNETS
FANS & FILTERS

CHECK WEIGHERS
CYCLONES
ROTARY VALVES
ASPIRATION PIPING
PRECOMPRESSORS
MULTI-STAGE FIBERIZERS
FIBRE GRINDERS
QUEBEC STANDARD TESTING MACHINES
CONVEYING EQUIPMENT

Lynn, Macleod Engineering Supplies, Ltd.
MINING AND ENGINEERING REQUIREMENTS
THETFORD MINES, QUEBEC, CANADA

BRANCHES
THREE RIVERS • MONTREAL • SHERBROOKE • VICTORIAVILLE
SEPT-ILES • OTTAWA • CORNWALL • KINGSTON

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/21

Duane S. Bosma has been appointed Plant Manager of the Cincinnati, Ohio, plant of **The Philip Carey Manufacturing Company.** Prior to joining Carey, Mr. Bosma had extensive production management experience and served as plant or manufacturing manager for several companies.

G. A. Gubas has been appointed Manager of the recently reorganized Sales Technical Division of **Cape Building Products Limited,** a member of the Cape Asbestos Group of Companies. Mr. Gubas completed his architectural training in Europe, and has wide experience in both traditional and industrialized building systems.

George L. Romine has been appointed President of the S. K. Wellman Division of **American Brake Shoe Company** effective May 1st, 1965. He has been with Wellman since 1942 and most recently has been vice president for original equipment sales. He succeeds **Robert W. Biggs,** who resigned as vice president of Brake Shoe but will continue as a member of the Board.

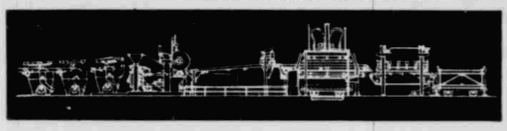
Nicolet Industries, Inc.'s Vice President Development, Dr. Roger W. Sanftner, has announced the addition of three Project Engineers to the Development Department: **Richard K. Lyons,** Project Engineer with the Rubber Development Group; **Servando L. Sebastian,** Project Engineer with the Paper Development Group; and, **Howard S. Daitz,** Project Engineer with the Inorganic Development Group.

Turner and Newall Limited has announced that the following personnel changes become effective April 1st, 1965: **R. A. Wells** relinquished his post as Director of the National Chemical Laboratory and became Research Director of Turner Brothers Asbestos Company and Glass Fabrics, with **D. W. Hills** as Assistant Managing Director of both companies; **Dr. N. A. Cutler** joined the Board of British Industrial Plastics; **D. E. Buckley,** Sales Director of Turners Asbestos Fibres Limited retired from the Board, and has been succeeded by **J. C. T. Fell.**

Support the 1965 Cancer Crusade

WEHRHAHN

Machinery for the asbestos - cement industry is the result of more than a man's age of experience in the development, construction and erection of machines for asbestos-cement.



More than 50 asbestos-cement plants all over the world are successfully producing:

pressure pipes
socket pipes
flat sheets
corrugated sheets
shingles on machines of

WEHRHAHN

We are exhibiting at the HANNOVER FAIR 24.4 -2.5.1965 please contact us Hall 8A Stand 403/503

for your asbestos-cement project you are invited to contact:

GEBR. WEHRHAHN
287 Delmenhorst/Germany
Linoleumstr. 3 / P. O. Box 209
Tel. 45 91 / Telex 024 4874

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/22

William W. Gerber has been appointed to the newly-created post of Eastern Sales Manager for **National Gypsum Company.** He will assume this new position in the Buffalo, New York, headquarters of the company and will supervise the sales activities of five sales divisions and 18 district sales offices.

George M. Stewart has been appointed Sales Manager for the Great Lakes Division of **National Gypsum Company** and will be headquartered in Cleveland, Ohio. He had been sales manager of the Richmond, Virginia, District and succeeds Mr. Gerber.

Ivan C. Cole has been promoted to Sales Manager of the Richmond, Virginia, District for **National Gypsum Company.** He has been assistant district manager since 1962 and succeeds Mr. Stewart.

