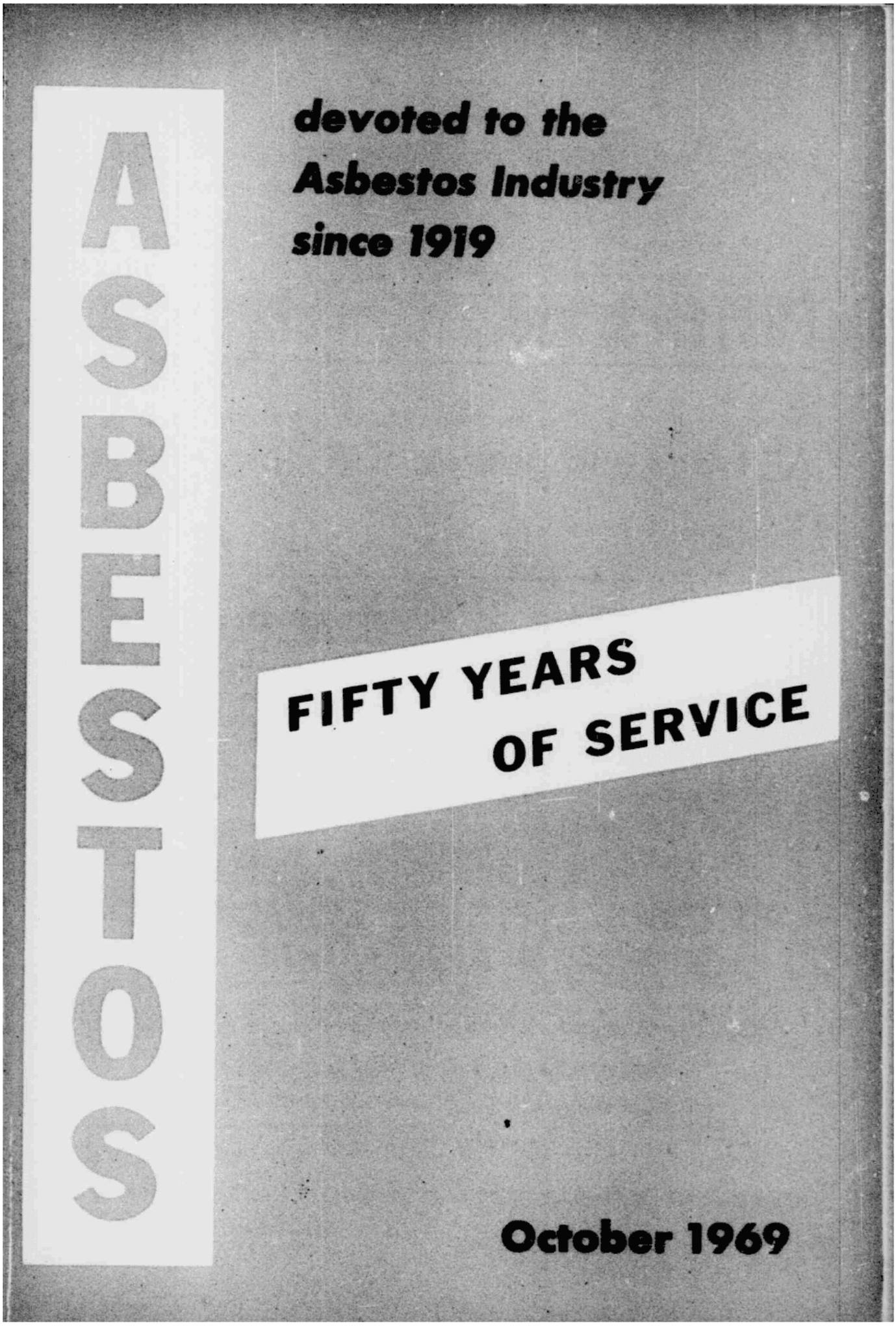


Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/1

PUTTEN'S ASBESTOS CORPORATION

All types and grades of Asbestos Fibres:

CHRYSOTILE • CROCIDOLITE (BLUE)
AMOSITE • ANTHOPHYLLITE

Head Office:

PUTTEN'S ASBESTOS CORPORATION
OF SOUTH AFRICA (PTY) LTD.,

1204, Rand Central, 165, Jeppe Street, P.O. Box 7167,
Johannesburg, Republic of South Africa.
Telegr. address: "Euraf" — Telex: 43-7577 JH.
Telephone: 22-8225

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/2

ASBESTOS

VOLUME 51 OCTOBER 1969 NUMBER 4

FOUNDED JULY 1919 AND PUBLISHED MONTHLY SINCE THAT DATE

CONTENTS

RESEARCH-BASED DEVELOPMENT OF ASBESTOS PRODUCTS 2
IIHRP PROGRESS REPORT 16
ASBESTOS HILL PROJECT 20
BUILDING 24
AUTOMOBILE SALES 26
MARKET CONDITIONS 30
PRODUCTION—IMPORTS—EXPORTS 38
INDUSTRY NEWS 42
PERSONNEL NEWS 48
ASBESTOS STOCK QUOTATIONS 50
ASBESTOS PRICES 52
ASBESTOS PATENTS 54
REMEMBER WHEN? 56

ASBESTOS is indexed regularly by Engineering Index, Inc.

Microfilms of back issues may be obtained from University Microfilms, 300 North Zeeb Road, Ann Arbor, Michigan 48106.

PROPRIETOR: Stover Publishing Company

EDITOR: Doris M. Fagan PUBLISHER: Carrell J. Stover

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 to:

ASBESTOS, 131 North York Road (P. O. Box 471)
Willow Grove, Pennsylvania 19090 Telephone: 215-659-0134

Second Class Postage Paid at Willow Grove, Pennsylvania, U.S.A.

Copyright 1969 Stover Publishing Company

Asbestos Magazine, 1969, October 1969
ACL Doc 12630 · Page 3 of 59
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/3

RESEARCH-BASED DEVELOPMENT OF ASBESTOS PRODUCTS

By: R. A. Wells, O.B.E., B.Sc., F.R.I.C., M.I.M.M.

(Mr. Wells is Research Director with Turner Brothers Asbestos Company Limited, Rochdale, England.)

The fact that asbestos fibers have been known and used for centuries has led to the erroneous but recurrent view that their potential is now fully exploited, their properties well understood and their commercial future steady but unlikely to show major growth. On the contrary, as shown in the table below, there has been a steep rise in asbestos production in the past 50 years or so, 90 per cent of which consists of the particular mineral form known as chrysotile.

World Production of Asbestos Fiber

Year	Metric Tons	Year	Metric Tons
1900	21,600	1940	452,000
1910	77,700	1950	1,065,000
1920	192,300	1960	2,166,000
1930	290,000	1966	3,046,000

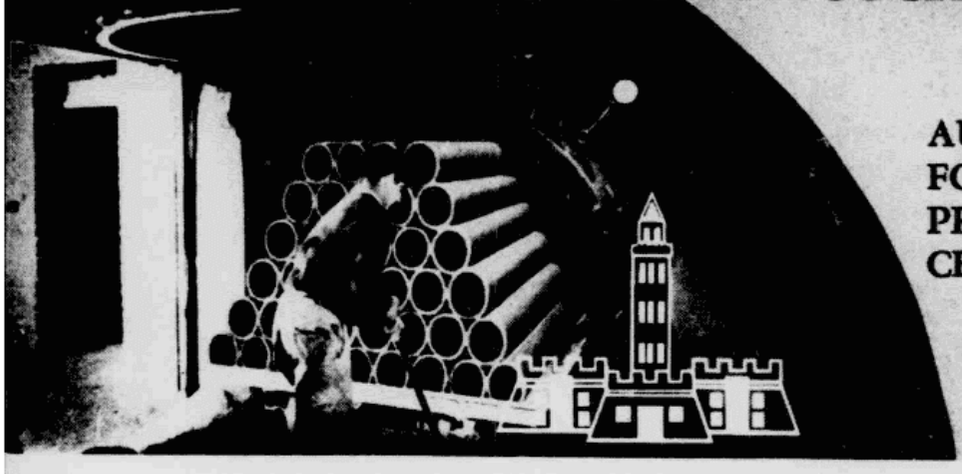
The unique combination of properties exhibited by asbestos leads to its use in a wider range of applications than any other natural or man-made fiber. As outlined in this article, the Asbestos Industry is meeting the challenge of the new materials age by research into fiber structure and properties and into the development of new and improved processing techniques and products.

ASBESTOS STRUCTURE AND PROPERTIES

The properties of chrysotile asbestos can best be understood in terms of its exceptional macro- and micro-fibrous structure. Fiber bundles vary in length from about one millimeter to several centimeters and contain millions of single-crystal fibrils close-packed in parallel. The single fibrils, many microns in length but only a few millionths of a centimeter (0.03 microns) in diameter, are formed from alternate layers of silica and brucite (magnesium hydroxide) sheets rolled into hollow tubular crystals. Figure 1 is an electron micrograph of chrysotile fibers at a magnification of 100,000 times. The cover of the June 1969 issue of ASBESTOS shows a similar micrograph of chrysotile fibers at a magnification of 20,000 times.

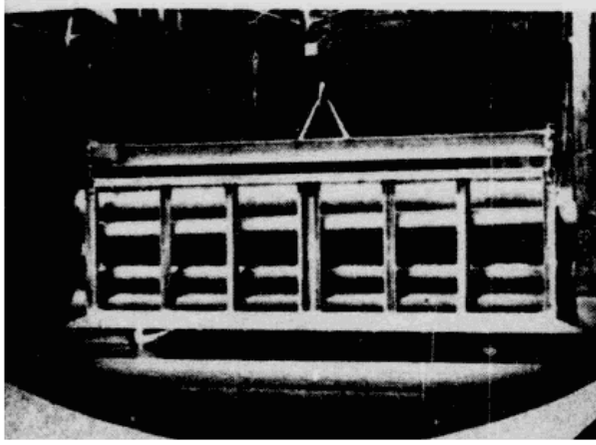
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/4

AUTOMATIC PLANTS TO MAKE SOCKETED PIPES



AUTOMATIC PLANTS FOR MAKING HIGH PRESSURE ASBESTOS CEMENT PIPES

ASBESTOS CEMENT ENGINEERING CO.



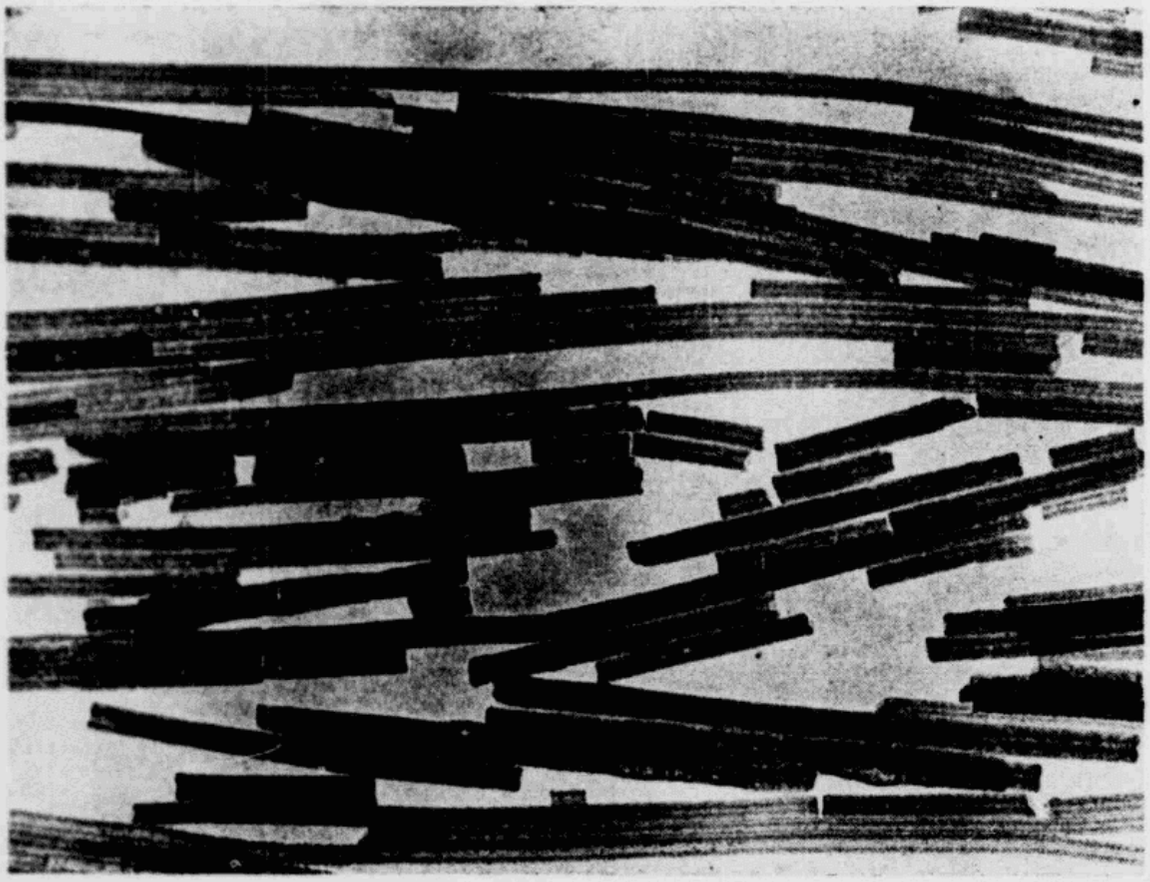
MODERN PLANTS FOR MAKING ASBESTOS CEMENT CORRUGATED AND FLAT SHEETS



This unusual structure is still not fully understood: important questions remaining to be satisfactorily answered are whether the central tube within each fibril and the spaces between fibrils in a fiber bundle are empty or filled. High resolution electron-microscopy indicates an amorphous magnesium silicate as the void-filling material and shows that the

Figure 1

Electron Micrograph of Chrysotile Fiber Magnified 100,000 times



curved layers in the tube wall can take a single-spiral, multi-spiral or concentric form in different fibrils.

Fundamental studies of this type, using the most advanced techniques, are increasing our understanding of the ultimate structure of the fibrils, their mechanism of bonding in fiber bundles and the significant differences in flexibility, strength and ease of opening of fibers from different deposits.

