THE WAY TO BETTER HOMES

Build with HARDIE'S GENUINE FIBROLITE

JAMES HARDIE & COY. PTY LTD., MANUFACTURERS
BEFORE You BUILD

Into that new home you contemplate building will go many years of planning and saving. NOW—before you build, is the time to make sure that when erected it will be a sound investment . . . that it will faithfully measure up to your expectations in comfort, appearance and durability.

Much will depend on the building materials you now choose for use in its construction and in the choice of those materials we trust this booklet will prove of service.

In the following pages information is given showing you how, by using “FIBROLITE” Asbestos Cement Sheets for exterior and interior walls and ceilings, you can build an attractive and modern home that will combine every desirable feature of comfort, durability and fire safety at a moderate cost.

By specifying HARDIE’S “FIBROLITE” you will have the satisfaction of knowing NOW, before you build, that your new home will be as comfortable, as durable and as fire safe as a modern building material can make it.

NOTE: We do not build “FIBROLITE” homes or undertake any building construction work. Any builder in your district will give you an estimate for a “FIBROLITE” home — built to your plans and specifications.
MANUFACTURED IN
NEW SOUTH WALES
Victoria
Queensland
West Australia
New Zealand

HARDIE'S
FIBROLITE
ASBESTOS-CEMENT
BUILDING PRODUCTS
for
Walls, Ceilings, Roofing

By specifying HARDIE'S GENUINE "FIBROLITE" you will secure all the advantages of the most economical, durable and fire retardant building material on the market and, in addition, will support an important Australian industry which provides constant employment for a large number of Australians.

SPECIFY AND INSIST ON HARDIE'S GENUINE "FIBROLITE"

SOLE MANUFACTURERS:
JAMES HARDIE & COY. PTY. LTD.
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Cnr. YORK & BARRACK STREETS, SYDNEY, N.S.W.
Box 3935 V. G.P.O. ▶ Telephones: B 7721 (3 lines)
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AND AT MELBOURNE, BRISBANE, PERTH AND AUCKLAND

"FIBROLITE" BUILDING PRODUCTS ARE STOCKED BY THE LEADING STOREKEEPERS, HARDWARE AND TIMBER MERCHANTS THROUGHOUT AUSTRALIA AND NEW ZEALAND

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CATALOGUE REFERENCE . . . "F.14"
"FIBROLITE" IS

Two Indestructible Minerals united to form a Permanent Building Material.

"FIBROLITE" is a strong, durable and fire retardant material, manufactured solely from Asbestos Fibre and Australian Portland Cement into various classes of building materials for walls, ceilings and roofing.

"FIBROLITE" is fabricated from the raw materials—Asbestos and Cement—by modern, scientific machinery and minutely controlled methods. During the process of manufacture, the tough asbestos fibres, used as a reinforcement to the cement, are evenly distributed and interlaced throughout the material, ensuring maximum strength and rigidity in the finished product. The cement sets around the asbestos fibre, which strongly reinforces the material in the same manner as interwoven steel rods or wires reinforce a concrete wall. Thus, two practically everlasting minerals are scientifically united to form a building sheet that possesses unique characteristics of durability and permanence.

ASBESTOS is the most remarkable mineral known to science. It is older than any life on earth. Found in massive serpentine rock, it is as heavy and dense as marble in its crude state, yet as light as thistledown when treated mechanically. It is immune to fire, unaffected by time, impervious to moisture, and possesses a remarkably high tensile strength.

PORTLAND CEMENT dates back to the time of the early Romans. Besides being insoluble, and weather and fire-resisting, it possesses the peculiar property of increasing in strength upon exposure to the elements. Its crystallising or setting action continues for many years, ensuring permanent durability.

As no vegetable matter of any kind is used in its manufacture, Hardie's Genuine "Fibrolite" contains nothing to rot, rust, decay or burn. It improves with age!
"FIBROLITE" is supplied in strong, rigid, smooth-surfaced sheets in standard thicknesses and sizes shown on page 22. These sturdy building sheets are used for exterior and interior walls, ceilings, partitions, gable-ends, verandah balustrades, lining under eaves-soffits, and for numerous other purposes in the construction of modern homes and buildings of all types.

EXTERIOR WALLS:
Use No. 5 "Fibrolite" Sheets, 3/16" thick. (Thicker sheets may be used if desired.)

