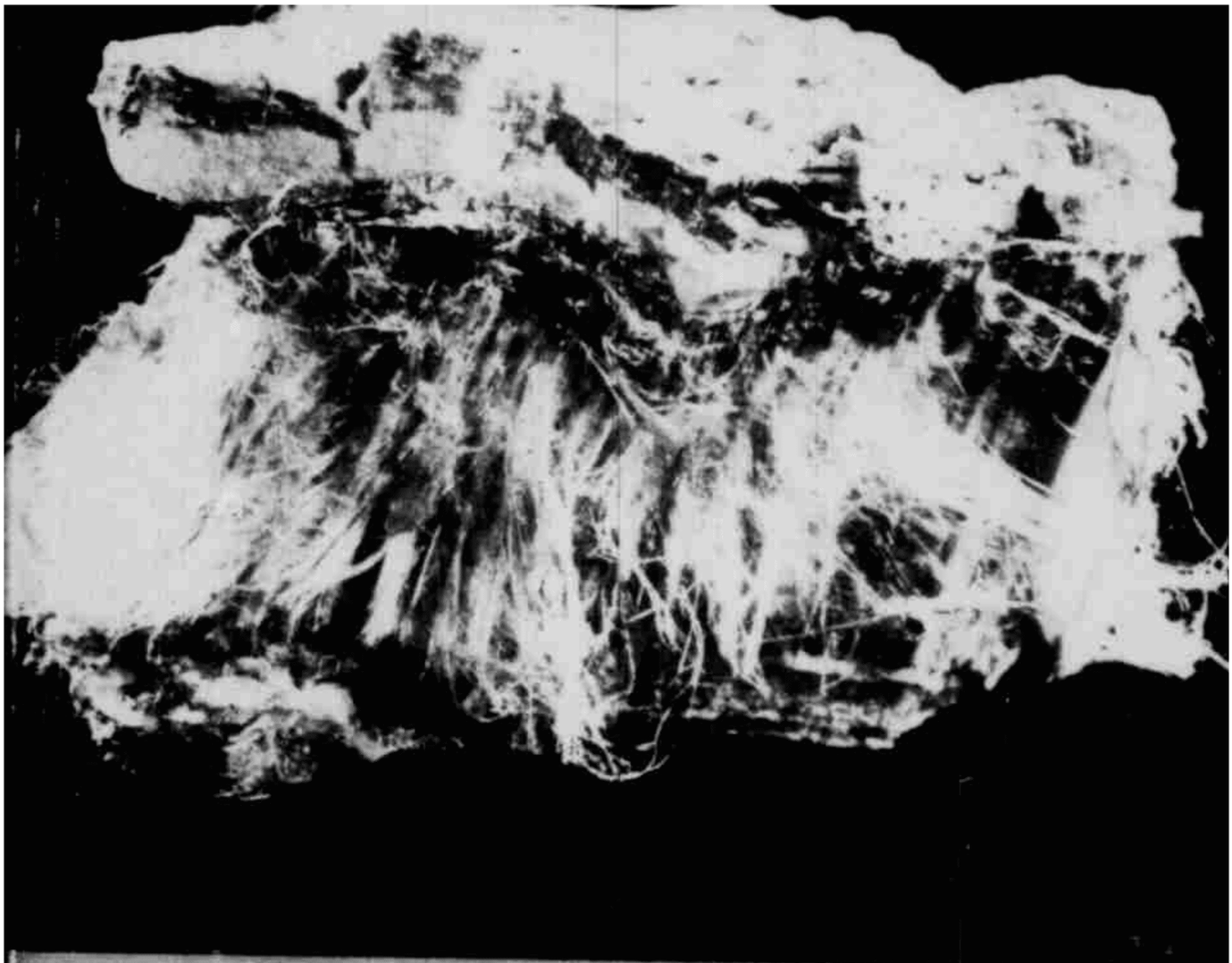


Arizona Asbestos No. 1 Crude

ASBESTOS

Devoted to the Asbestos Industry

AUGUST 1967

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/1

THE
PUTTEN'S ASBESTOS CORP.
ORGANIZATION

ALL TYPES AND GRADES ASBESTOS FIBRES
CHRYSOTILE — CROCIDLITE (BLUE)
AMOSITE — ANTHOPHYLLITE

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: 43-7577-JH

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

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

PUTTEN'S ASBESTOS CORP.
(NORTH AMERICA) LTD.
3313 A Bloor Street, West, Toronto 18, Ontario.
Telephone: Area Code 416 239-2522
Tel. Add. "Eurafco - Toronto"

ASBESTOS

VOLUME 49 AUGUST 1967 NUMBER 2

CONTENTS

BRITISH ASBESTOS INDUSTRY—PART 4A: ASBESTOS PACKING AND JOINTING 2
MOTOR VEHICLE INSPECTION 10
CASSIAR/CLINTON CREEK PROJECT 12
CANADIAN J-M/50TH YEAR 14
AUTOMOBILE SALES 20
BUILDING 24
MARKET CONDITIONS 30
PRODUCTION 36
IMPORTS & EXPORTS 38
INDUSTRY NEWS 40
PERSONNEL NEWS 48
ASBESTOS STOCK QUOTATIONS 50
ASBESTOS PRICES 52
ASBESTOS PATENTS 54

ASBESTOS is indexed regularly by Engineering Index, Inc.

ASBESTOS was founded in July 1919 and published monthly since that date by Secretarial Service at 807 Western Saving Fund Bldg., S. E. Corner Broad & Chestnut Sts., Philadelphia, Pennsylvania 19107.
Telephone: 215-546-0420

Trust of C. J. STOVER, *Proprietor*; E. E. COX, *Editor*
Copyright 1967, Maud M. Stover, Trustee, Trust of C. J. Stover
Second Class Postage Paid at Philadelphia, Pennsylvania, U.S.A.

SUBSCRIPTION RATES — United States, $3.00 per year; All Other Countries, add $1.00 for postage; Current Copies, 25 cents each; Back Copies, 35 cents each (Payable in U. S. Funds).

BRITISH ASBESTOS INDUSTRY

Part 4A: Asbestos Packing and Jointing

By: C. Z. Carroll-Porczynski, F.T.I.

Part 4B will appear in the September 1967 issue of ASBESTOS.

(This is the fourth and final part of the article "British Asbestos Industry" which has been written by Mr. C. Z. Carroll-Porczynski, a leading expert in the Asbestos Industry, for publication in ASBESTOS.)

Asbestos is widely used for various forms of packings in such applications as steam, hydraulic and superheater systems, where its high temperature, hot oil and acid resistance, and so on, are advantageous. As a resilient material, asbestos packings are used on such moving parts as stuffing boxes, sleeves of shafts, piston rods, spindles and plungers, while asbestos jointing is used mainly as a static seal in the joining of flanges of pipelines, valves, etc.

The packings are made of asbestos yarn worked into twisted, plaited or braided forms that are compressed into rings, or from asbestos cloth which is subsequently coated with a natural or synthetic rubber compound and folded into various forms of packings or transformed into gaskets for such applications as tubes, handholes and manholes for boilers. Depending upon the application, packing can be made from plain or wire-reinforced asbestos yarn or from chemically pure asbestos yarn for oxygen service.

Three leading British asbestos manufacturing companies (Turner Brothers Asbestos Company Limited, The Cape Asbestos Company Limited, and BBA Group Limited) all ship a wide range of asbestos packing to every country.

BBA Group has recently developed a packing consisting of asbestos fibre base, bonded with rubber, and a rubber core. The working surface of this packing is coated with an adhesive synthetic resin resistant to heat and containing uniformly dispersed polytetrafluoroethylene (PTFE)[13].

Another leading British asbestos packing firm operating on a worldwide basis is James Walker and Company Limited, of Woking, Surrey, originally established in 1875.



We improved it.

It wasn't easy. We've been in the asbestos business for a long, long time. But, to keep our years of experience from going to our heads, we searched for ways to make our fibres even better.

And we found one. We discovered a way to make clean spinning fibres cleaner with lower carding and spinning losses. A better "yield" means better profits. Perhaps you too should yield to the trend to higher quality. We feel that these improvements will make our spinning fibre asbestos of even greater value to the spinner.

Come to think of it, if these improvements in our fibres don't set you spinning, nothing will.

ASBESTOS CORPORATION LIMITED ASBESTOS
Thetford Mines, Quebec

Temperature Determines Choice of Grade

A well-known, versatile braided packing developed by this company for valve applications is marketed under the name Walker Valvasca packing. For temperatures up to 950°F. (510°C.) the standard grade is suitable for steam, medium and heavy paraffin hydrocarbons and caustic alkalis, and similiar media. Valvasca type "M", a variant of the standard grade, constructed from a long-fibre asbestos yarn incorporating a Monel wire reinforcement, is suitable for the same media, but at temperatures up to 1,100°F. (590°C.). For use with media such as butane and propane gases, oil vapor and furnace air at temperatures up to 1,500°F. (815°C.), the stainless steel wire-reinforced asbestos yarn packing known as Valvasca S.S. is available.

Of the well established products on Walker's range of pump packings, Fortuna packing has proved eminently suitable for highspeed boiler feed-pumps and similar applications. This packing is of plaited construction, and is suitable for rotary pumps handling hot water, oils, alkalis, dilute acids, and so on, up to temperatures of 600°F. (315°C.).