WIDESPREAD USE

For many years advantage has been taken of the high strength and modulus of elasticity of asbestos fiber which are greater, weight for weight, than those of steel wire. This has

HARDMAN'S

The Largest Manufacturers of

ASBESTOS CEMENT FELTS in Great Britain

For 6m., 5m., 4m., 3m., 2m., PIPE MACHINES and all SHEET MACHINES

THOMAS HARDMAN & SONS LTD

FERNHILL MILLS, BURY, LANCASHIRE, ENGLAND.
Tel: 061-764 4825 Cables FELTS BURY Telex: 66477

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/7

led to its widespread use as a reinforcing fiber in resins, rubbers and cements. Since values of tensile strength (up to 700,000 pounds/square inch) and elastic modulus (21,000,-000 pounds/square inch) of chrysotile are obtained on fiber bundles each containing millions of single-crystal fibrils, it is clear that the individual fibrils must be even stronger, stiffer and potentially more effective as reinforcements.

The potential for chrysotile fibrils can be gauged by comparing their properties and price with the highly-priced ultra high performance fibers of silicon carbide and alumina developed in single-crystal form for use in advanced composite materials. The ultra fine fibrilar structure of chrysotile fibers has other potential benefits which are at present far from being fully explored or commercially developed.

The very fine diameter of fibrils places them within the colloidal range and, by using surface-active agents, colloidal dispersions of chrysotile fibers in water can be readily produced. This property permits the development of novel processing methods and yields products having properties quite different from those of normal asbestos materials. Processes have recently been developed for converting colloidal dispersions of chrysotile into textile yarns and into novel lightweight and heat-resistant foam insulation materials.

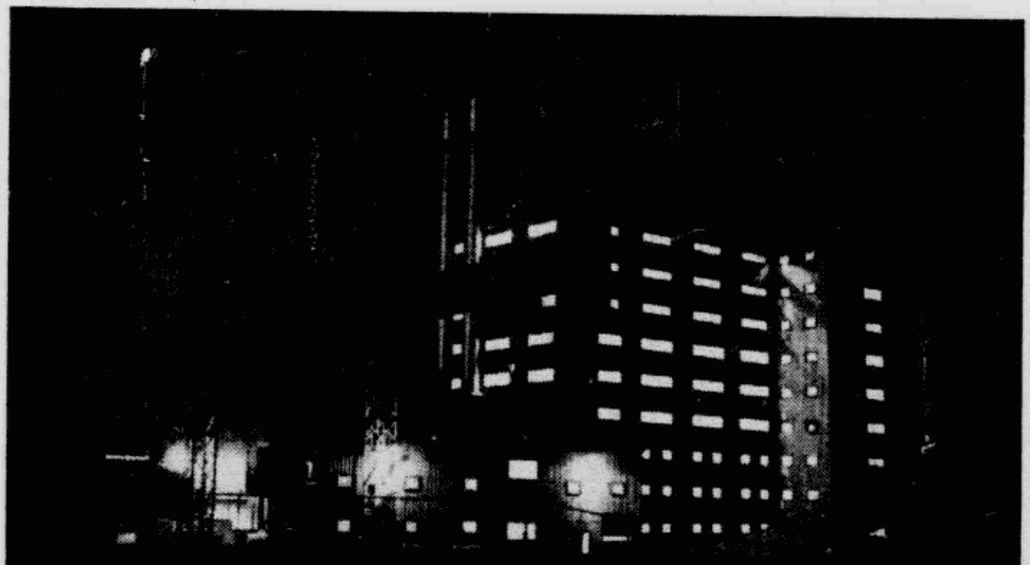
REINFORCEMENT OF PLASTICS

Reference has been made to the potential of chrysotile fibrils as inexpensive high-performance reinforcements but even conventional fiber bundles are capable of giving much stronger reinforced plastics than are produced commercially at present.

Developments reported recently by the Explosives Research and Development Establishment of Britain's Ministry of Technology show that the reinforcing potential of asbestos fibers can be most fully realized by the use of specialized alignment techniques. Asbestos-reinforced epoxide laminates have been produced with tensile moduli of 12-14,000,000 pounds/square inch and tensile strengths of the order of 100,000 pounds/square inch. In these products the fibers are aligned not only in the plane of the laminate but also in the direction of the major applied stresses.

The use of asbestos cloths and papers to reinforce phenolic resins has been known for many years and is based on

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/8



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/12630/9

the high modulus and heat resistance of asbestos fibers. Asbestos cloth laminates, because of their construction and crimp in the yarns, do not fully utilize the inherent high tensile properties of the fibers. On the other hand, the gradation of resin content from the inside of the yarns to the outside provides a structure with good energy-absorbing properties, and cloth-reinforced laminates are tough and shock-resistant, as is evidenced by their use in gears and bearings. For example, the asbestos cloth reinforcement in Ferobestos phenolic laminates[1] provides the dimensional stability and resistance to water necessary for steel-rolling-mill bearings where extreme compressive strength and toughness must be combined with the ability to retain close dimensional tolerances.

In recent years new asbestos reinforced products have been developed in which the fibers are aligned to a marked degree in the plane of the laminate and more of their inherent strength can be utilized. Materials of this type are exemplified by Durestos asbestos/phenolic felts in the thermoset class and Duraform asbestos/polyvinyl chloride (PVC) sheet in the thermoplastics class[2]. The latter is formed from an intimate dispersion of asbestos fibers in PVC homopolymer and has virtually all the fibers lying substantially in the plane of the sheet. The table below shows the relative properties of several different types of asbestos reinforced polymers.

Type of Material	Tensile Strength (psi)	Tensile Modulus (psi x 10^6)	Flexural Strength (psi)	Flexural Modulus (psi x 10^6)
Asbestos cloth/ phenolic resin	6,500	1.5	15,000	1.3
Asbestos felt/ phenolic resin	42,000	4.6	60,000	4.5
Asbestos reinforced PVC sheet ("Duraform" sheet)	15,000	2.5	30,000	2.0

The high strength-weight ratio of the non-woven asbestos reinforced materials such as Durestos has made them useful for the production of aircraft drop tanks and for use in hot air ducting in aircraft such as the Comet IV. Resistance to wear and penetration by spike heels is responsible for their use in aircraft cabin floors and their high dimensional stability

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/10



ASBESTOS CEMENT REQUIRES EXPERIENCE

We offer that experience we got by constructing and setting operating 50 complete plants all over the world.

SLURRY PREPARATION

Automatic dosage of the asbestos mix — Pneumatic asbestos transport — Asbestos fibre processing by Kollergang — Pneumatic transport and automatic dosage of cement — Slurry preparation by turbomixer — Normal and forced feed — Hydropulper — Water recuperators.

PIPE PLANTS

3-4-5-6 mts. pipe machines — Nom. diameters 50 to 1800 mms. with fully automatic equipment — Automatic and semi-automatic loaders for pipe machines — Central control board — Pipe maturing conveyor and tunnel — Automatic lathes for asbestos-cement pipes and joints — Automatic testing presses for pipes and joints.

SHEET PLANTS

Variable speed sheet machines with 2-3-4 sieve cylinders — Automatic cutting bench and pneumatic corrugators — Stacker — Sheet maturing tunnel — Rotating and bridge type Destacker — Mould lubricator.

We are not only a consulting office but we have been constructing exclusively machines for the asbestos-cement Industry for 20 years.

R. C. M.

Corso P. Colletta 85 - Tel. 23.38.23 - Cable add. ERCIEM-TORINO
Telex 21307 - P.O. BOX 468 - 10100 TORINO

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/11

and weather resistance has permitted their use in large ground-based antenna installations, particularly large radar reflectors.

Advantage is taken of the endothermic degradation (ablation) of asbestos/phenolic laminates in many of today's missiles and space vehicles to provide protection against re-entry temperatures. New varieties of asbestos-reinforced ablative materials are being developed and tested for even more demanding missile and rocket motor applications.

High strength coupled with low heat conductivity has enabled Durestos to be employed for window frame insulators in the Anglo-French supersonic airliner Concorde, and for more mundane applications such as heat shields and flame barriers in automobiles and boats. Furniture manufacturers have taken advantage of the low-pressure molding characteristics of these materials and their ability to accept and retain staples and tacks.

A new range of asbestos reinforced thermoplastic polymers for use in injection molding applications is becoming available. The latest of these is Arpylene, an asbestos reinforced polypropylene[2]. Others are being developed and will provide new high-strength compounds at prices little different from those of the unreinforced polymers.

ENGINEERING APPLICATIONS

Many years ago advantage was first taken of the high strength and chemical and heat resistance of asbestos fibers in the manufacture of jointing and packing materials. In these fields, too, advances are being made by better utilization of the inherent properties of asbestos fiber. New jointing materials with improved compressibility and sealing properties enable machines to work at higher efficiencies.

For the automotive industry, jointing materials with controlled swelling properties have helped to overcome sealing problems in the production of "dry" automotive engines. In these jointings, the polymer system is deliberately designed to absorb a controlled proportion of the contained fluid, thereby swelling and sealing any flange irregularities. The swollen gasket does not disintegrate because of the interlocking matted structure of the contained asbestos fiber.

In other jointings, rubber polymers reinforced with asbestos are used in conjunction with sheet metals; the metal

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/12

Asbestos in Marrakech.

We don't mean Marrakech, the Moroccan city famous for its beautiful tiles and mosaics.

We mean Marrakech, the J-M Vinylcraft® floor tile. As beautiful and exotic looking as the city it's named for.

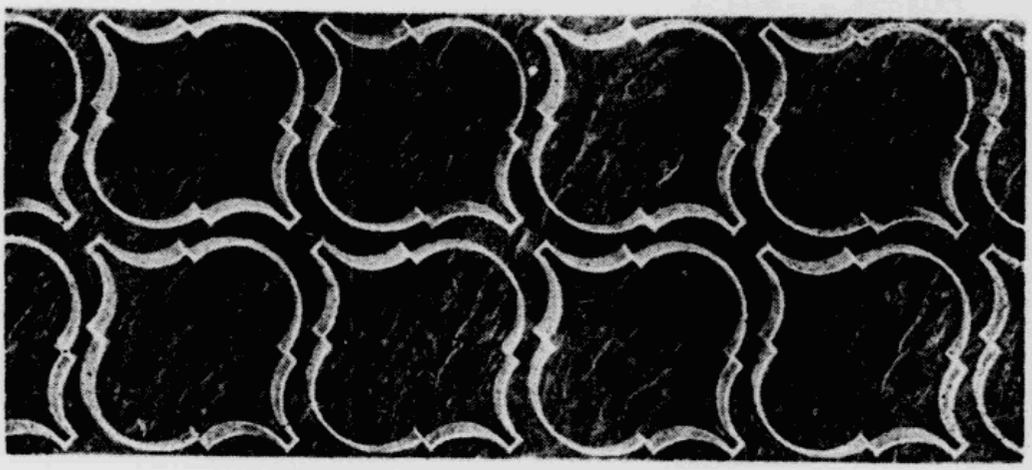
The reason you'll find our asbestos in Marrakech is pure and simple. When fortified with asbestos fibers, Vinylcraft tiles wear like—well, like asbestos. Even under the most challenging conditions.

J-M asbestos adds strength and fire-retardant qualities to many products for the home—siding, roofing, floor and ceiling tiles, to name just a few.

How can asbestos improve your products? We'd like to show you. Contact your local J-M representative. Or the Canadian Johns-Manville Co., Ltd., Box 1500, Asbestos, P.Q. Or Johns-Manville, Asbestos Fiber Sales, Manville, New Jersey, U.S.A.

JM

Johns-Manville



Asbestos Magazine, 1969, October 1969
ACL Doc 12630 · Page 13 of 59
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/13

gives reinforcement and complete dimensional stability, asbestos and polymer give resilience and sealing. Examples are wire reinforced C.A.F. (compressed asbestos fiber jointing)[2] and plain and perforated steel reinforced jointing of the Cemjo type[3]. Recently, the conventional copper rings used for sealing the cylinder head joints of large diesel engines have been replaced by a special type of spiral wound asbestos gasket[4] in which a thin strip of C.A.F. is plied to a strip of metal and the laminate spirally wound. The problem of handling large, hot metal or glass sheets during manufacture has been solved by the use of rollers made from asbestos millboard. The rollers do not damage the hot sheets and, due to their low thermal conductivity, do not produce heat shock in the material being processed.

TEXTILES

Mention was made earlier of processes for the production of textile yarns from dispersions of asbestos. A range of such textiles has recently been marketed under the name of Fortex materials. These are based on yarns made entirely from asbestos which have a smooth white appearance and are virtually dust free. Yarns as fine as 25 tex are available, as are tapes and cloths woven from them.

A new aluminized asbestos cloth having an extremely high reflectivity and good wear properties is now available[2] for the production of fire resistant clothing. Wearing such garments, firemen and rescue teams can work in close proximity to fires, even in the flames for short periods.