C. A. Dagenais, Eng., B.A.Sc., has been elected Chairman of the Board and General Manager of **Surveyer, Nenninger & Chenevert,** consulting engineers in Montreal, Canada. Mr. Dagenais joined Surveyer in 1953 and became a partner in 1959. He has served the firm in various capacities, notably in the hydro-electric field, and is at present partner in charge of a number of projects including the Manicouagan 5 dam and the Idikki development in Kerala State, India.

SURVEYER, NENNIGER & CHÊNEVERT

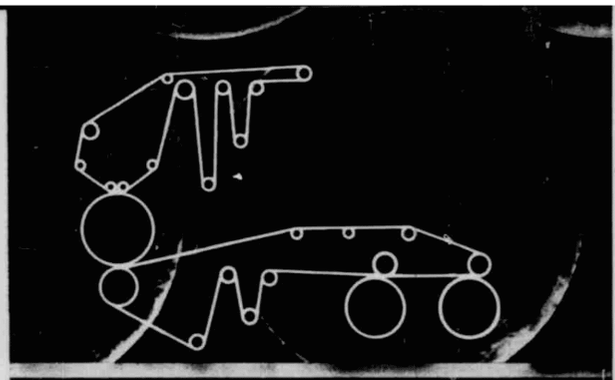
COMPLETE CONSULTING ENGINEERING SERVICES FOR THE ASBESTOS INDUSTRY

COMPLETED: MILL No. 5
JOHNS-MANVILLE, ASBESTOS, P.Q.

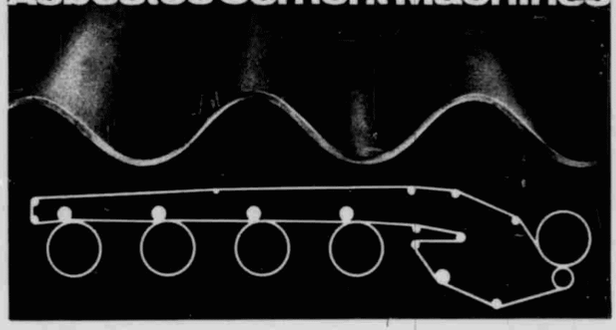
COMPLETED: ADVOCATE MINES,
BAIE VERTE, NEWFOUNDLAND

UNDER CONSTRUCTION:
ASBESTOS HILL PROJECT,
UNGAVA, P.Q.

1440 St. Catherine Street West, Montreal, Que.
Telephone 868-1731
Cable Address: SUNECHE Montreal



Asbestos Cement Machines



J.M.Voith A.G. have been expert for decades in building a wide range of machinery for the asbestos cement production.

Let us know your problems – our staff will be glad to find the appropriate solution.

J.M.VOITH A.G. - AUSTRIA
ST.POELTEN, P.O.B.168 TEL.2501 TELEX 01 510

ASBESTOS PRICES

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

(As of July 10, 1964)

No. 1 Crude	$1,410.00 to	$1,650.00
No. 2 Crude	610.00 to	900.00
AAA	..	800.00
Group No. 3 (Non-Ferrous Filtering & Spinning)	425.00 to	750.00
Group No. 4 (Non-Ferrous Plastic & Filtering)	385.00 to	500.00
Group No. 5 (Plastic & Filtering)	250.00 to	400.00
Group No. 7 (Refuse & Shorts)	58.00 to	90.00

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

(As of January 1, 1965) Canadian Currency

Group No. 1 (Crude No. 1)	$ ..	$1,410.00
Group No. 2 (Crude No. 2, Run of the Mine Crude, Sundry Crudes)	640.00 to	875.00
Group No. 3 (Spinning Fibre)	345.00 to	565.00
Group No. 4 (Shingle Fibre)	190.00 to	320.00
Group No. 5 (Paper Fibre)	115.00 to	156.00
Group No. 6 (Waste, Stucco or Plaster)	..	95.00
Group No. 7 (Refuse or Shorts)	40.00 to	80.00