Other asbestos packings manufactured by Walker are of the lip type. These are made by moulding rings of rubber-proofed asbestos cloth materials[12].

Gasketing Material

Asbestos jointing (gaskets) made in the United Kingdom in most cases conforms to British Standards Specification B.S. 2815:1957.

Asbestos has been used for many years as a gasketing material, either in the form of compressed fibre sheets or as woven cloth. Compressed fibre jointing was invented in 1886 by Richard Klinger. Since that time asbestos jointing has been increasingly used for many gasketing services and today every engineer is familiar with the use of this material.

The best grades of jointing are made of long chrysotile fibres which, after cleaning and opening, are compounded with binding agents and vulcanized under pressure into a homogeneous structure.

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/12604/4

In this process, asbestos fibre and rubber compound are rolled under pressure on a heated calender roll. The solvent is evaporated by the heat and the desired jointing thickness is achieved. Jointing materials incorporating wire gauze reinforcement can be manufactured by this process where a jointing capable of withstanding high pressures and temperatures is desirable. Generally speaking, jointing materials of the compound asbestos-fibre type are regarded as being suitable for maximum temperatures of 1,000°F. (450°C.).

For a higher temperature jointing, James Walker and Company has developed material known as Super Twilstele jointing. This is a combination of twill-woven stainless steel wire and asbestos shrounded stainless steel wire, with a proofing compound, and is normally considered suitable for temperatures up to 1,500°F. (815°C.). Also for high temperature and pressure applications, this company manufactures spiral wound gaskets known as Metaflex gaskets which comprise spirally wound stainless steel with an interply of asbestos paper or compressed asbestos fibre material.

These joints are confidently recommended for temperature conditions up to 1,750°F. (955°C.) and pressure up to 5,000 pounds/square inch (350 kg/cm²).

Compressed Asbestos Fibre Jointing

All previously listed asbestos packing manufacturers in Britain also produce a wide range of compressed asbestos fibre jointing. The largest British makers of asbestos jointings for sale overseas are Richard Klinger Limited, of Sidcup, Kent, and Turner Brothers Asbestos. The latter's jointings are marketed under the name "Permanite".

This material gives excellent service against the highest pressures and temperatures found in present-day engineering. It is used on valve testing equipment operating on superheated steam at 2,000 pounds/square inch (140 kg/cm²) and 1,000°F. (540°C.) in pipe flanges of two inches (50 mm) bore. Special types have also been developed. Permanite Aero jointings, plain or metallic, having a fine-mesh steel gauze, are made of highest grade asbestos and were specially designed for aircraft use.

Similarly, Permanite acid jointing was developed to withstand the destructive action of hot concentrated mineral

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/12604/5

acid and to meet the requirements of the United Kingdom Atomic Energy Authority's specification.

For service where extra resistance to steam is required, as in condensers, feed-water heaters, evaporators, and so on, Turner Brothers Asbestos offers jointing which is also sold under the trade name "Permanite".

Other British firms specializing in asbestos packing include: Beldam Asbestos Company Limited, Hounslow, Middlesex; T. A. Cockin Limited, Huddersfield, Yorkshire (established in 1863); Crane Packing Limited, Slough, Buckinghamshire; Ronald Trist and Company Limited, Slough, Buckinhamshire; Henry Crossley (Packings) Limited, Bolton, Lancashire; and, A. Roberts and Company Limited, Cleckheaton, Yorkshire.

SIMPLICITY ENGINEERING COMPANY has issued Catalog Z-61 to describe their new line of Z-screens. It provides complete design information, including a description of the Z-screen's split deck feature that allows easy screen-cloth replacement and a greater range of mesh sizes. The catalog also includes a screen questionnaire that may be filled out, easily removed, and mailed to Simplicity Engineering for quick evaluation of individual screening requirements.

CAREY/FORM 6714—This new two-color brochure is now available from The Philip Carey Manufacturing Company and describes the company's complete line of asbestos paper, rollboard and millboard. Information in this literature includes product descriptions, sizes, packaging data, physical properties, and typical applications.

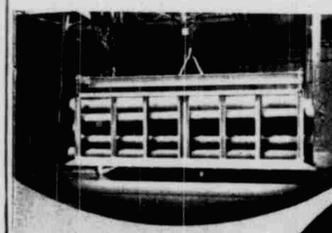
CANADIAN SPECIFICATIONS—The January 1967 Index of Standards and Specifications is available from the Canadian Government Specifications Board, Department of Defense Production, Fifth Floor, 88 Metcalfe Street, Ottawa 4, Canada. Items included in this index are asbestos-cement (Commodity Group 34-GP) and thermal insulation (51-GP).

AUTOMATIC PLANTS TO MAKE SOCKETED PIPES

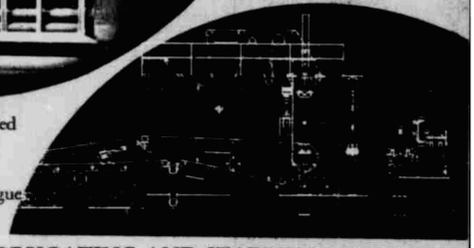


AUTOMATIC PLANTS FOR MAKING HIGH PRESSURE ASBESTOS CEMENT PIPES

ASBESTOS CEMENT ENGINEERING CO.

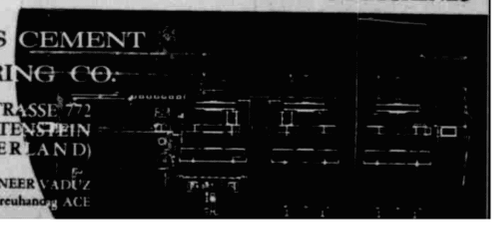


MODERN PLANTS FOR MAKING ASBESTOS CEMENT CORRUGATED AND FLAT SHEETS



Plants projected, delivered and started.
Agents required.
Ask for Modern Catalogue.

AUTOMATIC CORRUGATING AND STAPLING MACHINES



ASBESTOS CEMENT ENGINEERING CO.

AEULESTRASSE 7/2
VADUZ – LIECHTENSTEIN
(SWITZERLAND)
P.O. BOX 34.722 •
CABLES: ASBESTENGINEER VADUZ
TELEX: 57871 Treuhand FL ACE

Motor Vehicle Inspection

Periodic Motor Vehicle Inspection, one of the most critical matters concerning automotive safety, was discussed by members of the *Friction Materials Standards Institute* at their annual meeting on June 21st, 1967. It was believed by those in attendance that the present federal and state emphasis on new-car safety can have limited value to the public if this isn't followed up with regular periodic inspections of *all* vehicles on the road.

A new or older vehicle, even one equipped with every possible safety feature, can be a danger if any part of the safety package is not working properly: a lighting systems failure, malfunction of the hydraulic system, brake linings worn or unserviceable, faulty power-brake unit. These and many other mechanical breakdowns can lead to accidents. Periodic inspection of vehicles is the only safeguard the public has, not only against cars which have existing failures, but also as a detection system to have problems corrected *before* the vehicle with a potential breakdown actually fails in service.

The F.M.S.I. (which represents practically every brake lining manufacturer in the United States) feels that, for positive brake safety, the removal of a brake drum either on the front or rear axle of the vehicle being inspected could be included in the standard inspection procedure. A spokesman for the brake lining manufacturers stated: "The simple and reliable practice of removing a drum is the best way to thoroughly inspect the braking contact surfaces: the most important area of the braking system. If this was included as a standard procedure during PMV inspections, it would be of tremendous value in assuring the car owner and the public of safe and sure stopping ability. We know of no other inspection that takes so little time and pays off in such a large safety return."

The members of the Friction Materials Standards Institute unanimously voted in full support of Periodic Motor Vehicle Inspection on a nationwide basis.

ARIZONA ASBESTOS

Mined and Milled by

JAQUAYS ASBESTOS CORPORATION

1219 S. 19th Avenue

PHOENIX, ARIZONA



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

MINES AND MILL IN GILA COUNTY

Cassiar/Clinton Creek Project

Cassiar Asbestos Corporation Limited's $24-million open pit and asbestos milling complex, at Clinton Creek in the Yukon, is making excellent progress. Mine development is scheduled to start by October of this year. The project is designed to produce 60,000 tons of asbestos fiber per year. At this rate, some 2,850 tons of ore will be handled daily, of which 2,300 tons per day will be processed in the mill after initial beneficiation.

Everything at the site has obviously been designed and built for long-term operations. About 1,000,000 tons of waste was removed during last year's program. Construction at the crushing plant is well advanced. An aerial tramway will carry crushed ore from the open pit to the mill site. At the mill site, a seven-story main building is completed, much of the equipment placed and in the process of being connected by duct work and electricity. The main fans for asbestos aspiration are installed and the main office building is ready for occupancy. Some five miles from the pit and seven miles from the plant, by road, is the power plant. Clinton Creek will be supplied from this one central plant. Major equipment for mining is on site. It is expected that an operating force of between 180-190 persons will be required for capacity operation at the mine.

The mill will produce two products—one, known as CP fibre (Clinton pipe), is a Group 4 product, while the second, CY fibre, is a Group 5 product. Both of these products are an asbestos-cement fibre of better grades. Initial tests by manufacturers have found both products to be eminently satisfactory. Final product will be bagged and palletized into 1-ton units and stored in a warehouse at one end of the mill building for shipment.