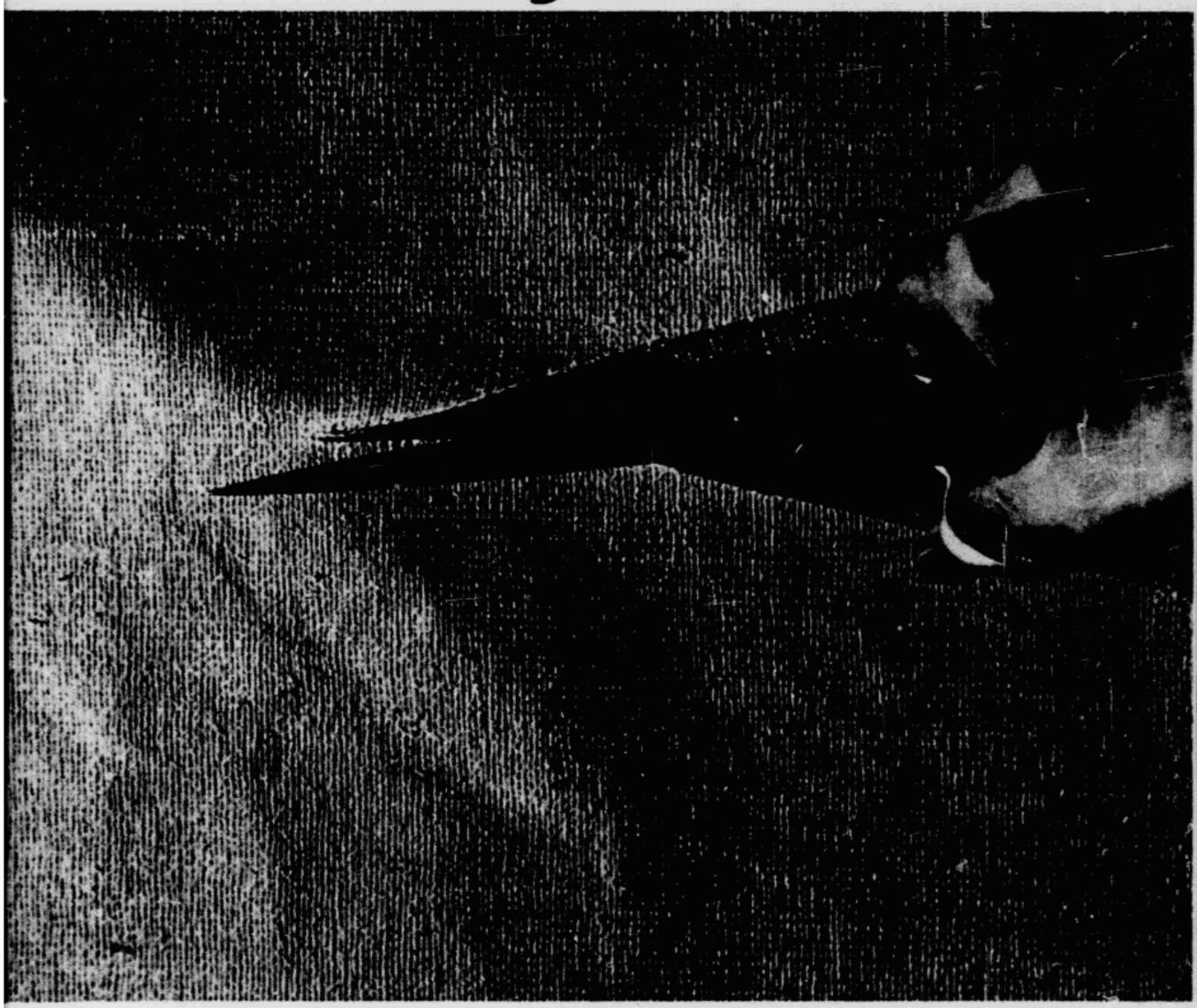
BUILDING APPLICATIONS

The use of asbestos in building products is expanding continuously, both in volume and in variety of application. Of recent interest has been the testing of asbestos products for use in fire-safe, low-cost housing. In these tests, complete houses containing walls, ceilings and roofs of asbestos-cement type products with asbestos reinforced PVC sheet claddings, soffits and fascias (Duraform) have been employed. Two of the houses, fully furnished, were recently tested to destruction by the Fire Research Organisation in England and proved extremely difficult to destroy. After 70 minutes of total fire downstairs the ceilings and interior walls were still intact and presenting a fire barrier

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/14

UNIROYAL

Asbeston is not like ordinary asbestos.



Asbeston® is ordinary asbestos, except that it's been spun and woven, brushed and calendered, to get a smoother, fuller fiber cover. It's stronger per pound, lighter per yard and easier to work with.

As yarn or fabric, Asbeston comes in the widest variety of weights and sizes for every application. For details, write: Uniroyal Fiber and Textile, 350 Columbia Road, Winnsboro, South Carolina 29180.

While asbestos has been known longer than many fibers, in many ways it is one of the newest. As fundamental research leads to an increased understanding of its structure and properties, and innovation is stimulated by the challenge of ever-increasing demands on quality and performance, new applications for asbestos will no doubt emerge and advantage will continue to be taken of the availability of this low-cost, high strength, natural fiber.

References to Suppliers of Products:

(1) J. W. Roberts Limited, Horwich, Bolton, Lancashire, England.
(2) Turner Brothers Asbestos Company Limited, Rochdale, Lancashire, England.
(3) Engineering Components Limited, Slough, Buckinghamshire, England.
(4) Wood Brothers & Company (Gaskets) Limited, Marsh Works, Dewsbury Road, Cleckheaton, Yorkshire, England.

TIAC ANNUAL MEETING—New officers and directors were elected at the 7th Annual Meeting of the *Thermal Insulation Association of Canada*, held last month. Charles Y. Thompson, President of Cutler Thompson Limited and Vice President of Vincent Cutler Insulation Limited, is the newly-elected President of the Association. The convention theme "What Happened To Profit?—(Are You Part of the Answer or Part of the Problem?)" drew an attendance of 190 people concerned with thermal insulation contracting, distributing, supplying and manufacturing. Also present was a delegation from the Insulation Distributor-Contractors National Association, Inc., (U.S.A.).

A moderated panel discussion explored the relationships of owners to contractors. Another panel was concerned with auditing and management consulting roles in the profitabilities of contracting. There were also panel presentations on "New Products" including papers entitled "What's New?," "Space Age Insulations and Their Industrial Off-Shoots," "New Products—Adhesives & Coatings," and "Thermal Insulation in Building Construction."

In addition, plans were finalized for the *8th National Convention* which will be held September 8-12, 1970, at the Algonquin Hotel, St. Andrews By-The-Sea, New Brunswick.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/16



Flatten rising costs. Improve product uniformity and purity.

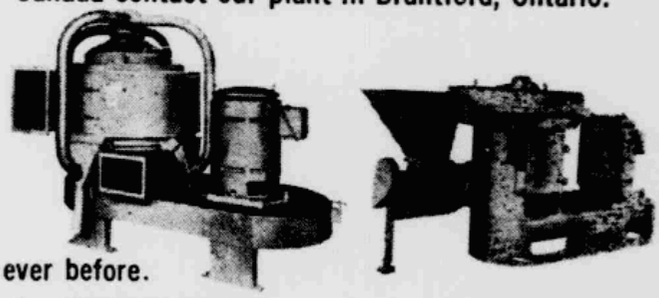
Use the Bauer one-two punch.

Want to make a better product at lower cost? Or a new, finer product for new markets? Investigate the Bauer Hurricane Pulverizer-Classifier and Centri-Sonic Classifier. This one-two combination is streamlining production, saving space, reducing labor and operating costs, and improving quality in many plants.

The Hurricane Pulverizer-Classifier is a rugged air attrition mill with integral classifier. Applications include opening shorter grades of fibre to controlled levels, processing groups 5, 6, 7, as well as floats and tailings, and extracting impurities from usable fibres. Also excellent for recovering usable fibre from material normally sent to the tailings dump, and for classifying fibres collected in dust filters, etc. Simultaneously, this one machine pulverizes, provides sharp classification, extracts impurities, and air conveys material to next operation. Sizes to 150 HP.

When fibre cannot be separated from gritty impurities by conventional methods, add the Centri-Sonic Classifier. This high capacity centripetal classifier does the job with ease! Three sizes, up to 100 HP and 10 tons per hour. Ask for descriptive Bulletins G-4 and G-8.

The Bauer Bros. Co., Springfield, Ohio 45501. In Canada contact our plant in Brantford, Ontario.



BAUER More for you . . . than ever before.
A subsidiary of Combustion Engineering, Inc.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/17

IIHRP Progress Report

The third Insulation Hygiene Progress Report (Fall 1969), issued by the Insulation Industry Hygiene Research Program (IIHRP) indicates considerable progress in certain areas of this cooperative effort to minimize exposure of insulation workers in particular, and construction workers in general, to dusts and fumes encountered in their work.

Two types of containers designed to provide dust-free mixing of asbestos insulating cement have been submitted to IIHRP and field testing of them started in September. Both containers are waterproof plastic bags in which the material will be packaged at the factory and both provide means for introducing water into the bag and mixing the cement to the desired consistency before opening the bag. One bag was developed independently by B. M. McBrien of Waterloo-Kitchener Insulation Limited, Waterloo, Ontario, an insulation contractor. The other was selected by Johns-Manville Corporation from a number of suggested designs. The bags differ mainly in the manner in which water is introduced. Both will be tested to determine optimum bag size and worker acceptability.

Further field tests of the newly designed respirators indicate the latest filter elements are quite acceptable but further work must be done on the face-pieces to make them more comfortable and effective for the wearers.

Also announced were two new appointments to the staff of IIHRP. William B. Reitze, a member of the environmental control staff at the Johns-Manville Research and Engineering Center has been assigned full time duties as Director of Field Studies, IIHRP, and Dr. Harry Heimann, recently on the faculty of the Harvard University School of Public Health, has joined Mount Sinai's Environmental Laboratory and the IIHRP. Both these men have had wide experience in the fields of air pollution and occupational health and the addition of their skills and experience can be of great aid to the IIHR Program.

Also announced was the development of a code of industry practices by the Sprayed Mineral Fiber Manufacturer's Association of New York, the New York Plasterer's Association and Mount Sinai's IIHRP, establishing new industry practices and control procedures for the application of fire-

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/18

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/12630/19

proofing insulation materials on construction projects in New York City. Standards have been set for the quality of sprayed fiber materials and control procedures have been established to require complete containment of such materials within the sprayed areas on construction sites.

Considering the rather short time IIHRP has been active, progress made to date is most encouraging and is indicative of what may be accomplished through complete co-operation of industry, labor and science, working toward a common goal.

Copies of this Progress Report and subsequent issues may be obtained by writing Mr. Matthew M. Swetonic, Public Relations Department, Johns-Manville Corporation, 22 East 40th Street, New York, New York 10016.

A SYMPOSIUM ON COATINGS IN SPACE will be held December 11-12 during the *American Society for Testing and Materials'* 1969 Winter Meeting at the Netherland-Hilton Hotel, Cincinnati, Ohio, December 7-12. The symposium, cosponsored by ASTM and NASA, will highlight the effects of space radiations (pulsed or steady state), especially indigenous space radiations including Van Allen belt electrons and protons, on coating materials. The materials include thermal control coatings, paints, reflective coatings, protective covers, windows and conformal coatings, but will exclude thin film devices.

MINERAL ENGINEERING MANAGEMENT SEMINAR will be conducted November 10-14 by the *Pennsylvania State University* at its University Park Campus. The Seminar will provide participants with an understanding of the tools, techniques and attitudes necessary to implement managerial decisions and to resolve some of the special kinds of problems that are encountered in the extractive industries. Further information may be obtained from: The Conference Center, 410 J. Orvis Keller Building, The Pennsylvania State University, University Park, Pennsylvania 16802.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/20

SCAPA

will . . .

* **SUPPLY** the felts best suited for your asbestos-cement production . . . Batt-on-Base . . . Needle Reinforced . . . Scapa Needled . . . whether you require smooth surface or the greatest knuckles

* **DELIVER** the felts you require anywhere in the world . . . and deliver ON TIME

* **ENSURE** that the Scapa felts you use are stable and consistent in quality

YOUR ENQUIRIES ARE INVITED

SCAPA DRYERS LTD.

BLACKBURN, ENGLAND

WAYCROSS, Ga., U.S.A. **JOLIETTE, P.Q., Canada**

ASBESTOS HILL PROJECT

The subarctic wilderness of Northern Ungava in New Quebec, Canada, may soon become the scene of resumed asbestos mine development. Barring a major reduction in federal government tax incentives to mining companies, indications are that *Asbestos Corporation Limited* will bring its Asbestos Hill project into production early in 1970. The orebody is located south of Deception Bay, 300 miles below the Arctic Circle and over 1200 miles due north of Montreal.

Asbestos Corporation, the second largest Chrysotile asbestos producer in Canada, began developing the property in 1962. The company had spent over $25 million on the project before ceasing further activity in 1967 due to uncertainty of future federal tax policy and unexpected cost increases. Shortly before the announced postponement of development work at Asbestos Hill, the Carter Royal Commission on Taxation had recommended the elimination of tax incentives to mining companies, particularly in instances of new mine development.

Asbestos Corporation now plans an operation that would provide employment for approximately 200 personnel and would produce 100,000 tons of fiber annually, all for export.

Clarification of federal tax policy is expected when the Canadian Federal Finance Minister tables a White Paper on taxation. According to W. W. Oughtred, President of Asbestos Corporation, "The contents of the White Paper and ensuing legislation will definitely influence our decision whether or not to proceed with Asbestos Hill. The costs of an operation on this scale cannot be borne without federal tax incentives at least equivalent to those currently in effect. The project will open up a remote area of the Province for further mining activity and provide jobs as well as a steady stream of orders for equipment dealers and suppliers throughout Canada."

Strong and growing markets in over 70 countries are increasing pressure on Chrysotile asbestos producers in Canada and around the world to develop new sources for the fibrous mineral. With world demand for asbestos rising by an average of 5% per year, industry economists foresee the distinct possibility of a worldwide asbestos shortage by mid-1970.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/22

ASBESTOS CORPORATION LIMITED

REPRESENTATIVES THROUGHOUT THE WORLD

ARGENTINA
Gerstmann & Deutsch,
P.O. Box 1599,
Buenos Aires

AUSTRALIA, NEW ZEALAND
James Hardie Trading Co. Pty Ltd.,
9-25 Commonwealth St.,
Sydney, N.S.W.

Hardie Trading Ltd.,
594 St. Kilda Road,
Melbourne, S.C. 3, Australia

Hardie Trading Co. (N.Z.) Ltd.,
4-8 Greenpark Road,
Penrose, Auckland, N.Z.