Because of its inherent durability and unique weather-resisting qualities, "Fibrolite" is the logical building material to use for the exterior walls of modern homes and all buildings of the frame type.

Whether you choose a modern treatment with horizontal lines, an artistic effect with vertical panelling, a half-timbered treatment, or a rough-cast finish - "Fibrolite" can be used with the satisfying knowledge that the exterior walls of your home will be permanently durable, fire retardant, white-ant proof, and immune to rot and decay.

GABLE-ENDS AND EAVES-SOFFITS:
Use No. 5 "Fibrolite" Sheets, 3/16" thick. (Thicker sheets may be used if desired.)

"FIBROLITE" is ideal for covering gable-ends, providing an almost unlimited choice of picturesque panel treatments that give added charm and beauty to the home. A still further use is found for "Fibrolite" in lining under eaves-soffits, giving an artistic finish to your home and providing an effective safeguard against weather and draughts.

INTERIOR WALLS AND CEILINGS:
Use No. 4 "Fibrolite" Sheets, 5/32" thick. (Thicker sheets may be used if desired.)

There is practically no limit to the number of charming decorative effects which may be obtained by using "Fibrolite" for the interior walls and ceilings of your home. And, in addition to the artistic treatments it makes possible, "Fibrolite" offers you many other advantages... it is durable, hygienic, ensures coolness in summer, snug warmth in winter, and reduces fire risks to a minimum. For information regarding the modern interior finishes obtained with "Fibrolite," see pages 13, 14 and 15.

In the building of thousands of attractive and sturdy homes, "Fibrolite" has been successfully used for walls, ceilings and numerous other purposes, affording a degree of comfort, durability and economy unsurpassed by the use of any other building material.
If you like any of the designs on this page, submit the one you choose to your Architect and he will prepare complete plans and specifications for you.

**FIBROLITE** HOME DESIGN No. 204
Showing Horizontal Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Horizontal Mouldings.

**FIBROLITE** HOME DESIGN No. 205
Showing Horizontal Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Horizontal Mouldings.

**FIBROLITE** HOME DESIGN No. 206
Showing Vertical Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Cover Mouldings.

NOTE: Any of the exterior treatments for “Fibrolite” homes illustrated on page 12 can be adopted for the designs shown on this page.
Another modern and charming "Fibrolite" home showing horizontal panel treatment on exterior walls, carried out with "Fibrolite" Mouldings.

YOU OBTAIN BY BUILDING WITH "FIBROLITE"

LOW "FIRST COST"
Notwithstanding the many advantages it offers in durability, fire safety and attractive appearance, a modern and artistic "Fibrolite" home can be erected at approximately the same cost as a weatherboard house of same size and design. In some districts the cost is even less. Reasons for this are that the comparatively low cost of "Fibrolite" Sheetig per square of 100 square feet, plus the substantial savings it makes possible in the construction of the home, ensures a degree of economy unsurpassed by the use of any other building material.

LOW "UPKEEP" COSTS
It is a fact that many thousands of home-owners in Australia are confronted every two or three years with the burden of meeting heavy maintenance costs for painting, renovations and repairs to their homes.

By using "Fibrolite" Asbestos Cement Sheets for exterior and interior walls and ceilings, you will have the satisfaction of knowing that "upkeep costs" on your home will be reduced to a minimum. Because "Fibrolite" improves with age, is impervious to weather, fire retardant, white-ant and borer-proof, and contains nothing to rot, rust or decay, maintenance costs and depreciation on a home constructed of this durable material are exceptionally low.

LOW INSURANCE RATES
Insurance companies, recognising the unique fire retardant qualities of "Fibrolite," allow a reduction of 25% in rates for homes or other types of buildings where "Fibrolite" Asbestos Cement Sheets are used for exterior and interior walls and ceilings in place of materials that are non-resistant to fire. Think what this yearly saving means to you!
If you like any of the designs on this page, submit the one you choose to your Architect and he will prepare complete plans and specifications for you.

**“FIBROLITE” HOME DESIGN No. 207**
Showing Horizontal Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Horizontal Mouldings.

**“FIBROLITE” HOME DESIGN No. 208**
Showing Horizontal Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Horizontal Mouldings.

**“FIBROLITE” HOME DESIGN No. 209**
Showing Vertical Panel Treatment on “Fibrolite” exterior walls, with “Fibrolite” Cover Mouldings.