Ably assisting *F. P. Hodgson*, general superintendent of the Clinton mine, are: *H. A. Woody*, mine superintendent; *B. H. Donner*, mill superintendent; *J. G. Drewe*, chief engineer; *John Bell*, plant maintenance superintendent; and, *D. Acason*, chief mine accountant.

THOMAS HARDMAN & SONS LTD

The largest manufacturers of

ASBESTOS CEMENT FELTS

in

Great Britain offer their World renowned Patented

NEEDLE REINFORCED 100% NYLON FELTS

Manufacturers and Patentees

THOMAS HARDMAN & SONS LTD

Fernhill Mills, Bury, Lancashire. England

CABLES: Felts, Bury, Telex

TELEX: No. 66477

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/8

Canadian J-M/50th Year

Canadian Johns-Manville Company Limited, which enters its 50th year in 1967, is a Canadian company managed by Canadians, manufacturing industrial and home products for the Canadian domestic market and for export. It is also the country's leading producer of asbestos fiber, principally for Canadian export markets.

Since 1960, $31,000,000 has been spent expanding and modernizing Johns-Manville facilities in Canada. As a result, there has been a substantial increase in types and volume of products manufactured in Canada and in exports of asbestos fiber. Canadian J-M is now using more than four times as much asbestos fiber in its plants and is exporting ten times the amount of asbestos fiber than in 1947. In 1947, 77% of J-M manufactured products sold in Canada were manufactured in Canada. By 1964, the percentage had increased to 91% and in 1966 it was estimated at 92%. The manufacture and sale of products is directed by the company's Products Division, headquartered at Toronto. Today, CJ-M's total employment is 4,300 at 3 mines, 3 plants and 8 sales offices with an annual payroll of about $23,000,000.

At Asbestos, Quebec, J-M operates the largest asbestos mine and mill in the Free World, with an annual fiber tonnage equal to one-third of all Canadian production. J-M also manages Advocate Mines and had a major role in financing this new asbestos facility at Baie Verte, Newfoundland. A third asbestos mine, with an annual production of some 25,000 tons, is being developed at Reeves Township, near Timmins, Ontario. It is scheduled to enter production early in 1968. At manufacturing plants located in Toronto and North Bay, Ontario, and at Asbestos, Quebec, J-M produces a variety of building materials and industrial products. These are marketed throughout Canada and some are exported outside North America.

THIRTY YEARS EXPERIENCE
in selling Amosite, Blue and Canadian fibres. Recently retired; desires continue in field.
REPLY TO: Box 8-TY, c/o ASBESTOS, 807 Western Saving Fund Building, Philadelphia, Pennsylvania 19107, USA

U.S. Rubber developed Asbeston® so you could use asbestos where you never could before.

Asbeston.

It does all the things regular asbestos does. Only it's lighter; and stronger for its weight. And because it's lighter and stronger, you can use it in more places in more ways. It's also a lot easier to work with. (Our engineering staff can make it easier still—they'll actually tailor any Asbeston fabric, yarn or tape or whatever to the specs of your operation.)

For more details on our full line of light and heavy Asbeston products, write:

UNIROYAL FIBER and TEXTILE
Division of UNIROYAL, Inc.
Textile Administrative Center
350 Columbia Road
Winnsboro, S.C. 29180

Textile Division
UNIROYAL

THE NEW WORLD WIDE NAME OF U.S. RUBBER.

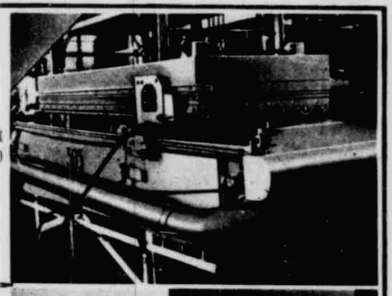
®ASBESTON IS THE UNIROYAL, INC. REGISTERED TRADEMARK FOR ITS ASBESTOS YARNS, FABRICS AND TAPE.

DO YOU WANT TO MANUFACTURE ASBESTOS CEMENT SHEETS BOTH FLAT AND CORRUGATED, COLOURED AND NOT COLOURED, **BY USING ONLY SHORT FIBERS** WITHOUT EMPLOYING CORRUGATING MACHINE, MOULDS, FELTS, DECANTER CONES, AND KEEPING AT THE SAME TIME THE SHEET QUALITIES FULLY UP TO THE STANDARD REQUIREMENTS?

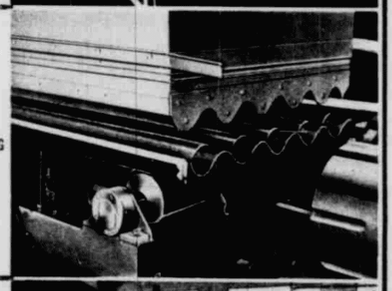
This is possible now with SSV Vulcanit machinery manufactured by RCM Co. of Torino (Italy) under ISPRA licence. Both ISPRA and RCM Companies are at your full disposal for supplying you with the description of said machinery and of the relative technological process.

You will have only to write:

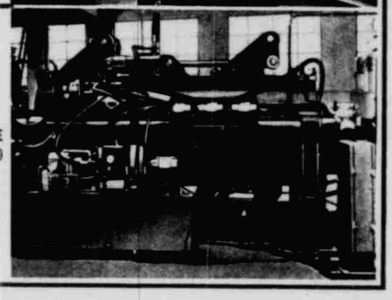
R.C.M. - P.O BOX 468 - TORINO (Italia)



FEEDING TANK (VACUUM STRATIFICATION)



SHEET MOULDING



CANNONE (80 Atm. PRESSING)

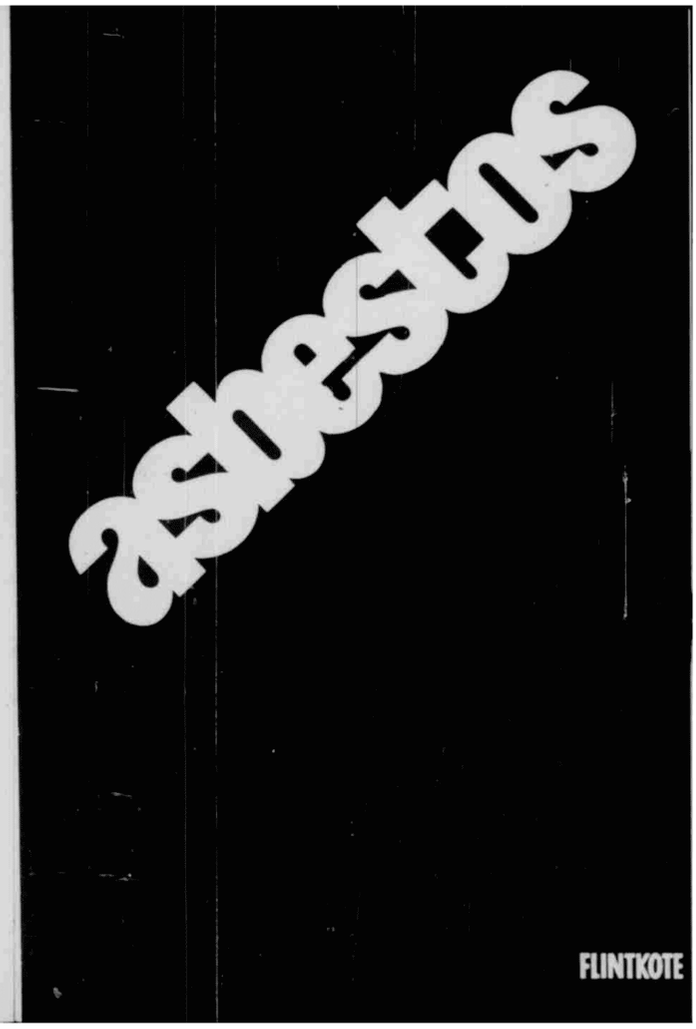
Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/10

ROBERT S. KING retired as Chairman of The Philip Carey Manufacturing Company. This retirement became effective on June 15th, 1967, when Carey merged with the Glen Alden Company. Mr. King will continue to maintain his personal office at the Mariemont Center Building, 3914 Miami Road, Cincinnati, Ohio 45227 and plans to continue in the oil and gas business. Mr. King has stated he looks back with fond memories to the many meetings with the senior members of the Asbestos Industry.

WILLIAM S. SIMPSON, president of Raybestos-Manhattan, Inc., received the *honorary degree of Doctor of Public Service*, at Fairfield University's 17th commencement exercises. According to his public service citation, Mr. Simpson "combines business acumen with deep concern for the human community. His busy career with Raybestos-Manhattan, Inc., has only served to stimulate his unselfish efforts to improve the cultural, business and human condition of our state and community. In recognition of his intelligent and unselfish efforts to aid the community, we the president and trustees of Fairfield University, do hereby create and proclaim William S. Simpson, doctor of public service honoris causa".

ALVIN F. HEINSOHN, vice president and director of Raybestos-Manhattan, Inc., died suddenly, Thursday, July 13th, 1967, in North Charleston, South Carolina. He had also been general manager since 1944, of R/M's General Asbestos and Rubber Division. He joined the company in 1922, was made factory manager in 1930, assistant general manager in 1940, general manager in 1944, and was elected a director in 1947 and a vice president in 1951. Mr. Heinsohn was very active in civic affairs, was a director of the First National Bank of South Carolina and of the South Carolina Electric and Gas Company. He also was the first president of the North Charleston Division of the Greater Charleston Chamber of Commerce in 1949.