BELGIUM
Jos. Ide & Fils,
10, rue Marianne, Bruxelles 18

BRAZIL
Henri A. A. F. Van Deursen,
Caixa Postal 717, Sao Paulo

BURMA, WEST PAKISTAN, INDIA, THAILAND, PHILIPPINES, AFGHANISTAN AND LAOS
G. Williams & Co., Private Ltd.,
1/1 Kimber St., Calcutta 17, India

COLOMBIA
Casa Colombiana Comercial,
Apartado Aero 408, Barranquilla

DENMARK
J. Haugaard Larsen A/S,
30, Guldagervej,
Copenhagen, Vanlose

FINLAND
Oy. Esope AB.,
P.O. Box 13233, Helsinki

FRANCE
Georges Parly & Cie,
10, rue de la Pepinière, Paris (8e)

GERMANY, AUSTRIA, HUNGARY
Becker & Haag,
Ferdinandstrasse 58,
Hamburg 1, Germany

ISRAEL
Manfred Gottesmann,
P.O. Box 1252, Tel-Aviv

ITALY, GREECE, TURKEY, LEBANON, LIBYA AND SUDAN
Fibramianto, Societa a.R.L.,
Piazza P. Clotilde, 6,
Milan 501, Italy

JAPAN
Nissho-Iwai Co. Ltd.
1-10 Edobashi Nihonbashi
Chuo-ku, Tokyo

KOREA
Dongmee International Ltd.,
P.O. Box "International" 1224,
Seoul

NETHERLANDS
Th. J. Verwaaijen & Co. N.V.,
Graafstroomstraat 51,
Rotterdam-8, Holland

PORTUGAL
Mundial Export Corporation,
500 Fifth Ave.,
New York, N.Y., 10036, U.S.A.

SOUTH VIETNAM, HONG KONG, MALAYSIA, CAMBODIA, EAST PAKISTAN AND SINGAPORE
International Import-Export Ltd.,
G.P.O. Box 2584,
Singapore, Malaysia

SWEDEN
G. & L. Beijer Import & Export AB,
P.O. Box 16043, Stockholm 16

TAIWAN
Yah Sheng Chong Yung Kee Co. Ltd.,
198 Nanking East Road, Section 2,
Taipei

UNITED KINGDOM
A. A. Brazier & Co. (Asbestos) Ltd.,
Newby House,
309 Chase Road, London N. 14

VENEZUELA
PROQUIM C.A.,
Apartado 5649, Caracas

Asbestos Magazine, 1969, October 1969
ACL Doc 12630 · Page 23 of 59
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/23

TBA LITERATURE—Asbestos is a unique and intriguing mineral about which many people know little or nothing. In fact, it is one of those products which is seldom seen, usually ignored and always taken for granted. To combat this lack of general knowledge, *Turner Brothers Asbestos Company Limited* has published a colorful and informative *"Wall Chart"* which illustrates some of the everyday applications for the materials they produce from asbestos. The chart supplements TBA's very comprehensive booklet *"The Mineral Asbestos"* which contains information on the history, mineralogy, properties and varieties of asbestos. It also describes the uses of the various types of fiber, basic fiber processing methods and the basic procedures for the manufacture of materials such as asbestos-cement products and asbestos textiles. The back of the booklet contains four formula tables and a map indicating the main asbestos mining countries in the world.

HAMMERMILL CATALOG HM-82 describes *Simplicity Engineering Company's* new line of Hammermills. The publication provides complete design information — from a full description of the 4-edge hammer assembly to a listing of the mill's shredder applications when equipped with ring hammers, 4-edge or 6-edge blades. It also contains specification and capacity rating tables and a questionnaire that can be filled out and mailed to Simplicity for quick evaluation of individual equipment requirements.

Cable Address "Fraruggles" Telephone (201) 379-2186

ASBESTOS FIBRES

ASBESTOS WASTE

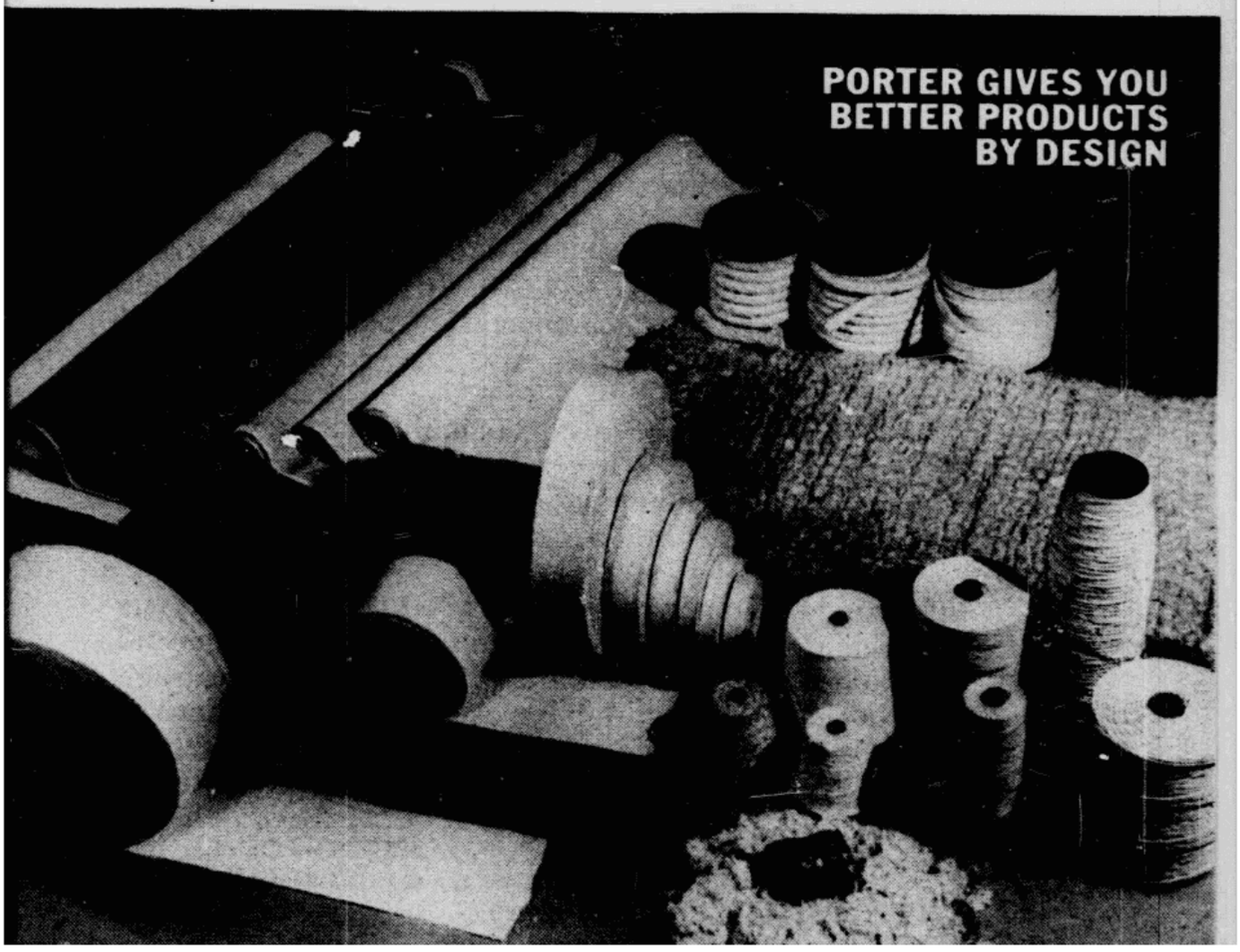
Frank G. Ruggles Co., Inc.

POST OFFICE BOX 301 SHORT HILLS, N.J. 07078

PORTER

Thermoid asbestos textiles: quality engineered

Thermoid starts with the best grade of fibers to make the finest asbestos textiles. The line includes cloth, carded fiber, roving, yarn, cord, thread, wick, rope, and tubing from Commercial through AAAA grades. All are made in one of the industry's newest plants. Thermoid asbestos products are available with glass-reinforced yarns and a variety of chemical treatments, coatings, and finishes. Write Thermoid, H. K. Porter Company, Inc., Pittsburgh, Pa.



Building

From: McGraw-Hill Information Systems Company

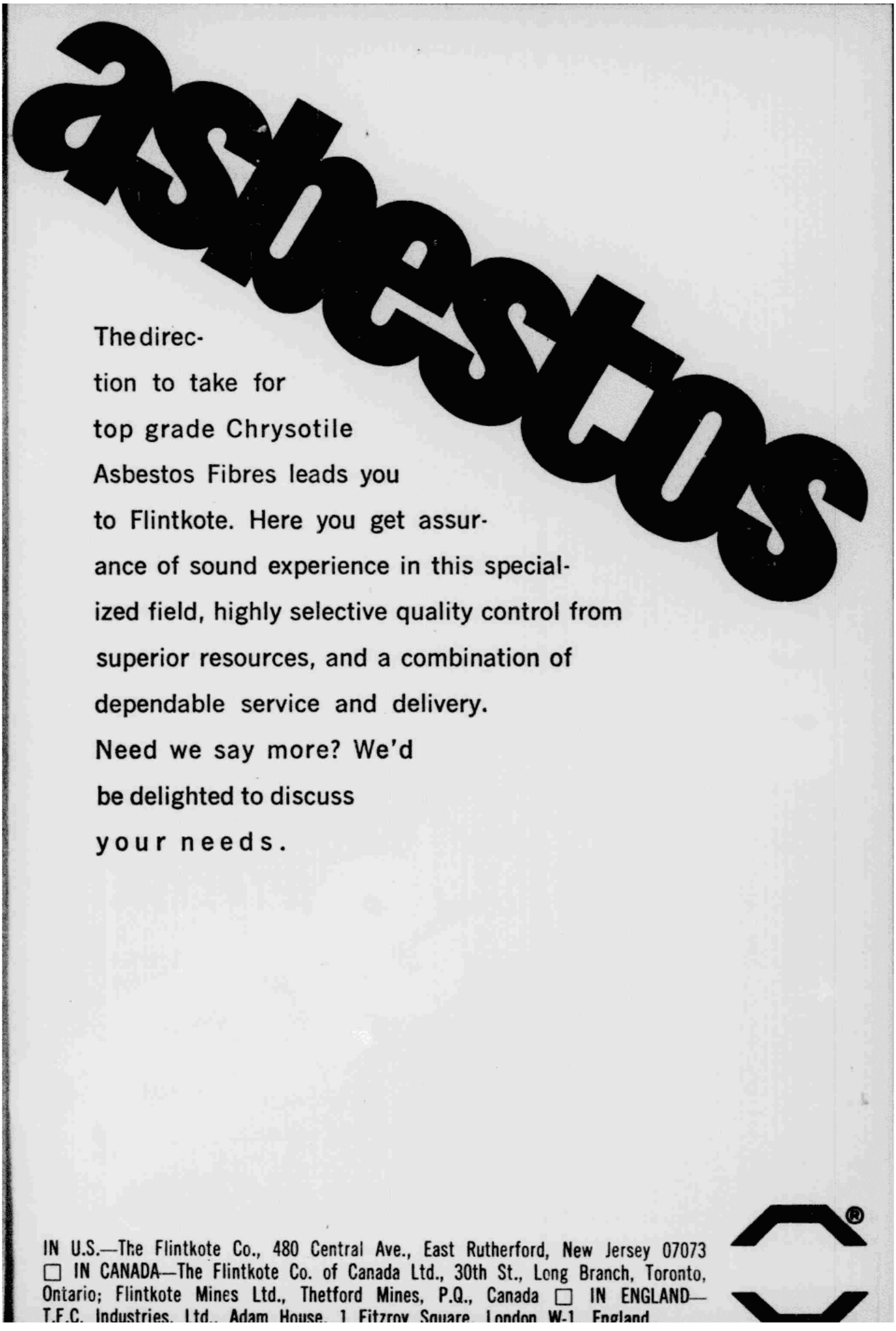
AUGUST 1969—The Dodge Index of construction contract value advanced sharply in August. Ahead 3% over last August, a total of $6,523,493,000 in newly-started construction projects sent the seasonally-adjusted Dodge Index to a new high of 216 (1957-59 = 100). The August surge reversed a two-month decline which had carried this indicator of new construction activity to the year's low of 176 in July. The sharp upturn was more the result of a concentration of large projects than a revival of the sustained strong demand for construction that prevailed earlier this year. The total contained a dozen projects valued at $25 million or more, an unusually large number for one month. These included a $300 million electric generating plant in Tennessee and an additional $250 million for construction of three new buildings forming part of New York's World Trade Center. The decision-making process for projects of this size stretches a long way back, and is quite independent of economic conditions at the time the start actually takes place. Despite the spurt in August, the general drift of the construction contracting index is expected to be downward so long as monetary and fiscal restraints remain in force.

Nonresidential—Sharp gains in contracting for commercial and public administration buildings—both involving the World Trade Center—boosted August nonresidential building contracts to $2,460,041,000, 16% above the value last August. Contracts for manufacturing plants, educational buildings and hospital facilities also showed moderate increases.

Residential—A decline in single family housing was more than offset by a strong showing in apartment construction and a big gain in nonhousekeeping (hotel) residential construction. The month's total contract value of $2,394,360,000 was 4% above last year's figure.

Nonbuilding—Totaling $1,669,092,000, August contracts for nonbuilding construction (including highways, sewer and water facilities, and utilities) were 12% below their year-ago amount. However, the total for last August was exceptionally large and the latest month's contracts (even with the year-to-year decline) were very strong in relation to recent trends.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/26



Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/27

Automobile Sales

JULY 1969 motor vehicle factory sales from plants in the *United States* totaled 617,143 (passenger cars—465,172, trucks and buses—151,971). The total for July 1968 was 773,085.

Motor vehicle factory sales from plants in *Canada* totaled 70,678 for July 1969 compared with 72,244 in July 1968.

CERTAIN-TEED PRODUCTS CORPORATION is offering a free, pocket-size *sewer pipe calculator slide rule* along with a booklet of instructions and suggested uses. The slide rule is useful to those involved in water pollution control to estimate requirements and to determine the most economical pipe size for optimum results in any system. Coefficients are derived from the Manning Formula. The reverse side of the slide rule is a pressure pipe calculator.

Producers and Exporters

of

SOUTH AFRICAN RAW ASBESTOS FIBRES

VALLEY ASBESTOS (PTY) LTD.

P. O. BOX 9131

VOLKSKAS BUILDING · 76 MARKET STREET

JOHANNESBURG — Republic of South Africa

We are represented in most European Countries,

also in U.S.A., Japan and Far East.