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

(As of January 1, 1965) 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
AD grade (asbestos-cement—Canadian Group 4)	260.00
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)	160.00
AY grade (shingle fibre—Canadian Group 5)	120.00

VERMONT— Per Ton of 2,000 lbs., f.o.b. Mine

(As of January 10, 1965) U. S. Dollars

Group No. 3 (Spinning & Filtering)	$ 319.00 to	$ 370.00
Group No. 4 (Shingle Fibre)	176.00 to	296.00
Group No. 5 (Paper Fibre)	121.00 to	144.00
Group No. 6 (Waste, Stucco or Plaster)	.. to	88.00
Group No. 7 (Shorts & Floats)	40.50 to	75.00

asbestos

chrysotile, crocidolite and amosite fibres
from Africa and Canada

We sell asbestos fibres for:

- asbestos-cement
- asbestos textiles
- brake and clutch linings
- insulation and fire protection
- reinforced plastics
- jointings
- filtration
- asbestos paper and millboard
- floor tiles

Turners Asbestos Fibres Ltd

Faulkner House · Faulkner Street · Manchester 1 · England
Cables: Vulbeston, Mancheste Telephone: Central 0334 Telex: 66560
A Turner & Newall company

TN3/1

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/24

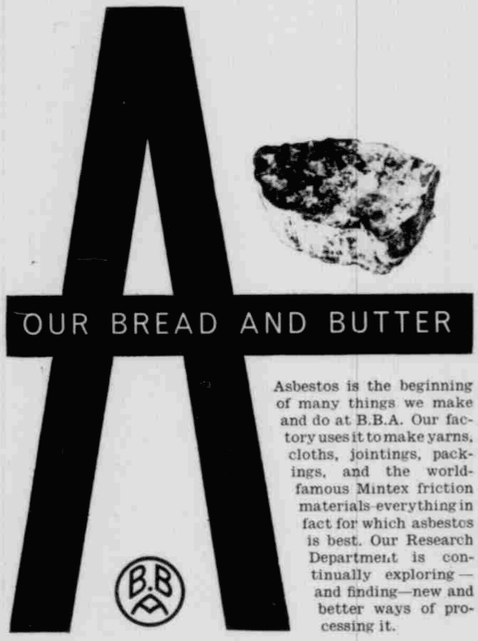
ASARCO Annual Report 1964—Net earnings in 1964 of the American Smelting and Refining Company were $41,917,000 compared with $29,290,000 in 1963. Operations by Lake Asbestos of Quebec Limited, Asarco's wholly-owned subsidiary, continued without interruption during the year and both production and earnings attained new high levels.

Asbestos Corporation Annual Report 1964 — Income after taxes amounted to $3,004,671 in 1964 and compares with the 1963 figure of $1,926,424. 5,513,110 tons of ore were milled during 1964 and ore reserves at the end of the year were estimated at 127,420,000 tons (excluding Asbestos Hill property). The single most significant factor affecting production during 1964 was the integration of operations at the adjoining properties of the King-Beaver and Johnson's Thetford mines and at the British-Canadian and Johnson's Megantic mines. Asbestos Corporation (Explorations) Limited had an active year as more than ninety prospects were examined in the field.

Cassiar Annual Report 1964—Net profit of Cassiar Asbestos Corporation Limited for the year 1964 was $3,028,462 against $2,589,808 in 1963. Sales of asbestos fibre amounted to $14,466,691 which compares to the 1963 figure of $13,882,535. The market for spinning fibres was somewhat stronger and the asbestos-cement grades moved very well. During 1964, Cassiar's mine produced 705,205 tons of ore and the mill treated 587,908 tons of ore and concentrate. Research into the treatment and use of asbestos fibres is continuing.

National Gypsum Annual Report 1964—Net sales of the National Gypsum Company amounted to $257,053,791 compared to $250,307,450 in 1963. Net earnings were $21,976,268 against $22,501,256. The company expects to be in position to produce higher earnings in the future as various projects in its $102-million program are completed and contemplated growth in market demand is realized.