Mr. Heinsohn was very well known throughout the asbestos textile industry and he will be greatly missed by his many friends and associates.



Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/11

Automobile Sales

MAY 1967 motor vehicle factory sales from plants in the United States totaled 898,260 (passenger cars—750,310; trucks and buses—147,950). The total for May 1966 was 948,797. The total for the first five months of 1967 was 3,981,250 compared to 4,869,522 for the same 1966 period.

Motor vehicle factory sales from plants in Canada totaled 99,160 for May 1967 compared to 82,942 in May 1966.

APRIL 1967 United States motor vehicle imports were as follows: new passenger cars—66,973 valued at $111,402,138; used passenger cars—206 valued at $275,706; trucks and buses—7,607 valued at $15,378,008; and, automotive parts—valued at $46,677,372.

EVERITE SIX-METER A/C PIPE—The longest lengths of asbestos-cement pressure pipe ever manufactured in the Republic of South Africa are now being produced with a constant internal bore at the Brackenfell factory of Everite Limited. These "constant internal diameter" pipes (so called because the internal diameter remains the same for each pressure class in the same diameter) are manufactured in lengths of six meters, diameters of approximately 150 millimeters to approximately 1,050 millimeters, inclusive, for working pressures of 100 feet to 600 feet head of water, and are jointed by means of the self-positioning, self-sealing "Triplex" (registered) Joint. Manufacture is in accordance with I.S.O. recommendations in respect of constant internal diameter asbestos-cement pressure pipes, pending issue of a new South African Bureau of Standards specification, currently being prepared. Installed in a completely new pipe factory costing more than R2,000,000, the machine used for making these pipes is one of the most advanced of its kind, resulting in asbestos-cement pipes of high material strength, permitting reduced wall thickness in most sizes and classes.



Remove gritty foreign material such as silica, iron, mica and sand . . . unopened fibre bundles . . . serpentine . . . fibre bound magnetite . . . simultaneously and without fibre loss . . . with this Bauer multi-phase equipment.

Centri-Sonic Classifier—Sharp classification anywhere in the 200 mesh to 15 micron range.

Hurricane-Pulverizer-Classifier—Opens short fibre completely to controlled levels. Positive extraction of impurities with patented skimmer-deflector.

Both units air convey processed material to next station automatically. Ask for Bulletins G-8 and G-4. **The Bauer Bros. Co.**, Springfield, Ohio 45501, U.S.A. / Brantford, Ontario, Canada.

Ask about a Bauer total function system designed for your specific needs.





BAUER

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/12

RESEARCH ON INDUSTRIAL MINERALS, by H. M. Woodrooffe, appeared in the February 1967 issue of the Canadian Mining and Metallurgical Bulletin. The following paragraph was excerpted from this very informative and interesting paper.

The Non-Metallic Minerals Section of the Mines Branch, Department of Energy, Mines and Resources, Ottawa, Canada, is engaged in a long-range program on the characterization of milled asbestos fibre, particularly relating to fibre length distribution, degree of fiberization and fibre texture. To determine the distribution of fibre lengths in any sample, a method has been developed for the parallel alignment of fibres in a moving stream. A means of measuring the lengths is still being sought, although the combined use of a particle size analyzer and an image-splitting optical device appears suitable. There is no precedent for work of this kind in spite of the wide use of many types and grades of fibre in many industrial processes over a long period. Considerable progress has been made in the correlation of surface area to degree of fiberization. A commercial apparatus using the principle of gas adsorption has been modified to provide a sensitive technique for measuring surface area. The investigation of fibre texture has indicated its relationship to the surface chemistry of the fibre. There appears to be some similarity in the phenomena encountered in the study of fibre and the mineralogy of clays.

MINING FILM—"Challenge in the Rock", an attractive new film on the mining industry in British Columbia and the Territories, has been released for distribution. This 16 mm. color picture runs 27 minutes and covers mining exploration, open pit and underground mining, and career opportunities available to young people. Covered are two sequences on the operations of Cassiar Asbestos Corporation Limited, including the tramline and the road haul. The film is sponsored by the Mining Association of British Columbia and the British Columbia and federal governments. Prints may be purchased, or are available on loan to interested groups.

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/12604/13

Building

JUNE 1967 was a record month for the construction industry as solid gains in all three building categories pushed the total value of contracts for new work to the highest level in history. Contracts for new construction totaled $5,414,066,000—$280-million higher than the previous record set in May 1966, and 12% more than June of last year. Total construction activity finally has recovered fully from the decline brought on by last fall's public spending cutbacks and credit scarcity. The housing market, which was hit hardest by the money squeeze, has yet to make it all the way back to last year's highest level, but, during the past quarter, the expansion in residential contracting has been almost double the nine per cent seasonally-adjusted advance in total contract value.

Residential building contracts totaled $2,000,437,000, 9% higher than June 1966. One and two-family houses and apartments registered gains of 11% and 12%, respectively, while nonhousekeeping buildings declined 7%.

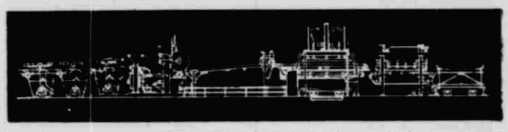
Nonresidential contracts were valued at $2,069,539,000, 10% above the year-ago month, and a new record when adjustment is made for seasonal variation. Solid gains in contracting for schools and hospitals lent strong support, but it was the advance in commercial projects that pushed the nonresidential index to its new high.

Nonbuilding contracts amounted to $1,344,090,000. A heavy volume of new contracts for street and highway and utilities projects contributed to this 18% gain over last June. Street and highway contracts increased 18%, large utility projects tripled, water and sewer contracts gained 3%, and dams and reservoirs were off heavily.

FIRST SIX MONTHS 1967: Nonresidential $9,935,693,000 up 1%; Residential $9,159,725,000 down 13%; and, Nonbuilding $6,205,320,000 down 1%—total construction $25,300,738,000 down 5% from the first half of 1966. (F. W. Dodge Company, a division of McGraw-Hill, Inc.)

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

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

R/M LAGGING CLOTH—A new adhesive-backed asbestos lagging cloth for thermal insulation of pipes, flanges, turbines and similar applications in ships and steam plants has been announced by the Asbestos Textile Division of Raybestos-Manhattan, Inc. For easy positioning around pipe, the cloth may be wet with a brush before wrapping, and then thoroughly wet to fix it in place. It is described as soft, pliable and lint-free, and provides a flame retardant covering which will withstand vibration, shock and rough usage. The adhesive serves as a filler as well, so that one coat of paint may suffice where painting is required.

JOHNS-MANVILLE CORPORATION has announced a new assistance program which provides college tuition grants for students employed by the company during the summer. Selected students will receive a minimum of $300 and a maximum of $500, divided equally between the spring and fall terms, if academic standing is maintained and conditions of employment are fully met. This year, forty students will work at J-M locations throughout the United States and Canada, on assignments closely related to their studies. They will receive starting salaries for the positions they hold. When their college education is completed, participants in the scheme will be offered full-time employment with the company.

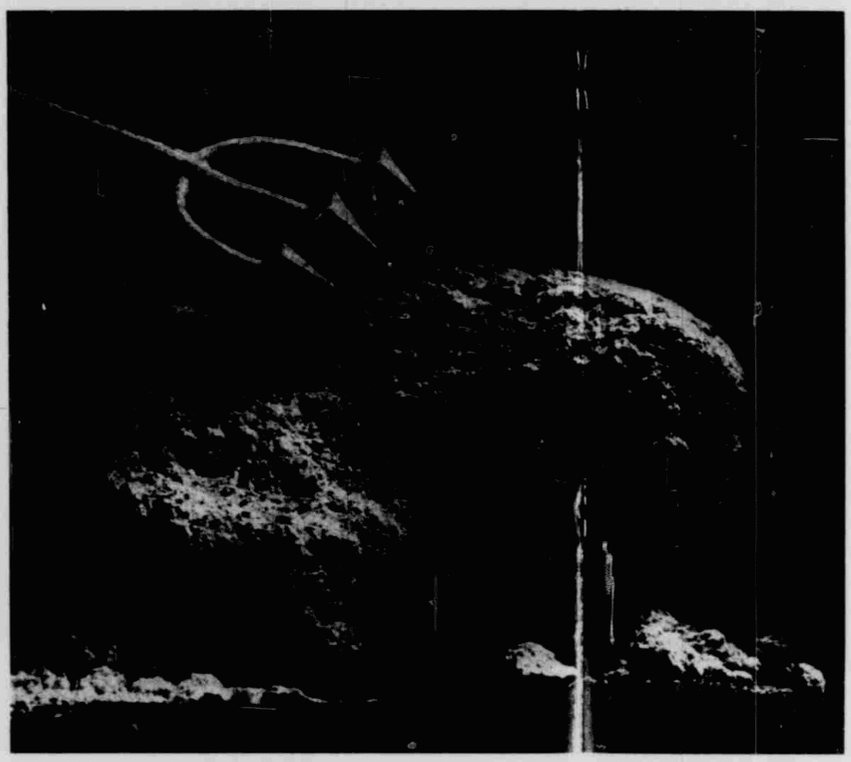
LIBYA/A-C PIPE FACTORY—A £500,000 factory for the production of asbestos-cement pipes for the petroleum industry and drinking water projects, near Tripoli, Libya, will open in 1968. The capital is being supplied by Swiss-Italian asbestos-cement producers (49%) and Libyan investors (51%). The factory will produce 5-150 cm. diameter pipes of various lengths and, later, asbestos-cement sheets. (July-August 1967 Asbestos Bulletin)

STANDCO ASBESTOS TEXTILE CO., INC.
ESTABLISHED 1912
Manufacturer of Cloth, Tape, Yarn and Brake Lining
2701-2801 Clinton Dr. Box 87, Houston, Texas 77001

WE PRODUCE...
and supply any type
and any size
of felt for...
ASBESTOS CEMENT PRODUCTION
* SYNTHETIC CONTENT
* 100% NYLON
* NEEDLED BATT-ON-BASE
* NEEDLED REINFORCED
Your Enquiries are Invited
SCAPA DRYERS LTD.
BLACKBURN, ENGLAND

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/15

How the devil's asbestos cuts floor tile cost.