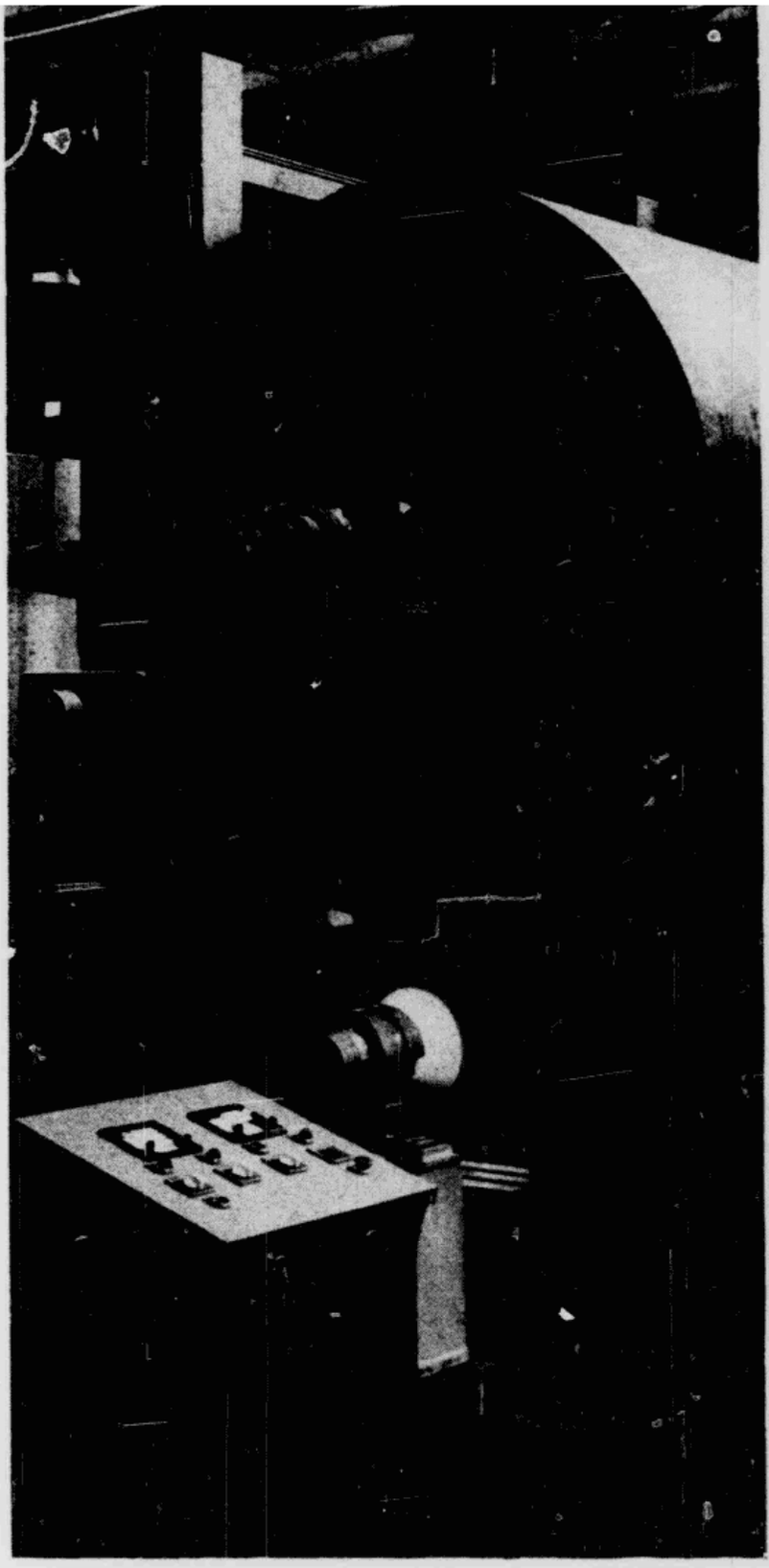
Published by AsbestosClaims.Law

asbestosclaims.law/library/12630/28

VOITH

developed
a fully automatic
asbestos cement
sheet production line
by which
SPECIAL PROFILES
up to 7,3 m length
can be produced
with highest precision.

Our
projecting department
plans for you
„ready-for-operation"
plants,
our workshops
build for you
machines
of mature design.

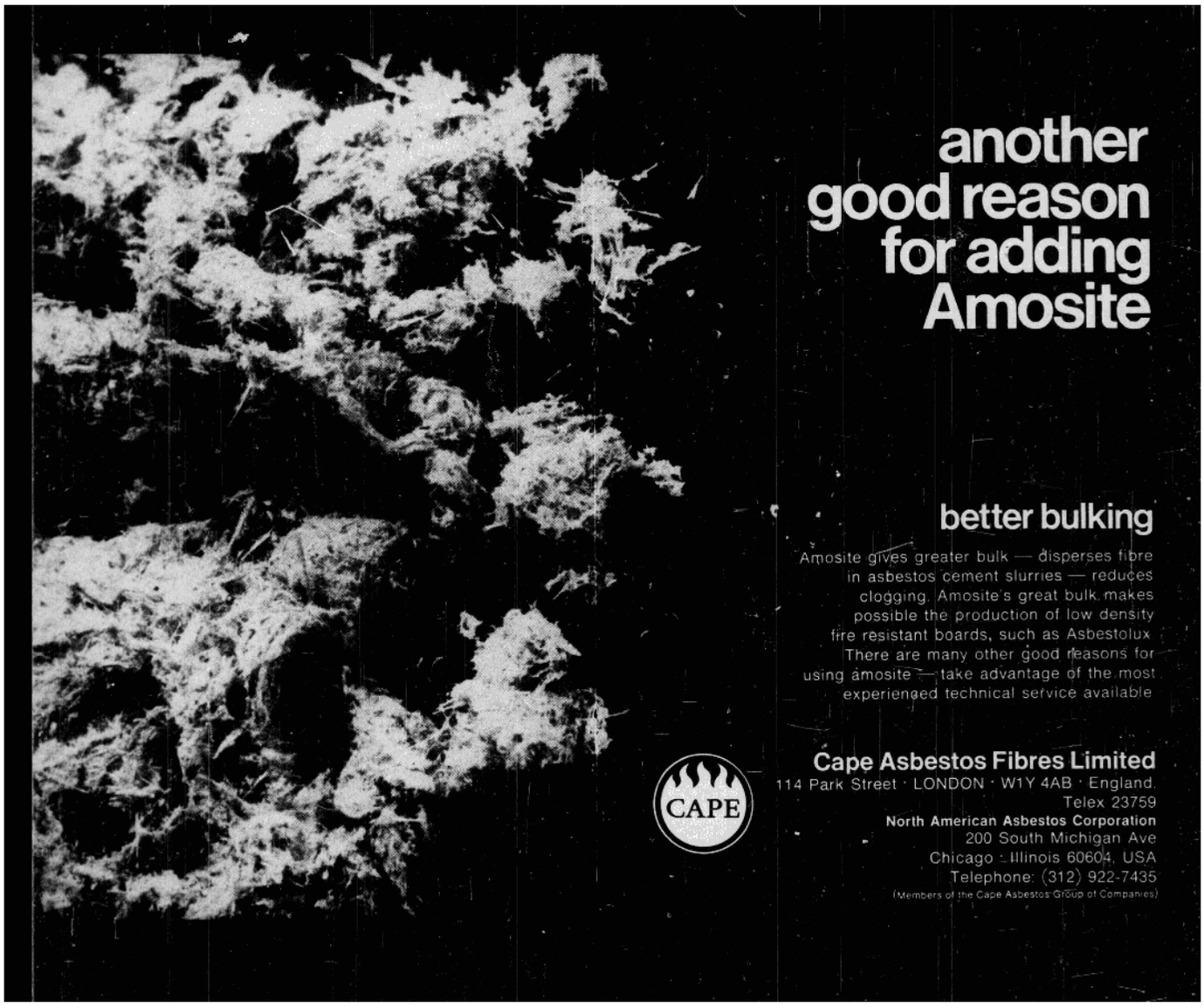


J.M.VOITH A.G.
3100 ST. POELTEN, AUSTRIA

SM 924

POB 168 – TELEX 015 510 – CABLE VOITHWERKE

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/29


another
good reason
for adding
Amosite
better bulking
Amosite gives greater bulk — disperses fibre in asbestos cement slurries — reduces clogging. Amosite's great bulk makes possible the production of low density fire resistant boards, such as Asbestolux. There are many other good reasons for using amosite — take advantage of the most experienced technical service available
CAPE
Cape Asbestos Fibres Limited
114 Park Street · LONDON · W1Y 4AB · England.
Telex 23759
North American Asbestos Corporation
200 South Michigan Ave
Chicago · Illinois 60604, USA
Telephone: (312) 922-7435
(Members of the Cape Asbestos Group of Companies)

MARKET CONDITIONS

General Business.

There are increasing signs that a slowdown is under way in several sectors of the economy. Consumers are resisting the constant increases in prices of almost everything they buy and studies of retail sales indicate spending for goods other than necessities is decreasing at a discernible rate. The University of Michigan's Research Center, in its quarterly survey of consumer sentiment, indicates a sharp drop in plans for future buying of consumer goods. The most recently announced cutbacks in Government spending, particularly in the area of new construction projects, are bound to have an effect on markets for building materials and Administration spokesmen are predicting a substantial decline in the rate of new housing starts which would further shrink demand for such products.

Whether these developments are a result of measures taken by the Government to combat inflation, or are caused by a combination of these and the natural interplay of supply and demand in the market place, it seems obvious that the country is heading into a period of readjustment which could be disconcerting, to say the least, to a generation of entrepreneurs and workers which has never experienced anything but a growth trend in the general economy.

Asbestos Fiber.

The demand for most grades of asbestos fiber continues strong. Certain grades, specifically in the Group 3 category for use in asbestos textiles and the asbestos cement grades in Group 4, tend to be in a relatively short supply situation. In general, the other grades are in relative balance of supply and demand, although certain cases of imbalance do exist.

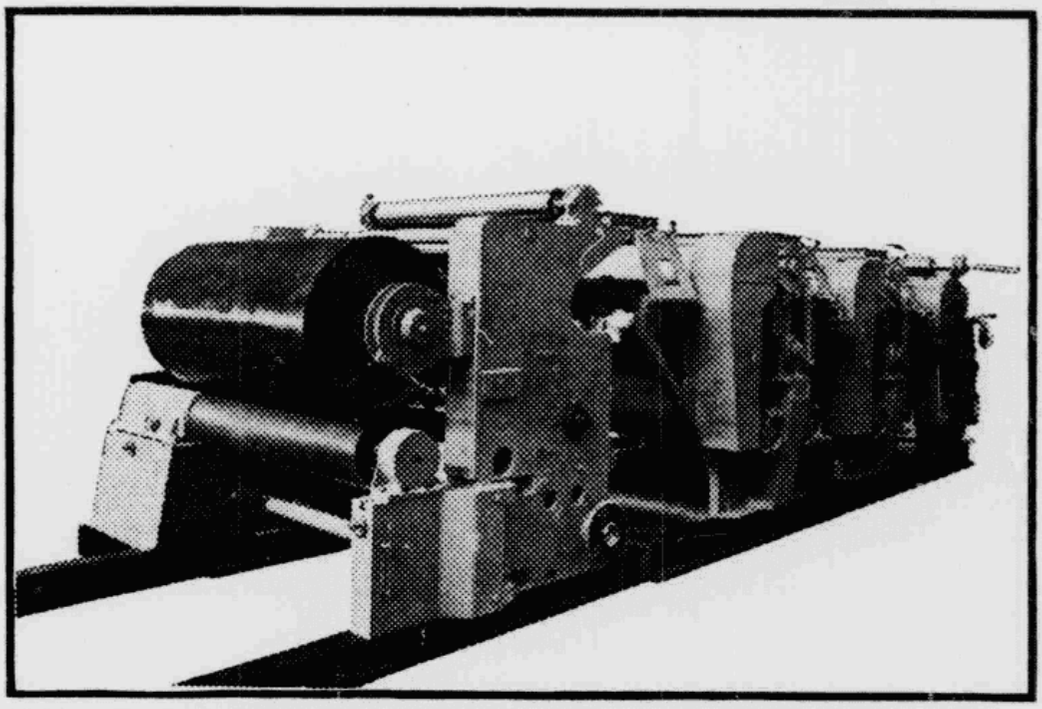
From September 1 to about December 10, the demand for Canadian asbestos increases as foreign customers commence building up their inventories for the winter season. Normal navigation on the St. Lawrence River terminates in early December, the exact date depending on the vagaries of the weather. Over the past several years, however, there has

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/31

ASP/HAC/19

asbestos
cement
plants





MANUFACTURERS OF COMPLETELY AUTOMATIC AND UP-TO-DATE PLANTS FOR

asbestos cement

- PRESSURE PIPES
- CORRUGATED SHEETS
- FLAT SHEETS
- SOCKET PIPES

HYDERABAD ASBESTOS

CEMENT PRODUCTS LTD.

PLANT MANUFACTURING DIVISION HYDERABAD-18 INDIA

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/32

been an increase in winter shipping from the Port of Quebec City in vessels which are reinforced for ice conditions. The ideal condition of year round shipments from the St. Lawrence River ports is closer to being a reality but is still some time off.

The various factors affecting the economies of many countries of the world and unsettled political conditions combine to make asbestos sales forecasting for 1970 a difficult problem. The construction and automotive industries are the major usage areas for asbestos fiber and a recession in either or both would affect asbestos sales in a serious way. However, in spite of some pessimism, there remains considerable optimism for sales in 1970. The markets for asbestos have a broad base throughout the world and hence a factor of safety is provided. It would be most unusual for the markets for asbestos in all countries in the world to be depressed at the same time.