**NOTE:** Any of the exterior treatments for “Fibrolite” homes illustrated on page 12 can be adopted for the designs shown on this page.
“FIBROLITE” WILL BUILD

Durability

INTO YOUR HOME

By building with “Fibrolite” you will obtain all the advantages of a material that possesses outstanding characteristics of durability and permanence ... a building material that has, for over a quarter of a century, been renowned for its durability in the construction of thousands of attractive and sturdy homes.

Because of the very nature of the indestructible materials used in its manufacture—Asbestos Fibre and Portland Cement—“Fibrolite” is inherently durable and permanent. It contains no vegetable matter of any kind ... nothing to rot, rust or decay. It improves with age, growing harder, stronger and more durable with the passing of time.

By building with “FIBROLITE” you build for PERMANENCE!

THINK OVER THESE ADVANTAGES OFFERED YOU BY “FIBROLITE”

PERMANENTLY DURABLE
IMPROVES WITH AGE
FIRE RETARDANT
WEATHER PROOF
IMPERVIOUS TO SEA-AIR

NOTHING TO ROT OR DECAY
UNAFFECTED BY BORERS
WHITE ANT PROOF
VERMIN PROOF
RODENT PROOF

“FIBROLITE” enables Modern, Attractive and Durable homes to be erected at a lower cost than other types of permanent dwellings of same size and design.
If you like any of the designs on this page, submit the one you choose to your Architect and he will prepare complete plans and specifications for you.

"FIBROLITE" HOME DESIGN No. 210
Showing Roughcast or "Stucco" Treatment on exterior walls covered with "Fibrolite" Sheets.

"FIBROLITE" HOME DESIGN No. 211
Showing Horizontal Panel Treatment on "Fibrolite" exterior walls, with "Fibrolite" Horizontal Mouldings.

"FIBROLITE" HOME DESIGN No. 212
Showing Vertical Panel Treatment on "Fibrolite" exterior walls, with "Fibrolite" Cover Mouldings.

NOTE: Any of the exterior treatments for "Fibrolite" homes illustrated on page 12 can be adopted for the designs shown on this page.
Groups of charming "Fibrolite" homes such as this are to be seen in increasing numbers in all progressive suburban areas.

SHUTS OUT SUMMER HEAT AND WINTER CHILLS

Year 'round comfort in your new home will be assured if you use Hardie's "Fibrolite" Asbestos Cement Sheets for exterior and interior walls and ceilings.

Asbestos is a well-known non-conductor of heat and cold, and, owing to the high percentage of asbestos used in the manufacture of "Fibrolite" Sheets, it naturally follows that homes constructed of this material are warm in winter and cool in summer.

IDEAL FOR ALL CLIMATES:
The suitability of "Fibrolite" for use in all climates is amply demonstrated by the fact that for upwards of a quarter of a century it has been extensively and successfully used in tropical climates where the intense heat makes cool conditions indoors an essential requisite to comfort, and in cold climates where warm conditions indoors are equally as necessary.

In the tropical climates of North Queensland, Central Australia, the Northern Territory, the Pacific Islands, and in the comparatively colder climates of Tasmania and the southern districts of New Zealand, "Fibrolite" is extensively used in the construction of homes and all classes of buildings.

No matter where you propose building, you will ensure that your new home will be comfortable in winter and summer by using Hardie's "Fibrolite" for walls and ceilings.

For Economy, Comfort, Durability and Fire Safety, specify and insist on HARDIE'S GENUINE "FIBROLITE"... the building material that Improves with Age!
Build Your Holiday Home with “Fibrolite”

A comfortable and charming holiday home of your own at the seaside, or in the country, need no longer remain beyond the realms of possibility. By using “Fibrolite” Asbestos Cement Sheets for exterior and interior walls and ceilings, and “Fibrolite” Corrugated Sheets for roofing, you can build the seaside cottage or week-end home you have planned at a cost within your reach. Get an estimate from your builder for the “Fibrolite” week-end cottage illustrated on this page and you’ll be surprised to learn how little it will cost you.

“FIBROLITE” is the ideal building material for seaside homes. It ensures economical construction, is permanently durable and impervious to the disintegrating action of sea-air. It contains nothing to rot, rust or corrode... IT IMPROVES WITH AGE!