R/M Annual Report 1964—The 1964 net sales of Raybestos-Manhattan, Inc., reached a total of $101,859,363, the highest in the company's history, and were $6,619,824 or about 7% higher than the 1963 net sales of $95,239,539. The net income for 1964 of $5,513,367 was also the highest in the company's history and compared with 1963 net income of $4,390,730. R/M continues to strengthen its research and development organization to improve present products and develop new products which should result in further improvement in operations and earnings.



Asbestos is the beginning of many things 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/12576/25

WOVEN AND NEEDLED

ASBESTOS CEMENT

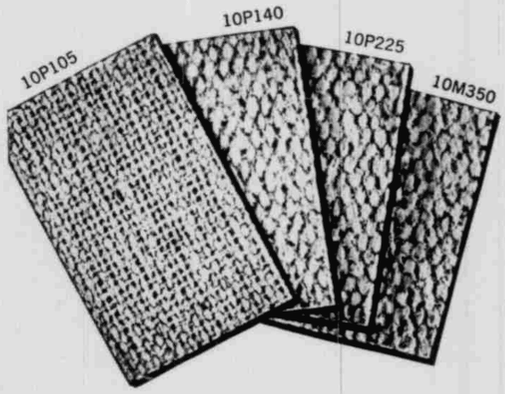
SHINGLE, PIPE AND

CORRUGATING FELTS

NORDISKAFILT

NORDISKA MASKINFILT AKTIEBOLAGET
HALMSTAD • SWEDEN

Look to R/M to weave the cloth that cuts the cost of insulating shipboard and steamplant piping



- High tensile strength
- Excellent ravel resistance
- SRC finish requires only 1 coat of paint
- Conform to Federal Specification SS-C-466e.

Write for samples and full information.

ASBESTOS TEXTILE DIVISION
RAYBESTOS-MANHATTAN, INC.
Manheim, Pa.
SPECIALISTS IN ASBESTOS, RUBBER, ENGINEERED PLASTICS, SINTERED METAL



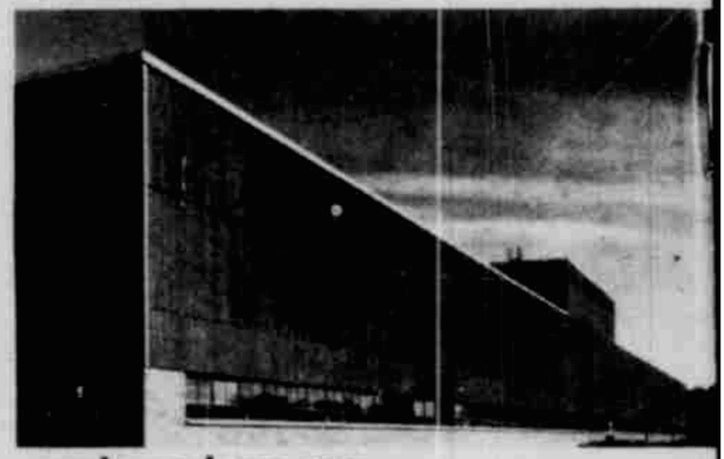
We mine...



mill...



test...



and produce our own asbestos products

That's *quality control!*

Ruberoid operates a completely integrated asbestos operation. So we can control quality all the way from the mine to the finished product. When our asbestos corrugated siding, for instance, finally makes it to the construction site, it's been through the mill in more ways than one. We've given it test after test at each stage to assure that it's top notch.

Remember, too, Ruberoid offers a complete line of chrysotile fibres for use in electrolytic cells, compressed sheets, brake linings, gaskets, plastics, shingle stock, asbestos papers, insulation cements, floor tile and phenolic molding compounds.

Need assured quality in asbestos? Call or write Ruberoid.

RUBEROID®

ASBESTOS FIBRE DIVISION
733 Third Avenue, New York, N. Y. 10017

Export distribution handled by:
Columbian Carbon International, Inc., 380 Madison Ave., New York, N. Y. 10017

Published by AsbestosClaims.Law
asbestosclaims.law/library/12576/27