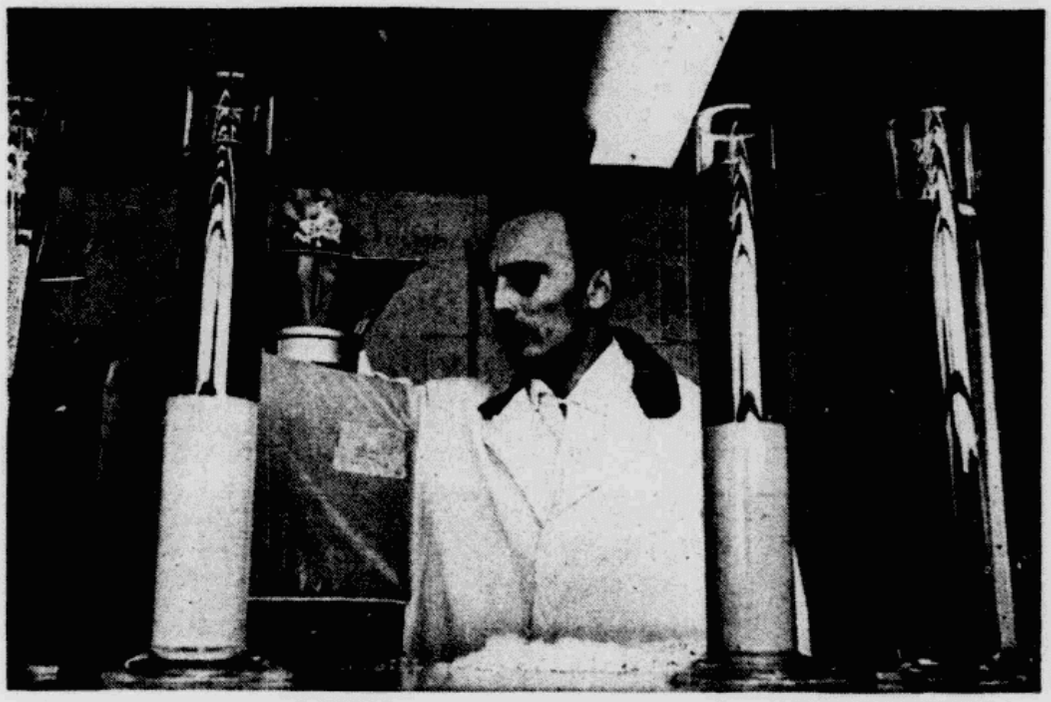
All grades of Arizona filter fiber are in strong demand and this situation is expected to continue well into 1970. Industry shipments are on schedule, with a minimum of back orders for some grades. After many years of an almost non-existent market, demand for Arizona low-iron crude asbestos fiber, Grades 1 and 2, is picking up. This probably results from the economic sanctions imposed by the United Nations' Security Council covering imports by member nations of certain Southern Rhodesian products including asbestos.

Asbestos—Manufactured Goods.

Asbestos Textiles: As was predicted, a strong demand for these products has continued through the third quarter and promises to carry on through the balance of this year. Extended deliveries of some items continue to be the order of the day due to shortages of skilled labor and a rather tight supply of spinning grades of fiber.

Asbestos Brake Lining: This market continues at the strong pace set earlier this year. While some leveling off may occur in the original equipment market if new car sales slow down, the replacement market should easily take up the slack resulting in a very good year for friction material producers.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/33



Gold Bond uses the best quality control devices known to man: people.

Sure we automated our milling equipment. Five floors of it.

But we want to be certain the particular grade of asbestos you need meets your requirements for uniformity.

So people monitor the automated mills on closed-circuit TV.

And people test each batch.

Our technicians make wet screen analyses to evaluate length and distribution of fibre...viscosity tests on absorptive characteristics...measure grit content...whatever it takes to be sure the asbestos meets your exact specifications. Batch after batch.

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

Gold Bond
ASBESTOS FIBRES

Asbestos Magazine, 1969, October 1969
ACL Doc 12630 · Page 34 of 59
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/34

Asbestos Paper: Sales of asbestos paper are about the same as those for the first half year. No significant upturn is in sight at present.

Asbestos Millboard: A decline in sales of this product has occurred but it is expected present volume will be maintained for the balance of the year.

Asbestos Felt: Sales to date have been somewhat better than for the same period in 1968. However, cutbacks in Government construction projects and delays in private projects due to the tight money situation may cause a drop in volume later this year.

Asbestos Corrugated Sheets: Nationwide sales of corrugated are about the same as, or slightly lower than, those of last year. The introduction of new configurations and increased emphasis on colored sheets should broaden the use of these products in the future.

Asbestos Flat Sheets: The general decline in construction has contributed to a small contraction in demand for these products. Reduced prices of plywood and other wood construction materials have strengthened their competitive position in the areas where asbestos flat sheets are used.

High Pressure Insulation: Public utility and industrial power plant construction, continuing at a healthy rate, results in good demand for insulating materials. However, glass fiber and mineral wool products are offering substantial competition to asbestos-based materials in this market.

Asbestos-Cement Shingles, Roofing & Siding: The expected boom in residential building has failed to materialize and present indications point to contracting new housing activity for the immediate future. The development of light, easy-to-handle products for the remodeling market has proceeded very rapidly and the professional builder or "do it yourselfer" is offered a tremendously wide choice of materials

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/35

Leading mills all over the world operate with

100% Synthetic Geschmay Felts

on their pipe- and sheet-machines.

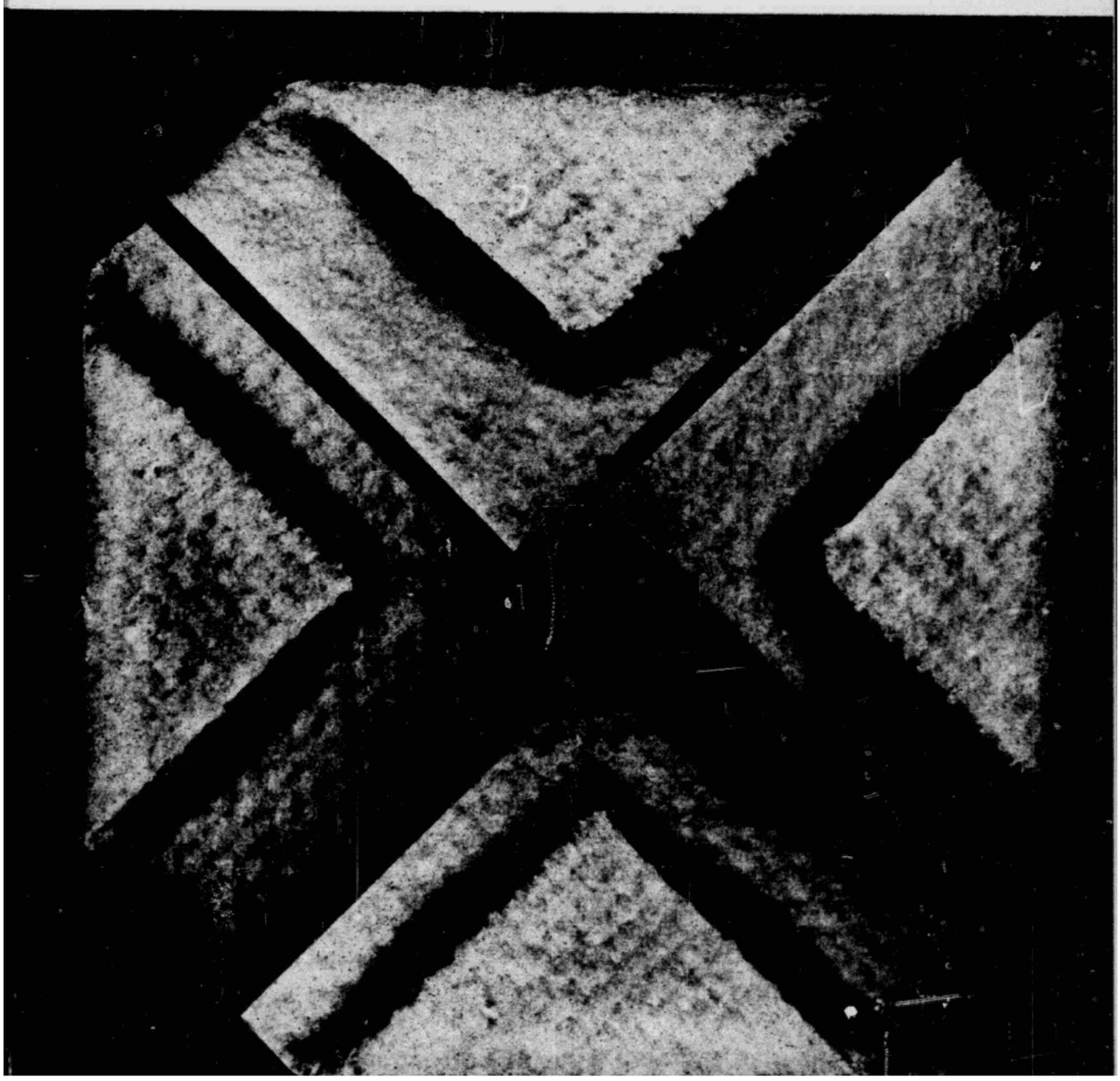
Some characteristics of our felts:

- Immediate start-up
- Special surface structure results in best lamination of your product.
- Excellent permeability even at high speeds.
- Outstanding durability.

If you want to
Improve your production and lower your felt cost
you too should use our conventional and needled felts. Take advantage of our 10 years of experience manufacturing 100% synthetic felts for the asbestos cement industry. **It is your profit!**

WFG

Württembergische Filztuchfabrik D. Geschmay GmbH · 7320 Göppingen · P. O. Box 460
Telex 07-27734 · West Germany



for roofing and siding. Both these factors have combined to depress this market for asbestos-cement products. At present no relief is in sight for the immediate future.

Asbestos-Cement Pipes: Sales of pipe for commercial and institutional construction are good but Federally-financed projects are coming to a virtual standstill resulting in a shrinking overall demand for this material. While the outlook for the future is anything but clear, the competitive advantages of asbestos-cement pipes over other pipe materials should assure producers of their normal share of whatever business is available.

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

MOSS LANDING POWER PLANT, located about 17 miles north of Monterey, California, is part of Pacific Gas and Electric Company's vast power system. The two generating units of this immense installation, combined with five generating units completed at the site in the early 1950's, supply more than enough electric power to serve three cities the size of San Francisco—a total capability of 2.1 million kilowatts. Each of the two new giants generates 750,000 kilowatts of power, more than that of the first five units together. *Johns-Manville Corporation* supplied nearly all the insulation materials for the new units—vital products for the boilers, pipes, turbines and stacks. The installation was completed through the J-M distributor, Western MacArthur Company. (From "J-M Action," Spring 1969.)

AERODYNE DEVELOPMENT CORPORATION has prepared a new catalog which includes full dimensional and operational specifications for its complete line of valves used as air seals on dust collectors, for feeding dry bulk materials, for metering devices, and for high abrasion applications. Aerodyne is a manufacturer of dust collectors, oil skimmers, grit collectors, valves and other waste and pollution control equipment.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/37

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.

LAKE ASBESTOS

ASARCO

A subsidiary of American Smelting and Refining Company

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/38

PRODUCTION - IMPORTS - EXPORTS

Brazil produced 4,360 metric tons of asbestos fiber in *1968*, all from the State of Goias. This compared with the 992 tons produced the previous year. Production for 1969 is projected at 8,000 tons. (U.S. Mineral Trade Notes, September 1969)

Canada—Producers' shipments of asbestos during *June 1969* totaled 124,811 short tons (110,968 tons from Quebec and 13,843 tons from Newfoundland, Ontario, British Columbia and Yukon plants) The total for June 1968 was 111,252 tons. The cumulative total for the *First Half of 1969* was 679,790 tons, compared to 669,581 tons for the period January-June 1968.

Asbestos Mines 1967 (Catalog No. 26-205) can be obtained at 50¢ a copy from the Manufacturing and Primary Industries Division, Dominion Bureau of Statistics, Ottawa, Canada. The catalog gives statistics of the 11 establishments in Canada primarily engaged in mining and milling asbestos fiber. There are 15 tables which offer data on footage drilled, production, shipping, imports, exports, employment and payroll, operating costs, taxes paid by companies, etc. Canadian producers shipped 1,452,104 short tons of crude and milled fibers valued at $165,118,786 in 1967. The tonnage of asbestos shipped decreased 2.5% but the total value was up 9% from the previous year.

PREPRINTS—1968 U.S. BUREAU OF MINES MINERALS YEARBOOK

The Mineral Industry of Bulgaria—Nonferrous metals, low-rank coals and construction materials remained the principal mineral products in 1968. The Bulgarian mineral industry and the country's trade in mineral commodities made significant contributions to the domestic economy. Asbestos production reached an estimated 1,800 tons in 1968 (the same figure reported for 1967) and imports totaled 17,500 metric tons in 1967.

The Mineral Industry of Cyprus—The mineral resources of Cyprus continued to hold an important place in the country's economy in 1968. Production of asbestos amounted to 17,242 metric tons. For 1967, exports reached 18,839 tons (principal destinations were Denmark, United Kingdom, Thailand and Belgium) and imports totaled 165 tons (mainly from United Kingdom and West Germany). In 1967, Cyprus Asbestos Mines Limited produced 11,688 tons of long grade fibers and 8,072 tons of short grade fibers and the asbestos-cement factory at Moni manufactured 31 tons of flat sheets, 874 tons of corrugated sheets and 180 tons of molded goods.



Cheaper. Costs Less.

When it comes to buying respiratory protection it's not a question of health. It's only money. A cheap, strapped-on, lung-powered respirator will probably stop all the contaminants you're worried about. In fact, it stops so much it soon clogs up — if the gasping wearer doesn't rip it off first. The Rite Whitecap Helmet system uses an electrically powered centrifugal filter to spin off contaminants. No clog-up. Your filter replacement cost drops to almost nothing. More important, your lost man-hours drop too, because a worker won't "forget" to wear his Whitecap helmet. It's light. It's comfortable. It protects eyes, face and head as well as lungs. Write or phone for complete information on Whitecap Helmet systems.

RITE WHITECAP

RITE HARDWARE MFG. CO.
P.O. Box 800, Glendale, CA 91209
Telephone: (213) 245-1746

Asbestos Magazine, 1969, October 1969
ACL Doc 12630 · Page 40 of 59
Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/40

Exports From U.S.A.