Consider, too, that by building with “Fibrolite” you will reduce the fire risk to a minimum—a big factor for consideration, especially with cottages that are only occupied during the week-ends.

“FIBROLITE” FOR GARAGES...

Make that new motor garage you are planning modern, attractive and durable by using “Fibrolite” Asbestos Cement Sheets for its walls and “Fibrolite” Corrugated Sheets for roofing.

There is no better building material for motor garages than “Fibrolite.” It is economical... easily erected... durable... and reduces fire risks to a minimum.
Various Treatments for Exterior Walls of "FIBROLITE" Homes

- (Right): Horizontal Panel Treatment with "Fibrolite" Horizontal Mouldings.
- (Above): Vertical Panel Treatment with "Fibrolite" Cover Mouldings.
- (Below): Roughcast Treatment on "Fibrolite" Exterior Walls.
- (Above): Half-timbered Treatment with "Fibrolite" Sheets and rusticated weatherboards.
One of the smallest and most striking trends in modern interior decoration is the new horizontal motif in the treatment of walls. "Fibrolite" lends itself admirably to this new vogue, enabling the most modern horizontal treatments to be tastefully carried out in single, double or tripple line effects. Illustrations on right show "Fibrolite" Walls panelled horizontally with "Fibrolite" Mouldings.

**ARTISTIC CEILINGS**

Here, too, "Fibrolite" lends itself admirably to the new vogue for simplicity in interior finishes. Panelled with "Fibrolite" Mouldings, ceilings may be uniformly white or tinted in a warm ivory white or light cream. If preferred, heavy beam treatments or light mission effects can be easily and economically obtained.

**UNAFFECTED BY DAMPNESS**

Unlike many other materials used for lining ceilings, "Fibrolite" contains no vegetable matter or metallic substances of any kind to rot, rust or decay. It is for this reason "Fibrolite" is unaffected by conditions of dampness caused by condensation or leaky roofs that are so ruinous to many lining materials. Eliminate risks of costly damage by damp conditions by specifying "Fibrolite" Sheets for the ceilings throughout your new home.

Illustration below shows how specially curved "Fibrolite" Sheets can be adapted to architectural trends in the design of modern homes. The walls of this charming room are covered with curved "Fibrolite" Sheets and finished in wallpaper.

**MODERN INTERIORS**

Economically Attained!

For modern interior finishes in every type of home... be it a large residence, suburban bungalow or small cottage... "Fibrolite" offers advantages of beauty, durability and economy that acclaim it the ideal building material for interior walls and ceilings.

Because of its economy and ready adaptability to almost every interior decorative finish, "Fibrolite" enables you to plan a distinctive and appropriate treatment for every room in the home.

**CHARMING WALL TREATMENTS**

In Latest Vogues

The many dictates of the latest vogues in modern interior decoration—naive simplicity and beauty for bedrooms... decorative effects with modern horizontal motifs or wallpaper treatments for the lounge... plain, papered or panelled walls in ivory white or delicately tinted shades for the dining or breakfast rooms—all can be obtained by the use of "Fibrolite" with a degree of economy that brings these beautiful interiors within the reach of every home-builder.

In the bathroom, kitchen, dining room and laundry, the walls may be covered completely with "Fibrolite" and finished in any desired treatment. If a more decorative finish is desired, the walls may be covered to dado or door height with "Flux" Marble-finished Wall Panels (see pages 23 and 24) or "Velotile" Wall Tile Sheeting (see page 25), with "Fibrolite" Shingled above forming a frieze in white or a suitably tinted shade.

An almost unlimited range of vertical panel treatments in modern and artistic effects can be easily and economically achieved with walls lined with "Fibrolite" Sheets. The most charming colour schemes, too, can be carried out at a small cost with any good quality oil or water paint.
Illustration on left shows interior walls covered with "Fibrolite" Sheets and finished in wallpaper to give a plain wall surface, eliminating the use of panel mouldings. Wallpaper is easily applied to "Fibrolite," bringing the most modern interior decorative finishes within easy reach of every home-builder.

Although "Fibrolite" makes possible the achievement of the most modern treatments for interior walls and ceilings and offers a degree of comfort, luxury and beauty comparable with the interior finishes found in the most palatial homes, IT DOES NOT INCREASE BUILDING COSTS. On the contrary, it offers marked savings when compared with the cost of many competitive materials.