High in the Diablo Mountains, the new Johns-Manville Coalinga mill produces a very special grade of asbestos. Diablo, of course, is Spanish for devil. And the unusual asbestos mined in this central California range is proof some devils are really good guys.

Coalinga fibers are short and strong. Which makes them ideally suited to floor tile use. And they are exceptionally bright and clean. Which enables tile manufacturers to cut pigment cost substantially.

Still more proof the Diablos are good guys: this range promises an almost unlimited supply of short, bright, floor-tile-perfect asbestos fiber. Utilizing the most modern production methods, the J-M Coalinga mill assures their usefulness to our friends in the flooring industry.

For asbestos fiber literature, write Canadian Johns-Manville Co., Ltd., Box 1500, Asbestos, P.Q. Or Johns-Manville, Asbestos Fiber Sales, Research and Engineering Center, Manville, N.J.

JM

Johns-Manville

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/16

MARKET CONDITIONS

General Business.

Much publicity has been given to the rather sharp rise in total personal income over the past few months, using this on an assumption that the oft predicted business boom for the last half of this year is now underway. While we all hope this boom comes to pass, it is still a fact that first half earnings of many large companies are most disappointing, present sales volume of many of these companies is considerably below that of last year and business, in general, has slacked off from last year's levels. In many businesses where total sales have shown healthy increases, profits have dipped, indicating we are now in a buyers' market as opposed to the sellers' markets which have ruled over the past few years.

In general, while most businesses are still doing quite well, their volume and profits are not what they were a year ago and, regardless of specific figures which government agencies may single out as indicating a revival of the upward trend which prevailed for some years past, many more of the recognized indicators must turn decidedly upward before we can be sure we are out of the current mild slump in general business.

Asbestos—Raw Material.

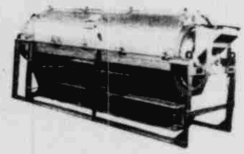
Quebec asbestos fibre shipments for the Industry during June 1967 totalled 124,506 tons, a reduction of 8,820 tons or approximately 7% from the same period last year.

Year to date shipments at 567,251 tons are running 36,954 tons or 6% lower than the same period 1966.

Asbestos—Manufactured Goods.

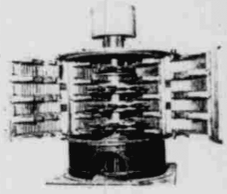
Asbestos Textiles. Asbestos textiles are in very good demand and prompt shipment on many items is increasingly difficult. The long drawn-out strike against several of the large rubber companies, most of whom use considerable quantities of asbestos textiles in the manufacture of mechanical rubber goods, has had relatively little effect on

CANADIAN ASBESTOS MILL MACHINERY



TROMMEL DUSTERS

Removing dust and fine particles of impurities from Asbestos Fibre.



FIBERIZER

Releases fibre by impact in air.

ADDITIONAL ASBESTOS MILLING EQUIPMENT

Rotary Aspirator
Separators
Rotary Dryer
Fibre Fluffer
Quebec Standard Testing Machine
Screens
Pressure Packers
Standard Grader
Gluer - Sealer
Rotary Valves
Bag Flattener & Loaders
Laboratory Equipment
Drive Equipment
Air Separators
Motorized Floor Sweepers
Bucket, Man Lift & Freight Elevators
Collectors
Checkweighers & Classifiers
Cranes
Crushers
Feeders
Aspiration Hoods
Lowerators
Grinding Mills
Fibre Precompressors

LYNN, MACLEOD CAPITAL EQUIPMENT LIMITED

8400 Cote de Liesse Road
Montreal, Quebec
Canada

TELEX: LM. ENGR. MTL. 01-26131
PHONE: 514-636-1400

CABLE ADDRESS
LYNMACAP

industry volume. The forecast of government requirements for asbestos textiles in the fiscal year ending June 30th, 1968, is very substantial, and gives rise to strong optimism that the industry will continue to have a most favorable order position in the foreseeable future.

Asbestos Brake Lining. The present market situation for this material is excellent and demand should continue to be strong for the rest of the year.

Asbestos-Cement Shingles, Roofing & Siding. Prices for siding are weak due to lack of demand for this material on new homes. Modernization continues relatively strong. The slight increase in residential construction may foretell an improvement for the balance of this year, but mortgage money is not as easy as it should be to guarantee a regular flow into new construction.

Asbestos-Cement Pipes. The market for all types of pipe is satisfactory at this time, and demand is expected to increase in volume during the coming months.

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

POLYREZ

Phenolic Resins

LIQUID · LUMP · POWDER

Cashew Resins

LIQUID · PARTICLE · POLYMERS

POLYREZ COMPANY, INC.

SOUTH COLUMBIA ST. AND RAILROAD
WOODBURY, NEW JERSEY 08096



Carey-Canadian Asbestos

■ Grit-Free ■ High Fibre Value ■
Uniform Fibre Length ■ Unusual
Whiteness ■ Low Iron Content

Uniform, car after car, the result of quality control . . . the prime responsibility of over 40% of the skilled staff at our fully automated asbestos mill.

Round the World Service

Carey-Canadian Mines, Ltd.
P.O. Box 15070, Lockland
Cincinnati, Ohio 45215

Carey

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/18

ASTM OFFICERS/DIRECTORS—The new national officers for 1967-68 of the American Society for Testing and Materials were announced during the 70th Annual Meeting in June, as follows: President—Frank J. Mardulier, W. R. Grace & Company; Vice President—L. Stanley Crane, Southern Railway System; and, Vice President—Harold N. Bogart, Ford Motor Company. New directors elected for three-year terms are: Laurence E. Ferreira, Professor Dame S. Hamby, Warren H. Mayo, George H. Nelson, Walter H. Price, and Walter D. Sherwood.

ASTM NOTES—Specifications for Flat Asbestos-Cement Sheets, C220-67, available at $1.00 per copy . . . . Committee meetings: C-16 on Thermal Insulating Materials, Toronto, Ontario, Canada, September 17th through 20th; D-13 on Textile Materials, Barbizon Plaza, New York City, October 10th through 13th; E-5 on Fire Tests of Materials and Construction, Hotel Marcy, Lake Placid, New York, October 11th through 13th; E-6 on Methods of Testing Building Construction, Sheraton Park, Washington, D.C., October 23rd and 24th . . . . Short Course on Reinforced Plastics, Barbizon Plaza Hotel, New York City, October 23rd through 27th, sponsored by International Plastics Industry Consultants, Inc. . . . The Board authorized the appointment of a steering committee to effect the organization of a new technical committee on "resilient" floor coverings characterized by vinyl, vinyl asbestos, asphalt, linoleum, rubber, cork, and similar compositional materials.

FRICTION MATERIALS STANDARDS INSTITUTE, INC., at its annual meeting in June 1967, elected the following officers for the ensuing year: President—John H. Kelly, The Bendix Corporation; Vice President—Steven S. Conway, Jr., Abex Corporation; Treasurer—Harold Hodson, The Bendix Corporation; and, Secretary—Miss Harriet G. Duschek. Other members of the board of directors, serving with these new officers, are: Frank T. Gatke, Gatke Corporation; Alexander J. Bette, Johns-Manville Corporation; Joseph W. Greenen, Maremont Corporation; William J. Vachout, Carlisle Corporation; and, James L. McGovern, Jr., Raybestos-Manhaattan, Inc.

VOITH

For 5 decades
we have been building

ASBESTOS CEMENT MACHINES



This experience, combined with modern construction principles, enables us to design soundly engineered machines for producing sheets and pipes of asbestos cement from the initial stages of preparation to testing machines.



Let us know your problems- our staff will be glad to find the appropriate solutions

Address: J. M. Voith A.G., Engineering Works
A-3100 St. Poelten – Austria
P.O.B. 168, Tel. 2501, Telex 015 510

SM 840

J. M. VOITH A.G. – AUSTRIA

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/19

PRODUCTION

Canada—APRIL 1967 asbestos production amounted to 97,140 tons compared to 129,572 in April 1966. Total for the first four months of 1967 is 380,000 tons compared to 432,160 for the same period in 1966. (Dominion Bureau of Statistics, Ottawa)

The Mineral Industry of the Republic of South Africa (preprint from the 1965 U.S. Bureau of Mines Minerals Yearbook, 15¢)—South Africa's share of the world output of asbestos was 6.7% in 1965 (11.4% of the Non-Communist world). United States imported $7,218,000 worth of asbestos from South Africa in 1965. South Africa, during 1964, imported 7,136 metric tons of asbestos (Rhodesia—6,756; Canada—269). 1965 total output of Amosite, Chrysotile, and Crocidolite asbestos mined in the Republic rose by 11.6% compared with the 1964 output. Crocidolite registered the largest increase, 18%. The value of local sales more than doubled, but total export value in thousand dollars showed little change.