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

Unmanufactured Asbestos:			JUNE 1969
Crude & Spinning Fibers	s. tons	168	$ 34,686
Non-Spinning Fibers	s. tons	1,865	312,606
Waste & Refuse	s. tons	1,964	169,091
		3,997	$ 516,383

Manufactured Asbestos Goods:			
A-C Shingles & Clapboard	Lb	1,293,972	$ 137,910
Other Asbestos-Cement Articles	Lb	491,805	80,007
Gaskets & Packing	Lb	376,445	581,567
Textiles & Yarns	Lb	872,644	197,880
Mfrs. other than Friction Materials		..	637,800
Clutch Facings & Linings for auto. use	No	327,417	319,071
Clutch Facings & Linings, Other	No	131,730	54,381
Brake Linings for automotive use	Lb	555,725	423,064
Brake Linings, Other	Lb	233,492	146,747
			$ 2,578,427

Exports From Canada

(Published by Dominion Bureau of Statistics) **JUNE 1969**

Short Tons

Unmanufactured Asbestos:	Crude	Milled Gp 3	Milled Gp 4&5	Shorts Gp 6-9
Eastern Europe	..	352	1,070	58
Western Europe	2	1,548	25,641	13,320
Middle East	..	..	500	51
Africa	..	..	638	125
Asia	2	73	6,830	11,592
Oceania	..	5	3,415	1,666
So. & Cen. America & Antilles	..	14	4,801	480
United States	..	1,246	14,752	37,203
	4	3,238	57,647	65,495

The total amount of unmanufactured asbestos exported in *June 1969* was 126,384 short tons, valued at $17,247,000.

Manufactured Asbestos Goods:	
Asbestos Brake Linings & Facings	$ 232,000
Asbestos-Cement Building Materials	179,000
Asbestos Basic Products, Other	121,000
	$ 532,000

ASBESTOS

ALL KINDS

FOR ALL USES

o

TECHNICAL SERVICE

AVAILABLE

o

CENTRAL ASBESTOS

Co., LTD.

CENTRAL HOUSE • THOMAS ROAD • LONDON E.14

'Phone 01-987-5711 Cables CENBESTOS LONDON.

CENTRAL ASBESTOS (S.A.) PTY LTD P.O. BOX 10213 JOHANNESBURG

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/42

INDUSTRY NEWS

HAPPY BIRTHDAY

R. A. Barber, Managing Director, BBA Group Limited, Cleckheaton, Yorkshire, England, October 16 .

T. T. Tigert, Consulting Engineer, Cassiar Asbestos Corporation Limited, Toronto, Ontario, Canada, October 16.

William F. Reed, President & Treasurer, Asbestos Distributors, Inc., Port Chester, New York, October 17.

Miss Frances E. Mett, President & Treasurer, Powhatan Mining Company, Baltimore, Maryland, October 18.

J. G. Mooney, Industrial Relations Manager, Asbestos Corporation Limited, Thetford Mines, Quebec, Canada, October 18.

Irl W. Rose II, in charge of divisional advertising and promotions, GAF Corporation, New York City, October 18.

Charles P. Miller, Treasurer, Scandura, Inc., Charlotte, North Carolina, October 20.

R. Dodds-Hebron, Executive Vice President & Production Manager, Bell Asbestos Mines Ltd., Thetford Mines, Quebec, Canada, October 22.

James C. Murphy, Director of Marketing, Floor Products Division, GAF Corporation, New York City, October 23.

Francis E. Dutcher, Vice President & General Manager, Building & Flooring Materials Divisions, Johns-Manville Corporation, New York City, October 24.

John H. Steiner, Chairman of the Board, Supradur Manufacturing Corporation, Wind Gap, Pennsylvania, October 24.

Boris A. Stern, Corporate Director of Quality Control, Philip Carey Corporation, Cincinnati, Ohio, October 24.

James W. Liddell, President, ACandS, Inc., Lancaster, Pennsylvania, October 26.

Richard W. Henry, Director of Sales, Industrial Insulations, Building & Industrial Products Division, GAF Corporation, New York City, October 27.

J. R. Murdoch, General Superintendent, Clinton Mine, Cassiar Asbestos Corporation Limited, Yukon Territory, Canada, October 27.

Lindsay F. Johnson, Director, Hedman Mines Limited, New York City, October 28.

H. C. Morton, Vice President, Thermoid Division-Russell Works, H. K. Porter Company, Inc., Middletown, Connecticut, October 28.

H. R. Palmer, Senior Vice President; Philip Carey Corporation, Cincinnati, Ohio, October 28.

G. Edwards, Plant Superintendent, Cassiar Mine, Cassiar Asbestos Corporation Limited, Cassiar, British Columbia, Canada, October 29.

Walter R. Foote, Director of Manufacturing, Floor Products Division, GAF Corporation, New York City, October 30.

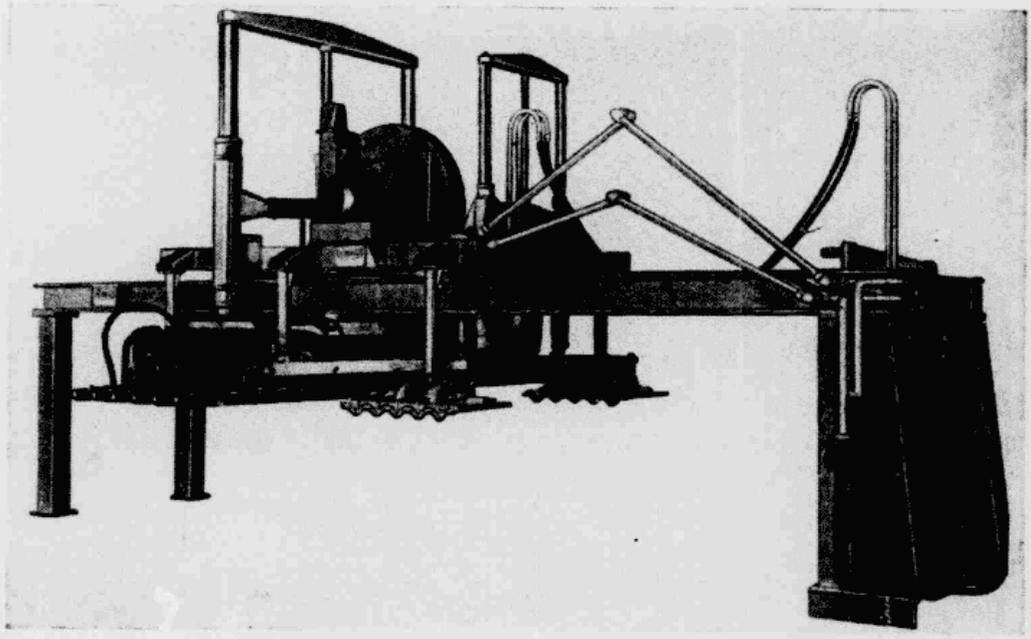
Max E. Meyer, Secretary, North American Asbestos Corporation, Chicago, Illinois, October 31

John F. Corcoran, President, Chembest Division, Unarco Industries, Inc., Chicago, Illinois, November 2.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/43

50 years of experience in the field of

MACHINERY and PLANTS for ASBESTOS CEMENT PIPES and SHEETS



RIVA CALZONI S.p.A.

Company's Capital Lit. 3.000.000.000

Stabilimento CALZONI
Via Emilia Ponente, 72
Bologna (Italy)
Telex 51156—Calzoni
Telephone 384.631

CALZONI

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/44

Kenneth T. Dawes, Vice President, Asbestos Corporation Limited, Thetford Mines, Quebec, Canada, November 2.

J. Conrad Lavigne, Vice President & Director, Hedman Mines Limited, Timmins, Ontario, Canada, November 2.

J. A. Sargent, Chairman, Asbestos Corporation Limited, Thetford Mines, Quebec, Canada, November 2.

Clark A. Bailey, Marketing Manager, Southern Region, Pipe Division, Johns-Manville Corporation, New York City, November 3.

Miss Antoinette Ozurovich, Secretary-Treasurer, Atlantic Asbestos Corporation, New York City, November 3.

Milton Q. Scowcroft, Sales Manager, Asbestos Textile Division, Raybestos-Manhattan, Inc., Bridgeport, Connecticut, November 3.

Dirk Salomons, Director & President of the Board, Asbestcementindustrie Asbestona N.V., Amersfoort, Holland, November 5.

Dr. Robert J. Merrill, President & General Manager, Carey-Canadian Mines Limited, East Broughton Station, Quebec, Canada, November 6.

Dr. Richard Gaze, Chairman, Cape Asbestos Fibres Limited, London, England, November 9.

Monte C. Carpenter, Vice President & General Manager, Building Products Group, The Flintkote Company, White Plains, New York, November 12.

Willis G. Sullivan, Secretary, Asbestos & Magnesia Materials Company, Chicago, Illinois, November 12.

W. B. Callan, Plant Manager, Normandie Mine, Asbestos Corporation Limited, Thetford Mines, Quebec, Canada, November 14.

Don L. Hinmon, Vice President & General Manager of Pipe Division, Johns-Manville Corporation, New York City, November 14.

Karl V. Lindell, Chairman of the Board of Canadian Johns-Manville Company Limited and Vice President & General Manager for the Asbestos Fiber Division, Johns-Manville Corporation, Asbestos, Quebec, Canada, November 14.

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

Population Trends and Environmental Policy—A natural resources information service that provides informative abstracts (with full bibliographic information) of current books, articles, reports and other papers about population trends and their effects on environment and natural resources is available on subscription from the *Clearinghouse*. Published by the U.S. Department of the Interior on a monthly basis, the service will review publications that deal with problems of environment and natural resources from a policy or decision-making point of view. Emphasis will be on the United States, but pertinent material from other countries will be included. Price for a one-year subscription is $8.00 ($10.00 foreign).

The Canadian Government Specifications Board, Ottawa, Canada, has revised the following two Standards effective May 30, 1969: No. 34-GP-1b for Asbestos Cement Pressure Pipe and No. 34-GP-9c for Asbestos Sewer Pipe.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/45

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

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/46

Mineral and Water Resources of Arizona has been prepared, as Bulletin 180, by the U.S. Geological Survey, the Arizona Bureau of Mines and the U.S. Bureau of Reclamation. It is available from the Arizona Bureau of Mines, Tucson, at $3.00 per copy.

The purpose of the report is to give factual information about the present supplies of minerals and water in the State and present a realistic appraisal of the supplies that are available for future exploitation. It is divided into three main parts: Geology and Mineral Resources, Water Resources, and Water Resources Development. An introductory chapter describes the mineral industry of Arizona and relates it to other parts of the State's economy. This is followed by a summary chapter on the geology of the State which provides background for the several sections on individual mineral commodities. The report also includes generalized geologic and structural maps, and provides data on topographic, geologic and aeromagnetic mapping in the State.

A very comprehensive and complete chapter on *asbestos* includes an Introduction, History and Production, Arizona Deposits and an Outlook. The future of asbestos mining in Arizona will depend greatly on the approach taken in the search for undiscovered resources. In the past, many minable occurrences with only submarginal fringes exposed were accorded desultory exploration and then bypassed. The reserves in these deposits, and those in some deposits previously regarded as too remote or otherwise uneconomic, were delineated during the surge of activity in the 1950's, but by 1968 were largely depleted. As the deposits are metamorphic features that occur wherever suitable strata have been deformed adjacent to discordant parts of the diabase intrusions which are virtually ubiquitous with those strata, many hidden deposits remain to be found.

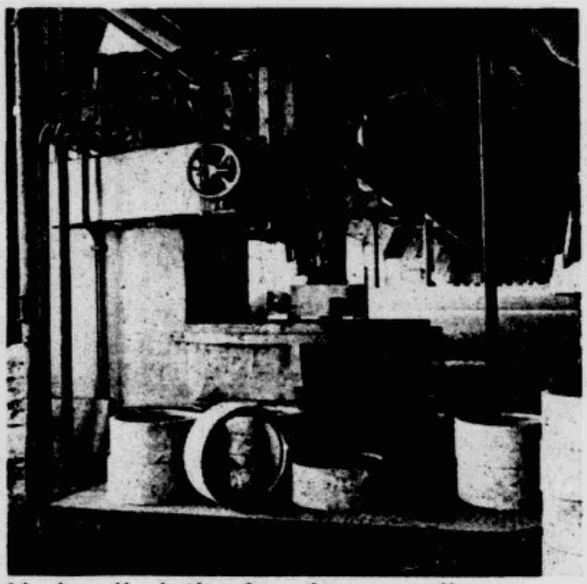
Summaries of Trade and Tariff Information are being released by the *U.S. Tariff Commission*. They are designed to meet the needs of wide and varied interests that include the Congress, the courts, Government agencies, importers, domestic producers, research organizations, and many others. The summaries contain descriptions, in terms of the tariff schedules, of the thousands of products imported into the United States, methods of production, world supplies and importance in trade and in the U.S. economy. They also include substantive analytical material with regard to the basic factors affecting trends in consumption, production and trade and those bearing on the competitive position and economic health of the domestic industries.

Five volumes are to be published on Nonmetallic Minerals and Products covered by Schedule 5 of the Tariff Schedules of the United States. Volume I includes information on *asbestos*.

Since the number of copies to be published will be too limited for general distribution, the field offices of the Department of Commerce and selected public and university libraries will be supplied with copies for commercial and professional reference and study.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/47

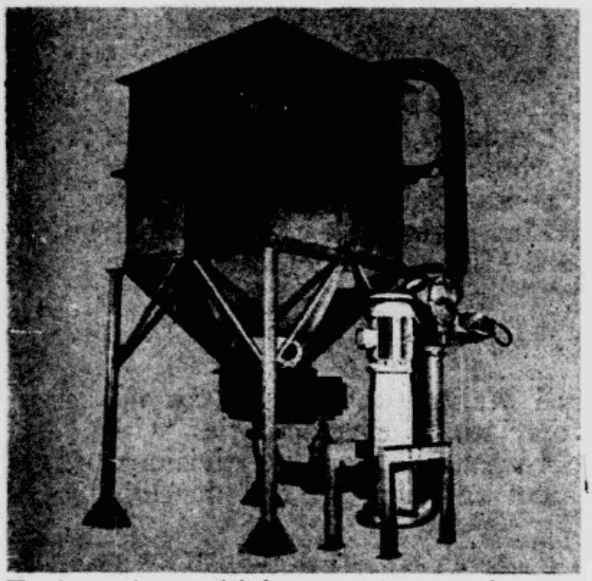
Choose performance and efficiency



Hydraulic lathe for pipe couplings



Sheet cutting press 3,6×1,3 m / 12′×4′



Turbopulper with horz.-rotors and pump



Test press for pipes

What are your specific problems? Modernisation of sheet-machine? – Production of special sheets of 9 m length? – Up-to-date pneumatic corrugator? – Plant for pressure pipes? – Automatic socket pipe installation? – Modern laboratory equipment? – Efficient plant for prefabricated walls, sandwich panels (made of asbestos-cement sheets and foamed plastics)? Presses or cutting-presses for high quality sheets? – Automatic consistency control of water, asbestos and cement, during production? – Remember, WEHRHAHN represents more than a man's age of experience with references all over the world! Why not contact them? Ask for up-to-date quotations!
Choose WEHRHAHN!