Above illustration shows an entrance hall with walls and ceilings covered with "Fibrolite" Sheets and panelled with "Fibrolite" Mouldings. Walls are in light cream with panel mouldings picked out in a light pastel green shade, whilst the ceiling is in deep ivory white throughout.

Comfort, Luxury, Beauty and the most modern interior finishes can all be obtained by the use of "FIBROLITE"—at no extra cost!
MINIMISES FIRE RISKS!

Made solely of Asbestos Fibre and Portland Cement, "FIBROLITE" is a Fire Retardant building material—thus, when used for exterior and interior walls and ceilings, it reduces the fire hazard to a minimum. This factor of fire safety is one of paramount importance, especially for country homes.

Retards the Spread of Fire

An example of the unique fire retardant qualities of "Fibrolite" is provided by the building illustrated on this page. The lower storey of this building was of brick, whilst the exterior walls of the upper storey were of stucco on wooden laths and wire netting, the interior wall linings and partitions being of our Asbestos Cement Sheets and the ceilings of plaster.

During the night the cottage adjoining caught fire and the flames quickly spread to the roof of this building. The burning roof fell through the plaster ceiling, ignite the furniture and making the whole of this storey of the building a seething mass of flames. After the fire was under control it was found that the Asbestos Cement Sheets, as shown in the above illustration, had completely protected the studs used in the interior walls of the upper storey, and also the exterior walls, which suffered no more than the brick walls below.

"FIBROLITE" WILL ENABLE YOU TO BUILD A FIRE RETARDANT HOME AT A LOWER COST THAN CAN BE OBTAINED BY THE USE OF ANY OTHER BUILDING MATERIAL.
OTHER USES for “FIBROLITE”

“FIBROLITE” can be used for hundreds of different purposes in the construction of city, suburban and farm buildings of all types — for additions, renovations and odd jobs. A few of the more general uses are illustrated hereunder.

- PICTURE THEATRES
- FARM BUILDINGS
- SERVICE STATIONS
- DAIRY SHEDS
- SHOPS
- BOAT SHEDS
- AWNING CEILINGS
- POULTRY HOUSES
- CHURCHES AND HALLS
- ENCLOSING VERANDAHS
Fibrolite Is Easily and Quickly Erected

Not least of the many advantages offered you by "Fibrolite" is the sound economy it ensures in the building of the home. Quick construction is assured, waste is practically eliminated, and labour costs are reduced to a minimum.

"FIBROLITE" Sheets are easily and quickly erected, being simply nailed to the wall studs and/or ceiling joists as described on pages 19 and 20. Any carpenter can fix "Fibrolite"—no special tools or special skilled labour are required. "Fibrolite" is sawed and nailed in position just like timber. It is light in weight, enabling the big broad sheets to be easily handled and quickly applied by one man. Studs, joists and rafters are fixed and spaced as in ordinary frame type construction and the "Fibrolite" Sheets are nailed directly to the wood framework.

LARGE AREAS QUICKLY COVERED

Large wall or ceiling areas can be quickly covered with "Fibrolite." For example, to cover a wall 20ft. x 10ft., only 5 sheets 10ft. x 4ft. are required...5 sheets that can be easily and speedily erected without waste, mess or litter, and at a minimum cost for labour.

EASILY CUT TO ANY SHAPE

"FIBROLITE" can be easily cut to any shape with a hand saw, enabling it to be fitted around doorways, windows, archways, stairways and in practically any position. Where necessary, sheets can be supplied specially curved to desired radius. (See page 22.)

RIGIDLY BRACES FRAMEWORK

Strength and rigidity are two main essentials to the perfect frame-type building. Adequate provision for both will be assured by specifying "Fibrolite" Sheeting for the exterior and interior walls and ceilings of your new home.

Because "Fibrolite" possesses exceptional strength and rigidity, it strongly braces the framework of the building...each stud and joist is held firmly in position...any tendency to movement in the framework is checked...rugged strength and rigidity are built into the walls.

44 STOCK SIZES...NO WASTE

"Fibrolite" is supplied in strong, rigid building sheets in 44 handy stock sizes, including widths of 1ft., 1ft., 6in., 2ft., 3ft., and 4ft. and lengths ranging from 3ft. to 12ft. (see page 22). This large range of stock sizes reduces cutting to a minimum, eliminates waste, simplifies construction and results in a marked saving in labour costs.