The Mineral Indusry of Arizona (preprint from the 1965 U.S. Bureau of Mines Minerals Yearbook, 15¢)—Output of asbestos dust, sands, and fiber from three underground mines in the Salt River Valley (Gila County) of south central Arizona totaled 3,649 short tons valued at $441,000 in 1965. The leading producer, Jaquays Mining Corporation, selectively mined and handsorted chrysotile abestos ore at the Regal and Chrysotile mines for shipment to the company mill at Globe. Production also was reported by Asbestos Manufacturing Company, from the Phillips mine, and by Metate Asbestos Corporation, from the Lucky Seven mine.

The Fort Apache Indian Agency at Whiteriver issued a call for bids for leasing two tracts of tribal lands in Gila County. The tracts have had a history of commercial production.

Cable Address "Fraruggles" Telephone (201) 379-2186
ASBESTOS FIBRES
ASBESTOS WASTE
Frank G. Ruggles Co., Inc.
POST OFFICE BOX 301 SHORT HILLS, N.J. 07078

CANADIAN ASBESTOS



THE NICOLET ASBESTOS MINE
Normandie (via Warwick)
Que.

Address Inquiries to:

NICOLET INDUSTRIES, INC.
ASBESTOS FIBRE DIVISION
Nicolet Avenue
Florham Park*, New Jersey
*Suburb of New York City.

IMPORTS & EXPORTS

Exports From U.S.A.

(Figures from U.S. Bureau of the Census) MARCH 1967

Unmanufactured Asbestos:

Crude & Spinning Fibers	s.tons	65	$ 22,008
Non-Spinning Fibers	s.tons	2,175	307,918
Waste & Refuse	s.tons	1,669	89,635
		3,909	$ 419,561

Manufactured Asbestos Goods:

A-C Shingles & Clapboard	Lb	2,300,479	$ 209,109
Other A-C Articles	Lb	613,884	102,513
Gaskets & Packing	Lb	565,642	537,349
Textiles & Yarns	Lb	190,958	156,472
Mfrs. other than Friction Materials		..	323,216
Clutch Facings, including Linings	No	127,447	86,653
Brake Linings for automotive use	Lb	340,996	219,553
Brake Linings, Other	Lb	327,820	228,315
			$1,863,180

Exports From Canada

(Published by Dominion Bureau of Statistics) MARCH 1967

Unmanufactured Asbestos: Short Tons

	Crude	Milled Gp. 3	Milled Gp. 4&5	Shorts Gp. 6-9
United States	8	1,514	19,792	34,364
United Kingdom	..	160	4,012	1,426
South America	..	..	533	221
Central America & Mexico	..	65	2,392	442
Europe	..	133	1,746	1,386
Japan	5	132	1,323	446
Other Countries	..	100	5,802	301
	13	2,004	35,600	38,586

Total Unmanufactured Asbestos—76,203 Valued at—$9,629,000

Manufactured Asbestos Goods:

Asbestos Brake Linings & Facings	$ 42,000
Asbestos-Cement Building Materials	78,000
Asbestos Basic Products, Other	59,000
	$ 179,000

Leading Mills all
over the World use
GESCHMAY FELTS

If you want to IMPROVE PRODUCTION
AND LOWER FELT COST

Try an all Synthetic Geschmay Felt
Conventional or needled

Wuerttembergische Filztuchfabrik
D. Geschmay GmbH
7320 Goeppingen, P.O. Box 460
West Germany

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/21

INDUSTRY NEWS

HAPPY BIRTHDAY

Richard B. Hazard, Vice President—Rubber & Packing Sales, Raybestos-Manhattan, Inc., Passiac, New Jersey, August 17.

Mrs. Joan Holtze, Assistant Secretary & Assistant Treasurer, North American Asbestos Corporation, Chicago, Illinois, August 18.

Albert H. Fay, Vice President-Marketing, National Gypsum Company, Buffalo, New York, August 19.

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

Orrin W. Clifton, President, Smith & Kantzler Company, Chicago, Illinois, August 22.

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

Allan E. Daly, Vice President-Automotive Sales, Scandura, Inc., Charlotte, Norh Carolina, August 31.

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

J. P. McCormick, Chairman & Managing Director, Turners Asbestos Cement Co., Ltd., Trafford Park, Manchester, England, September 2.

William C. O'Brien, Vice President-Sales, Industrial Products Division, The Ruberoid Co., New York City, September 2.

G. E. C. Pease, Director, Kismet Limited, Fenlake Works, Bedford, England, September 2.

R. L. Lanz, General Manager-Extruded Materials, Pipe Division, Certain-teed Products Corp., Ambler, Pa., September 5.

Frederick K. Sweeney, Senior Vice President-Group Divisions, The Ruberoid Co., New York City, September 5.

J. L. (Jerry) Mitchell, Textile Consultant (retired Works Manager, H. K. Porter Co., Inc.), Charlotte, North Carolina, September 7.

F. M. Connell, Chairman, Cassiar Asbestos Corporation Limited, Toronto, Ontario, Canada, September 9.

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

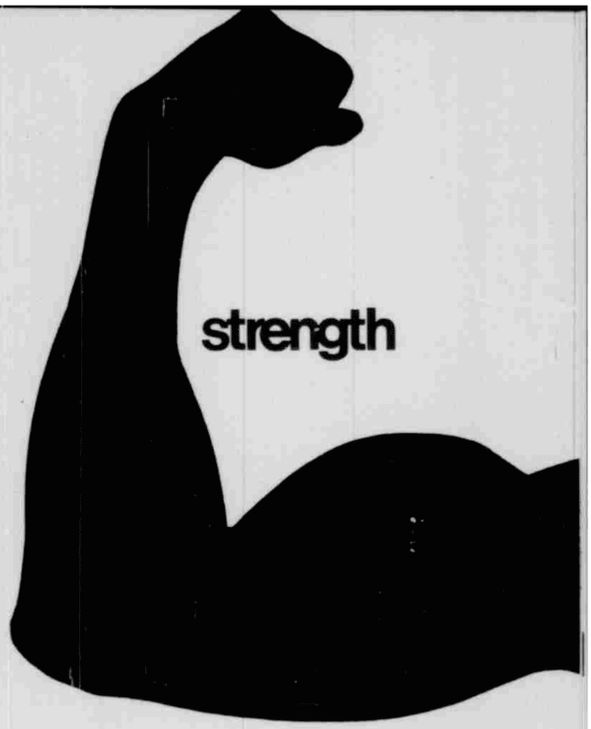
H. William Bentley, Sales Director, Australian Asbestos (Pty.) Limited, Marrickville, N.S.W., Australia, September 10.

W. Harold Connell, Director, Cassiar Asbestos Corporation Limited, Toronto, Ontario, Canada, September 12.

James Newton Caws, Director & Secretary, Beldam Asbestos Company Limited, Hounslow, Middlesex, 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.



Extra strength – that's one of the reasons why Blue Asbestos is in increasing demand for pressure pipe manufacture and plastics reinforcement. Other features are its excellent resilience and exceptional filtration characteristics which make it an ideal component in all wet asbestos cement processes.
Full technical advisory service available from world's leading producers of amphibole fibres.

Cape Asbestos Fibres Limited
114 Park Street · London W1 · England Tel: Grosvenor 6022
North American Asbestos Corporation
Board of Trade Building · Chicago · Illinois 60604 · USA Tel: (312) 922–7435
(Members of the Cape Asbestos Group of Companies)
TW 1781

Bolivia—A recently formed company, the Co-operativa Boliviana de Cemento, will construct a cement factory in Cochabamba, Bolivia, with financial aid from Corporacion Boliviana de Fomento and a loan from the Inter-American Development Bank. The Sociedad Asbestera Boliviana intends to establish an asbestos processing plant at Cochabamba from which the new cement company would draw supplies of raw materials.

McAdam Mining Corporation has begun construction of an eight-mile road to its Chibougamau, Canada, district asbestos property. Upon its completion, it will then be possible to haul the heavy equipment necessary for an underground test program. Plans are to sink a two-compartment test shaft to a depth of 250 feet and then to drive a crosscut across the main C-D asbestos zone. This work is to provide sufficient fresh and uncontaminated material for bulk testing to assess the grade and quality of the chrysotile fibre. (The Northern Miner)

Review of the Mineral Industries (Metals and Nonmetals Except Fuels), is available, at 15¢, as a preprint from the 1965 U.S. Bureau of Mines Minerals Yearbook. This preprint contains statistics on the Asbestos Industry and includes paragraphs on domestic production, net supply, consumption, stocks, labor and productivity, prices and costs, income, investment, foreign trade, research and development, legislation and government programs, and world review.

Exporters of

RAW ASBESTOS

ALL GRADES—ALL TYPES

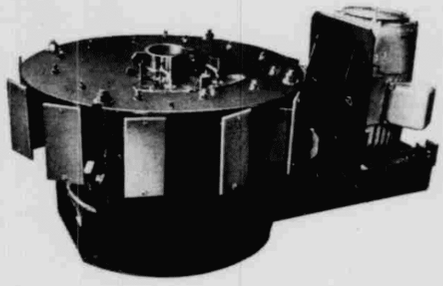
C. J. PETROW & COMPANY (PTY.) LTD.