GEBR. WEHRHAHN
MASCHINENFABRIKEN DELMENHORST · WILDESHAUSEN UND DINKLAGE
287 Delmenhorst 1, Germany, Linoleumstraße, P.O.Box 209, ☎ (04221) 4591, Tx 0244874

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/48

PERSONNEL NEWS

PHILIP CAREY CORPORATION

Clarence M. Brasher has been appointed Manager of Trade Relations and National Accounts and *Jack M. Silberman* is now Architectural Representative for Carey. Both gentlemen will headquarter at the company's New York Office at 370 Lexington Avenue.

Three men have been added to Carey's Reserach staff: *William R. Thomas*, Manager of New Products Research; *Victor E. Pierson*, Senior Research Chemist; and *Ihsan Eler*, Chemical Engineer.

Changes in the Industrial Products Division include the appointments of *John W. Huppertz* as Sales Manager of Industrial Products and *Richard E. Low* as Sales Manager of Insulation Products. This change in the marketing organization is a result of Carey's recent purchase of Smith and Kanzler Company.

CERTAIN-TEED PRODUCTS CORPORATION

E. R. Lassome has been promoted to the new post of Administrative Assistant to the General Sales Manager of the Certain-teed Asbestos and Plastics Division.

THE FLINTKOTE COMPANY

After 40 years of service, *J. A. Main* retired from Flintkote on August 1, 1969. He had been Vice President of Flintkote Mines Limited. The sale of asbestos fibers from Flintkote Mines is now the responsibility of *A. R. Hooker*, General Sales Manager, who is located at 400 Westchester Avenue, White Plains, New York 10604. Orders placed with the Mine at Thetford Mines, Quebec, Canada, are handled by *D. O. Poirier* and *R. Cote*.

NICOLET INDUSTRIES, INC.

John J. McDermott has been named Marketing Manager for the Gasketing Division. In addition to correlating sales activities with manufacturing capabilities, he will be responsible for the divisional advertising program, product improvement and new product development.

J. K. Whittaker has succeeded *L. L. Wilson* as President and *C. Fred Workman* has been elected Executive Vice President and General Manager of Protective Papers, Inc., Hollister, California, subsidiary of Nicolet. The subsidiary manufactures specialty paper products and asbestos pipe wrap. Mr. Whitaker is Vice President of Marketing for Nicolet and will continue to be based at Ambler, Pennsylvania. Mr. Wilson will serve in a consulting capacity until his retirement in January 1970.

RAYBESTOS-MANHATTAN, INC.

R/M has appointed *Lawrence B. Row* to the new position of Corporate Director of Management Services. For the past two years, he has been Project Manager of Johnson & Johnson, Inc.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/49

HUXLEY DEVELOPMENT CORPORATION

Suppliers of Raw Asbestos



OVER 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/12630/50

ASBESTOS STOCK QUOTATIONS

Close—September 26, 1969

Abitibi Asbestos	*$6.75	G-Alden (pfd 3.15)	68
Advocate	*$2.40	G-Alden (pfd 3)	64
Asarco	27⅞	G-Alden (pfd 2.25)	36
Armstrong Cork	37½	Grace	28⅝
Armst Cork (pfd 3.75)	60	Gulf & Western	21⅛
Asbestos Corporation	*$25.00	G&W (pfd 1.75)	72
Bendix	41¾	G&W (pfd 3.50)	88
Bendix (pfd 3)	68	G&W (pfd 3.87)	52
Carlisle	15½	G&W (pfd 5.75)	66½
Cassiar	*$17.25	Johns-Manville	33¼
Certain-teed	26	Maremont	12⅞
C-teed (pfd .90)	25½	National Gypsum	27
Conwest	*$8.90	Natl Gypsum (pfd 4.50)	63¼
Flintkote	26½	Patino	*$39.50
F-kote (pfd-A 4.50)	81	Porter (pfd 5.50)	71
F-kote (4-pfd 4)	55½	Raybestos-Manhattan	48⅞
GAF	16¾	Unarco	9⅜
GAF (pfd 1.20)	23⅞	Union Carbide	41⅜
Garlock	19⅞	Uniroyal	20⅞
Glen-Alden	9	Uniroyal (pfd 8)	102½

*Canadian currency
(Source: The Wall Street Journal)

U.S. Documents—The following reports are available at $3.00 per paper copy and 65c per microfiche from the Clearinghouse, U.S. Department of Commerce, Springfield, Virginia 22151.

AD 680 231—Summary of Specification Requirements for Military Fabrics, prepared by the Test Methods Development Branch of the U.S. Army Natick Laboratories, Natick, Massachusetts.

AD 686 466—Nondestructive Test Methods for Reinforced Plastic/Composite Materials, by G. Epstein of the Aerospace Corporation, El Segundo, California, for the United States Air Force.

AD 686 902—Load Transfer from Broken Fibers in Composite Materials, by I. Spilling & N. J. Wadsworth of the Ministry of Technology, Farnborough Hants, England.

PB 183 968—Reston Low Income Housing Demonstration Program, by N. Rowland & M. Drury of The Reston Virginia Foundation for Community Programs, Inc. for Housing & Urban Development.

PB 184 164—Innovations in Housing Design and Construction Techniques as Applied to Low-Cost Housing, a Collateral Literature Survey.



Phenolic Resins

LIQUID - LUMP - POWDER

Cashew Resins

LIQUID - PARTICLE - POLYMERS

FOR FRICTION MATERIALS

POLYREZ COMPANY, INC.

SOUTH COLUMBIA ST. AND RAILROAD
WOODBURY, NEW JERSEY 08096

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.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/52

ASBESTOS PRICES

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

(As of August 1, 1968) U. S. Dollars

No. 1 Crude	$1,410.00 to	$1,650.00
No. 2 Crude	700.00 to	950.00
AAA	..	800.00
Group No. 3 (non-ferrous filtering-plastic)	425.00 to	700.00
Group No. 4 (non-ferrous filtering-plastic)	400.00 to	500.00
Group No. 5 (non-ferrous filtering-plastic)	385.00 to	425.00
Group No. 6 (non-ferrous plastic)	..	250.00
Group No. 7 (white shorts)	65.00 to	90.00

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

(As of January 1, 1969) Canadian Currency

Crude No. 1	$ ..	$1,480.00
Crude No. 2	..	800.00
Group No. 3 (spinning fiber)	385.00 to	630.00
Group No. 4 (shingle fiber)	212.00 to	360.00
Group No. 5 (paper fiber)	152.00 to	180.00
Group No. 6 (waste, stucco or plaster)	..	110.00
Group No. 7 (refuse or shorts)	50.00 to	92.00

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

(As of January 1, 1969) Canadian Currency

AAA grade (non-ferrous spinning fiber)	$ 845.00
AA grade (non-ferrous spinning fiber)	673.00
A grade (non-ferrous spinning fiber—Canadian Group 3)	508.00
AC grade (asbestos-cement—Canadian Group 4)	363.00
AK grade (shingle fiber—Canadian Group 4)	249.00
CP grade (shingle fiber—Canadian Group 4)	234.00
AS grade (shingle fiber—Canadian Group 4)	217.00
CT grade (shingle fiber—Canadian Group 4)	211.00
AX grade (shingle fiber—Canadian Group 5)	193.00
CY grade (shingle fiber—Canadian Group 5)	136.00
AY grade (shingle fiber—Canadian Group 5)	136.00

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

(As of January 1, 1969) U. S. Dollars

Group No. 3 (spinning & filtering)	$ 356.00 to	$ 382.00
Group No. 4 (shingle fiber)	195.00 to	331.00
Group No. 5 (paper fiber)	141.00 to	165.00
Group No. 6 (waste, stucco or plaster)	..	102.00
Group No. 7 (shorts & floats)	47.00 to	85.00

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/53



Exporters of

RAW ASBESTOS

ALL GRADES—ALL TYPES

C. J. PETROW & COMPANY (PTY. LTD

P. O. BOX 11000

SWISSCO HOUSE — 7 RISSIK STREET

JOHANNESBURG - SOUTH AFRICA

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

World-Wide Consulting Services for the ASBESTOS INDUSTRY

During the past thirty years, Surveyer, Nenniger & Chênevert Inc. has designed several major asbestos mills and carried out a number of feasibility studies for asbestos developments—thus becoming one of the few consulting firms in the world with extensive experience in this specialized field.

Asbestos projects undertaken by SNC are located in Canada, U.S.A., Australia and Europe.

Surveyer, Nenniger & Chênevert Inc.

1550 de Maisonneuve Blvd. West, Montreal, Canada
Telephone 931-2261
Cable Address: SNCINC Montreal

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/54

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, D.C. 20231, at a cost of 50c each. Remittance should be in coin, currency, or check and the number of the patent, name of inventor and date of issue should be shown.

U.S. Patents issued from August 12 through September 2, 1969.

3,460,581—Non-Porous Asbestos-Reinforced Plastic Pipe, R. T. Crouch & C. H. Barger (assigned to John-Manville Corporation, New York City), August 12, 1969.

3,461,012—Manufacture of Thermoplastic Sheets, G. L. Wicker (assigned to Turner Brothers Asbestos Company Limited, Manchester, England), August 12, 1969.

3,461,070—Sodium Nitrite Stabilized with Colloidal Asbestos, A. J. Morway & A. J. Bodner (assigned to Esso Research & Engineering Company, a corporation of Delaware), August 12, 1969.

3,461,191—Elastic Insulating Bodies of Inorganic Fiber Material and Method of Producing Such Bodies, R. D. Dale (assigned to Protex Corporation Limited, New Nassau, Bahamas), August 12, 1969.

3,462,387—Friction Material, W. R. Jensen & J. F. Orzechowski (assigned to Raybestos-Manhattan, Inc., Passaic, New Jersey), August 19, 1969.

3,463,607—Method of Synthesizing Asbestos, R. C. Johnson & H. R. Shell (assigned to the U.S. Secretary of the Interior, Washington, D.C.), August 26, 1969.

3,464,543—Shock-Resistant, High-Temperature-Resistant, Pressure-Sensitive Adhesive Insulation, P. Kwiatanowski & T. L. Shebs (assigned to Johns-Manville Corporation, New York City), September 2, 1969.

"ASBESTOS BULLETIN"

Keeps you abreast of all developments. Each issue contains over 100 abstracts relating to the manufacture of asbestos-based products. Special chapters on asbestos mining, asbestos-cement, friction and asbestos-reinforced plastics. Annual Subscription £11.10.0d; Back copies half-price.

"ADVANCED MATERIALS"
by C. Z. Carroll-Porczynski

This valuable book now including 2nd Volume recent progress deals with numerous new aero-space materials, including several chapters on asbestos and asbestos composites. About 1500 references. Price £4.15.0d.

ORDER FROM ASTEX PUBLISHING COMPANY
22/23 NORTH STREET, GUILDFORD, SURREY, ENGLAND

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/55

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/12630/56

Remember When?

October 1919 ASBESTOS

New Advertisers: Bell Asbestos Mines, American Asbestos Company, Keasbey & Mattison Company.

The 8700-ton merchant ship "MAGMERIC" was launched on September 23 at Hog Island, Pennsylvania. The ship was named in honor of the Magnesia Association of America in recognition of the services rendered by members of the Association in support of the war effort. Sponsor of the ship was Mrs. R. V. Mattison, Jr., wife of the Vice President and General Manager of the Keasbey & Mattison Company, a member of the Association.

T. Frank Manville, President of the H. W. Johns-Manville Company, was recently the victim of appendicitis. An operation was completely successful and Mr. Manville has now returned to his office.

It is interesting to note the publicity being given to Asbestos by Merchant & Evans Company, Philadelphia, in their advertising of their "Almetl" Fire Doors and Shutters.

The ever increasing business of U.S. Asbestos Company has made it necessary to find larger office quarters. An entire floor in a large office building in Lancaster, Pennsylvania, has been rented and the company is now occupying its new headquarters.

The H. W. Johns-Manville Company, New York City, has broken ground for a large, new plant at Waukegan, Illinois.

The Edge Export Finance Bill has been passed by the Senate and will doubtless be approved by the House. The bill is designed to extend American credit abroad and enable American financial and business interests to assist in the rehabilitation of Europe.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/57

TWO YEARS OF SUCCESSFUL APPLICATION PROVE IT:

R/M thermal asbestos tape speeds covering of small pipe and tubing



Reports from a leading U.S. shipbuilder indicate that R/M Style 25 Thermal Insulating Tape (asbestos cloth sheath, glass sliver insulating medium) offers these outstanding advantages:

- Faster installation than sectional molded covering, particularly around curves where cutting, mitering, and cementing are required.
- A weight saving of 20-26 percent over the same sheath with Amosite asbestos stuffer.
- More durable and resistant to hard usage conditions than standard sectional insulating materials.

Used successfully for the past two years, the R/M tape currently is being applied aboard three destroyers and a 45,600-ton container ship. Service includes water and steam lines involving temperatures to 499°F.

For complete information on R/M Style 25 Thermal Insulating Tape conforming to MIL-I-15349 or Coast Guard specifications, contact us.

Raybestos R M Manhattan

Asbestos Textile Division, 205 Middle St., Bridgeport, Conn. 06603

Raybestos-Manhattan, Inc.

Published by AsbestosClaims.Law
asbestosclaims.law/library/12630/58

You know the asbestos produced at his GAF mine is good because GAF uses it too.



A lot of the asbestos produced at GAF Vermont Mines goes into mineral fiber products such as GAF siding and roofing, GAF pipeline felts and many other GAF products.

We make sure it's top rate.

We mine it, we mill it, we test it and we have absolute quality control from start to finish.

So when you buy GAF asbestos, you're getting the same care, the same quality control that we put into our own products.

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

For full details write to: GAF Corp., Industrial Products Division, 140 W. 51 St., New York, N.Y. 10020