COMPARE "FIBROLITE" CONSTRUCTION, POINT BY POINT, WITH ANY OTHER FORM OF CONSTRUCTION AND ITS MANY ADVANTAGES WILL BE IMMEDIATELY APPARENT.
**DIRECTIONS FOR FIXING**

"FIBROLITE" FLAT SHEETS

To Exterior and Interior Walls, Ceilings, Partitions, etc.

Manufactured in 44 handy stock sizes (see page 22), "Fibrolite" Flat Sheets are easily and quickly fixed to walls, ceilings, partitions, etc., of frame-type buildings, with practically no waste. No special skilled labour is required. Any carpenter can erect "Fibrolite" Sheets, using ordinary carpenters' tools.

In fixing "Fibrolite" Flat Sheets, the directions given hereunder should be followed.

**TIMBER FRAME:**

For homes and other classes of buildings on which "Fibrolite" Sheets are to be used for exterior and interior walls and ceilings, studs, joists, sills, plates, rafters, etc., should be of no greater dimensions and framed in a similar manner as for ordinary frame-type construction.

**SPACING OF STUDS AND JOISTS:**

Studs and joists must be of even depth so as to form a flat surface, and should be spaced according to the width of the sheets to be used, viz:-

- **Sheets 4' and 2' wide:** Space studs and joists at 2' centres.
- **Sheets 3' and 1' 6" wide:** Space studs and joists at 1' 6" centres.

**SUPPORT BEHIND JOINTS AND EDGES:**

A timber support or backing must be provided behind all joints and/or edges of sheets. Where joints and/or edges do not fall on studs or joists, an intermediate batten or nogging piece must be inserted to give the necessary support behind the joint or edge.

**METHODS OF TREATING JOINTS:**

**EXTERIOR WALLS:**

In fixing "Fibrolite" Sheets, the edges should be butted, not lapped.

Other than for surfaces where a roughcast or "stucco" finish is to be applied, joints and/or edges of sheets may be covered as follows:-

- **Vertical Joints:**
  - For all exterior vertical joints, a 2" strip of bituminous felt dampcourse should be nailed to the studs underneath the sheets.
  - Cover joints and/or edges of sheets with "Fibrolite" Cover Moulding Art. 8, fixed with blunt point nails or screws, and internal and external angles with "Fibrolite" Angle Moulding Art. 8a and 8b, fixed in same way.
  - Alternatively, joints and edges of sheets may be covered with timber cover battens in any size desired.

- **Horizontal Joints:**
  - When "Fibrolite" Sheets are applied horizontally, the horizontal joints may be covered as described hereunder:-
    1. With "Fibrolite" Horizontal Moulding Art. 10 or Art. 12:
      - These mouldings are specially designed for horizontal fixing, providing efficient weathering as well as a most modern horizontal line effect. The flat portion of the moulding fits behind the lower edge of the upper sheet and the rounded portion laps over the outside of the lower sheet. In fixing, check out studs to a depth of 4" to take flat portion of moulding; cut in 3" x 1" nogging between studs and set back 4" from face of studs; insert a 1½" x 4" lath to pack out nogging to support top edge of lower sheet as shown in Fig. 2. At all corners, use "Fibrolite" Internal and External Corner Pieces as illustrated on page 21.

    ![Fig. 2](image)

    Showing fixing of "Fibrolite" Horizontal Moulding Art. 10. Art. 12 is fixed in similar manner.

    2. With "Fibrolite" Horizontal Moulding Art. 13:
      - When this moulding is used for covering horizontal joints, nogging must be cut in between the studs to enable the moulding to be fixed to same. A galvanised weather strip must be inserted behind the lower edge of the upper sheet and lapped over on the outside of the lower sheet as illustrated in Fig. 3. The moulding is then fixed to the timber framework with nails or screws and may be neatly mitred at all internal and external angles.

    ![Fig. 3](image)

    Showing fixing of "Fibrolite" Horizontal Moulding Art. 13.