P. O. BOX 11000

RAND CENTRAL — 165 JEPPE STREET

JOHANNESBURG - SOUTH AFRICA

OFFICES ALSO IN: TOKYO (JAPAN); GENEVA (SWITZERLAND)



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-66 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
Dept. 18 Durand, Michigan 48429
Also available in Canada

234R

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/23

Penge Asbestos Mine—The new $6.5-million mill complex at Penge Asbestos Mine, South Africa, designed primarily for milling of shorter grades of Amosite, is nearing completion. Some years ago, forecasts indicated an increasing demand for short fibred Amosite. New mining operations began on a fibre horizon called the "higher bands", which contain a greater proportion of the shorter fibres than the main horizons normally worked at Penge. However, processing the short fibred ore required rather different techniques and completely new milling facilities had to be built.

Gefco—As forecast by Chairman W. B. Coetzer, the asbestos producer Griqualand Exploration & Finance Company Limited increased its profits after tax for 1966 to R1.71-million from R1.19-million in 1965, the 1966 figure including revenue from the 60% interest in Elcor Investments which was acquired early in the year. Gefco mines and sells asbestos fiber, mostly crocidolite (Cape Blue) and in addition comparatively small tonnages of chrysotile. Profits from the two Elcor mines have been somewhat lower than was anticipated, but planned modifications of the treatment plants at these properties should improve this situation in the fairly near future. Gefco is opening a new mine to compensate for falling outputs at older properties and this is expected to reach full production early in 1969. (Mining Journal)

ASBESTOS CEMENT PLANTS
FOR HIGH AND LOW PRESSURE PIPES

Construction very simple but strong. Performance very easy and regular. Maintenance very cheap. Labour reduced to the minimum. The working is completely automatic in treating and mixing raw materials, in the making of pipes, in curing finishing and testing operations.
The production quantity is very high, the quality excellent, better than the BSS prescriptions. Prices beyond competition.

SILVANIT

Officina Meccanica Polcevera S.A.
Via Pier Domenico da Bissone
GENOVA-SESTRI
(Italy)
Phone 474.074

ASBESTOS SHORTS

HIGH-BULKING, EASILY DISPERSED
FOR ROOF COATINGS

Because our ASBESTOS SHORTS are "clean", they disperse rapidly in asphalt and other materials . . . save you production time.

GRIT- AND WHISKER-FREE
FOR SPRAYED UNDERCOATINGS

Careful quality control ensures that our ASBESTOS SHORTS are free of grit and other minute particles that clog spray equipment.

If you reinforce polyester molding compounds, try our 7T SHORTS. They disperse well and have low resin demand. For more information or for test samples of our fibres, write to: Lake Asbestos of Quebec, Ltd., Black Lake, Quebec, Canada.

SALES AGENTS

ARGENTINA, Buenos Aires
"Insud" Cia. Sudamericana de Industria y Comercio S.A.

BRAZIL, Rio de Janeiro
Sao Paulo "Brasimet" 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
Jensen-Souders and Assoc., Inc.

MASSACHUSETTS, Allston
D. H. Litter & Co., Inc.

MEXICO, Mexico City
Asarco Mexicana, S.A.

MICHIGAN, Detroit
Baker & Collinson

MINNESOTA, Minneapolis
Industrial Chemical & Equipment Co.

MISSOURI, St. Louis
Harry A. Baumstark & 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.

UTAH, Salt Lake City
Van Waters & Rogers, Inc.

WASHINGTON, Seattle
Van Waters & Rogers, Inc.

ASARCO

A subsidiary of American Smelting and Refining Company

LAKE ASBESTOS

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/24

JAMES united steel limited

HALL MACHINERY DIVISION
124 Des Grandes Fourches South
SHERBROOKE, QUEBEC, CANADA

Designers and Manufacturers
of
Screens, Aspirators, Fiberizers, Willows, Dusters, Graders, Mixers, Pressure Packers, Samplers, Weigh Hoppers, Bag Tilters.

COATINGS • SEALANTS • ADHESIVES

7 REASONS why LEADING CONTRACTORS look FIRST to foster®

1. Quality products
2. Competitive prices
3. Factual data sheets
4. Engineering field service
5. Application information
6. Honest literature
7. Underwriters' Laboratories Inspected & Listed Products

THE STANDARD OF THE INDUSTRY FOR OVER 50 YEARS

up|front with foster® COATINGS SEALANTS ADHESIVES
FOR THERMAL INSULATION PROTECTION

® Reg. T.M. of Benjamin Foster Co.
BENJAMIN FOSTER COMPANY, Div. of AMCHEM PRODUCTS, INC. • AMBLER, PA. 19002

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.

PERSONNEL NEWS

ASBESTOS CORPORATION LIMITED

C. G. BOURNE—production manager; was formerly plant manager at the company's King-Beaver Mine.

W. H. FOSTER—manager, engineering; was formerly plant manager at the Normandie Mine.

BIRMA PRODUCTS CORPORATION

CHESTER SWIDER—Midwestern regional sales manager, Insul-Coustic Division; will continue to operate out of the Chicago office.

CANADIAN JOHNS-MANVILLE CO. LTD.

E. L. MANN—Chief Geologist.

GERARD A. PICHE—Assistant to the Jeffrey Mine Manager of Canadian J-M as of April 1st, 1967.

W. H. SOUTAR—retired on April 1st, 1967 as Assistant to the Jeffrey Mine Manager.

IVAN H. SLOANE—manager, asbestos plant at Asbestos, Quebec, Canada.

J. E. MORRISON—retired as manager, asbestos plant, after 38 years service at the plant and mine.

JAMES UNITED STEEL LIMITED

J. MORRISON PRYDE—senior vice president at the Calgary, Alberta, Canada, head office.

A. J. PAUL LaPRAIRIE—executive vice president; located at the Rexdale, Ontario, Canada, offices.

T. HOLLIE MacARTHUR—vice president, western division; headquarters at Calgary plant.

HARRY E. BEATON—treasurer; as comptroller is located at Calgary.

KENNETH W. RENSHAW—general manager of the Port Robinson, Ontario, plant.

A. G. CURRIE—sales manager of the Sherbrooke, Quebec, plant.

G. MacMILLAN—sales representative of the Sherbrooke, Quebec, plant.

We think
we know the
world's fussiest
buyer.



It's Gold Bond®

We use large quantities of asbestos fibres in our plants making a wide range of asbestos-cement products. So we mine the asbestos, mill it to strict specifications, then sell it to ourselves. We provide the same meticulous care in all our milling and quality control of grading. These same fibres are available to you.

Whatever your asbestos needs, check first with National Asbestos Mines, Thetford Mines, P.Q., Canada. Or write to National Gypsum Company, Buffalo, N.Y. 14202.

Gold Bond
ASBESTOS FIBRES

ASBESTOS STOCK QUOTATIONS

Close—July 31, 1967

Abex	33⅜	Gen Aniline	23
Abitibi	*9¾	Gen Aniline (pfd)	30½
Advocate	*$2.94	Glen-Alden	17⅝
Asarco	74⅜	G-Alden (pfd-2.25)	61
Armstrong Cork	55¼	G-Alden (pfd-3.15)	114½
Asbestos Corp	*$23.00	Gulf & Western	57½
Bendix	54	G&W (pfd-1.75)	178
Bendix (pfd)	81	G&W (pfd-3.50)	223½
Cassiar	*$16.25	G&W (pfd-5.75)	76⅛
Certain-teed	18⅞	Johns-Manville	58¾
Certain-teed (pfd)	19⅝	National Gypsum	40¼
Conwest	*$6.05	Patino	*$9.40
Fibreboard	34⅞	Raybestos-Manhattan	58¼
Flintkote	24¾	Unarco	11⅛
Garlock	17⅞	Uniroyal	46
		Uniroyal (pfd)	139½

*Canadian currency

FRATELLI BAZZI G. & L.

CASALE MONFERRATO (ALESSANDRIA) - ITALIA

33, CORSO INDIPENDENZA - PHONE 4997/8

WE FURNISH MACHINERY FOR MANUFACTURING PLAIN AND CORRUGATED ASBESTOS-CEMENT SHEETS AND PROJECTS OF PLANTS

ALBANY DURASORB

100% Synthetic/Needled Pipe Machine and Sheet Machine

FELTS

Best under highly alkaline conditions.
Superior drainage.
Flexible construction, to allow as much "working" of sheet at pressure roll as needed. Can also provide smooth finish for painting.
Perfected to offer longer life, even at highest speeds.

ALBANY FELT COMPANY OF CANADA, LTD.

COWANSVILLE, QUEBEC

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/27

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 April 1, 1967) Canadian Currency

Crude No. 1	$ ..	$1,410.00
Crude No. 2	..	760.00
Group No. 3 (Spinning Fibre)	360.00 to	588.00
Group No. 4 (Shingle Fibre)	198.00 to	335.00
Group No. 5 (Paper Fibre)	140.00 to	165.00
Group No. 6 (Waste, Stucco or Plaster)	..	101.00
Group No. 7 (Refuse or Shorts)	47.00 to	85.00

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

(As of April 1, 1967) Canadian Currency

AAA grade (non-ferrous spinning fibre)	$	810.00
AA grade (non-ferrous spinning fibre)		643.00
A grade (non-ferrous spinning—Canadian Group 3)		484.00
AC grade (asbestos-cement—Canadian Group 4)		345.00
AD grade (asbestos-cement—Canadian Group 4)		284.00
AK grade (shingle fibre—Canadian Group 4)		241.00
AS grade (shingle fibre—Canadian Group 4)		200.00
AX grade (shingle fibre—Canadian Group 5)		177.00
AY grade (shingle fibre—Canadian Group 5)		126.00

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

(As of April 1, 1967) U. S. Dollars

Group No. 3 (Spinning & Filtering)	$ 319.00 to	$ 342.00
Group No. 4 (Shingle Fibre)	183.00 to	296.00
Group No. 5 (Paper Fibre)	129.00 to	153.00
Group No. 6 (Waste, Stucco or Plaster)	..	93.00
Group No. 7 (Shorts & Floats)	40.50 to	78.00

BUILT ON A ROCK

Crude Asbestos is the rock on which our business is built. In the Scandura Factories at Cleckheaton and West Auckland it is used to manufacture everything for which asbestos is best, from yarns and cloths to all types of jointings and packings. Our Research Laboratories keep us at the head of development; Asbestos is *our* subject.

THE ASBESTOS DIVISION OF **SCANDURA LIMITED**

A MEMBER OF THE BBA GROUP CLECKHEATON · YORKSHIRE · ENGLAND



Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/28

ASBESTOS PATENTS

U.S. Patents on Asbestos and Asbestos Products, by Oliver S. North.

U.S. Patents may be purchased from The Commissioner of Patents, Washington 25, D.C., at a cost of 50 cents each. Remittance should be in coin, currency, or check, and the number(s) of the patent(s), name(s) of inventor(s), and date(s) of issue should be shown.

U.S. Patents issued from June 13th through July 11th, 1967.

3,326,822—Friction Elements and Methods of Their Manufacture, C. E. Albertson (assigned to Borg-Warner Corporation, Chicago, Illinois), June 20, 1967.

3,326,843—Phenol Formaldehyde Resins and Cured Friction Elements Therefrom, G. Barnett, O. Solihull & K. D. Drakely (assigned to Bakelite Xylonite Limited, a corporation of Great Britain), June 20, 1967.

3,328,186—Coating Composition, K. Louton, June 27, 1967.

3,328,233—Concentration of Asbestos Ore, E. Martinez (assigned to American Smelting & Refining Company, New York City), June 27, 1967.

3,328,322—Process of Making Thermosetting Molding Compositions Containing Alkali-Extracted Tree Bark Fiber, R. E. Kreibich, W. C. Grendon, D. M. Roe, R. E. Ortengren & K. D. Gehr (assigned to Weyerhaeuser Company, Tacoma, Washington), June 27, 1967.

3,328,501—Extrusion Process for Orienting Fibers in Molding Material, I. Barnett (assigned to Johns-Manville Corporation, New York City), June 27, 1967.

1967 Mining Annual Review is now available, at 30/- including postage, from The Mining Journal Limited, London, England. It reviews the mining industry's progress over the past year together with the short-term outlook. The review is in three parts: product by product, country by country, and technologically over the whole mining process. It also contains a buyers' guide, an index to manufacturers, and an index to mining companies.

The chapter on asbestos includes production, marketing, usage, and outlook. Information and statistical data on asbestos appears in items on General Mining & Finance Corporation Limited, Canada, United States, Argentina, South Africa, Rhodesia, Swaziland, Botswana, Mozambique, Ethiopia, Cyprus, Australia, U.S.S.R., Bulgaria, Greece, Finland, Italy, and France.

HUXLEY DEVELOPMENT CORPORATION

Suppliers of Raw Asbestos

TWENTY YEARS OF SERVICE
to the
ASBESTOS INDUSTRY

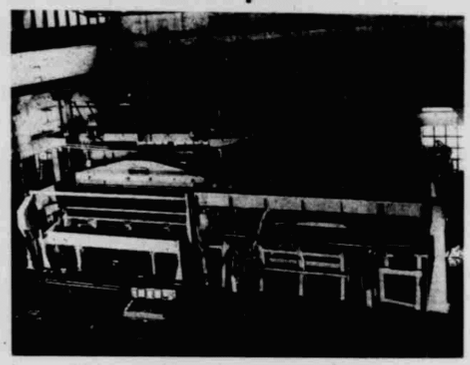
TEL: 212 LT 1-0660
CABLES: WESTOFF
TELEX: 420195

TIME & LIFE BUILDING
ROCKEFELLER CENTER
NEW YORK, N. Y. 10020

Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/29

50 YEARS OF EXPERIENCE

in the field of machinery for asbestos-cement products



RIVA - CALZONI S.p.A.

Company's Capital: 3.000.000.000 Lire

Products of the

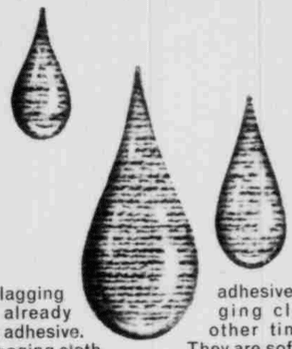
stabilimento CALZONI

Via Emilia Ponente, 72
BOLOGNA, Italy
Telex: 51156 CALZONI
Telephone: 384631

CALZONI

NEW! R/M ADHESIVE-BACKED LAGGING CLOTHS

The adhesive is built in—so you only have to put water on!



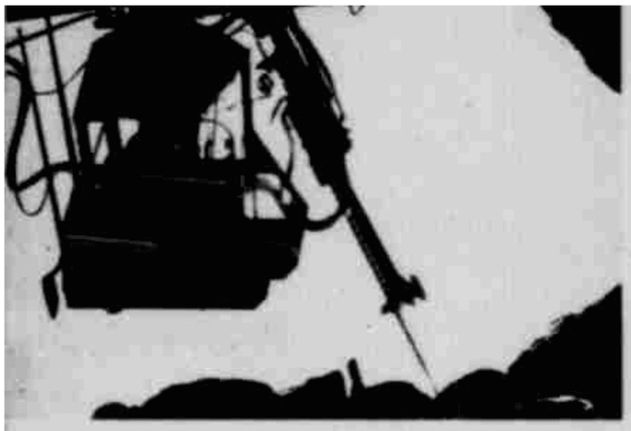
Now R/M lagging cloths are already coated with adhesive. Just wrap lagging cloth on pipes. Then brush or spray on water. Just like that, the cloth adheres. And you'll probably need only one coat of paint.

To shipboard and steam plant installations, R/M adhesive-backed lagging cloths bring other time savings. They are soft and pliable, so wrapping is easy. There's no lint or dusting problem. R/M adhesive-backed cloths are available now in many different styles. Write today for free samples and information.

R/M

ASBESTOS TEXTILE DIVISION
RAYBESTOS-MANHATTAN, INC.
Manheim, Pa. 17545

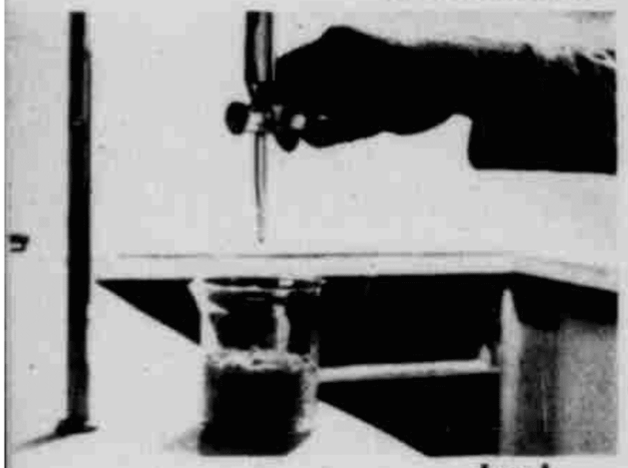
Published by AsbestosClaims.Law
asbestosclaims.law/library/12604/30



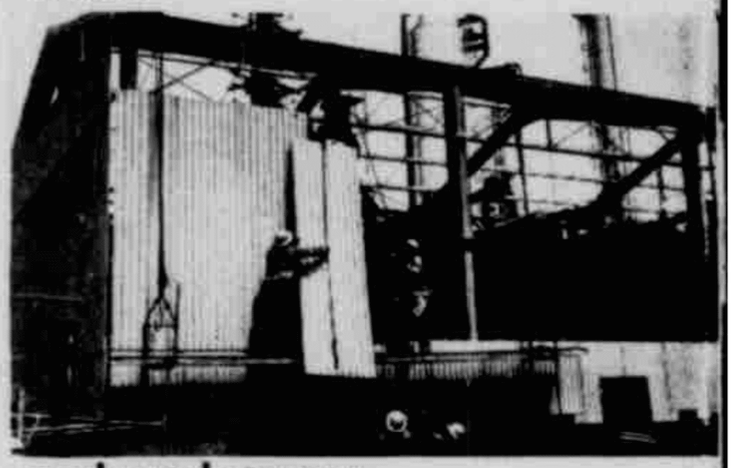
We mine...



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. Dept. A-28.

RUBEROID®

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

Export distribution for Middle Europe handled by:
Heinrich Osthoff-Petrasch, 2 Hamburg 63, Am Karpfenteich 48, Germany
Export distribution elsewhere handled by:
Columbian Carbon International Inc., 380 Madison Ave., New York, N. Y. 10017