    3. With "Fibrolite" Cover Moulding Art. 8:
      - When this moulding is used for covering horizontal joints, nogging must be cut in between the studs to enable the moulding to be fixed to same. A galvanised weather strip must be inserted behind the lower edge of the upper sheet and lapped over on the outside of the lower sheet as illustrated in Fig. 1. The moulding is nailed or screwed to the timber framework in the same manner as with vertical joints.
4. Half-timbered Treatments:
When a half-timbered treatment is adopted on exterior walls by using rusticated weatherboards to sill height and "Fibrolite" Sheetings above, the joint at the intersection of the weatherboards and "Fibrolite" Sheetings is covered with "Fibrolite" Horizontal Moulding Art. 11 (see Fig. 4), using corresponding internal and external corner pieces at corners. The joints and edges of the "Fibrolite" Sheets are treated as described on page 19, according to the method in which the sheets are fixed—horizontally or vertically.

To ensure a neat and durable finish around door and window openings, the use of "Fibrolite" Architrave Moulding Art. 5 is recommended.

Note: When "Fibrolite" Sheets are applied horizontally any vertical joints are covered with "Fibrolite" Cover Moulding Art. 8, as described under heading "Vertical Joints" on page 19.

Roughcast or "Stucco" Finishes:
Where roughcast or "stucco" finishes are to be applied to exterior walls, etc., to be covered with "Fibrolite" Sheets, the directions given hereunder should be followed:

1. First apply a narrow strip of waterproof building paper to the face of all studs on which "Fibrolite" Sheets will butt, to prevent timber from absorbing water from cement aggregate.
2. Erect "Fibrolite" Sheets with reverse side exposed and joints butted.
3. Cover all joints, both horizontal and/or perpendicular, with a strip of ⅛" mesh wire netting.
4. Thoroughly saturate sheets after erection with water.
5. Paint exposed surface of sheets with one good coat of neat cement and water.
6. After thoroughly mixing the roughcast, composed of two parts of cement, one part of clean sand, and four parts of coke breeze (by measure), apply in the usual way.

Note: Roughcast should not be applied until after all heavy nailing in building has been completed.

After applying roughcast, the entire area so treated should be covered for a few days with damp sacks or heasian to prevent drying out too quickly.

INTERIOR WALLS:
Panelled Treatments:
Cover all vertical and/or horizontal joints with "Fibrolite" Cover Moulding Art. 8 and internal and external angles with "Fibrolite" Angle Mouldings Art. 8a and 8b. To ensure a neat finish around door and window openings, use "Fibrolite" Architrave Moulding Art. 5, and for picture rails use "Fibrolite" Picture Rail Moulding Art. 7.

Alternatively, joints and angles may be covered with dressed timber battens and mouldings.

Applying Wallpaper to "Fibrolite":
Before applying wallpaper to "Fibrolite" the surface of the sheets should be given a coat of wall size.

All joints should be stopped with plaster and covered with strips of cheese cloth about 2" wide. The entire area of the walls is then covered with a lining paper, after which the wallpaper is applied in the usual way.

When wallpaper is to be applied vertically, the lining paper should be applied horizontally, and vice versa.

CEILINGS:
Cover all joints with "Fibrolite" Cover Moulding Art. 8, using "Fibrolite" Cornice Moulding Art. 6 or Internal Angle Moulding Art. 8b at angle of wall and ceiling. Alternatively, timber cover battens and mouldings may be substituted.

Where more decorative panel treatments are desired, intermediate mouldings may be applied over the "Fibrolite" Sheets, but where such treatments are adopted it is necessary to insert additional battens between the ceiling joints to enable the mouldings to be fixed to same.

CUTTING SHEETS:
When delivered, "Fibrolite" Sheets are not fully matured and can accordingly be easily cut with a hand saw. A simpler method of cutting the sheets is to use an old knife or the sharp end of a chisel and scribe deeply along a straight edge. The sheets can then be snapped in much the same manner as with glass.

As "Fibrolite" Sheets are available in such a large range of handy stock sizes (see page 22), the necessity of cutting is reduced to a minimum.

NAILING:
Beginning in the centre, nail "Fibrolite" Sheets to intermediate studs and joists and then secure edges and ends. Space nails approximately 9" apart, about ⅛" from edges and ends of sheets and along centre of intermediate studs and joists.

Galvanised nails with special blunt points are available for fixing "Fibrolite" Flat Sheets. Nails generally used are:
- For softwoods — 1" x 14 gauge
- For hardwoods — ⅝" x 14 gauge

PAINTING:
Our "Fibro-C" Cold Water Paint is especially recommended for use on "Fibrolite" Sheets for both exterior and interior surfaces, giving the most satisfactory results at the minimum of cost. Apply in accordance with manufacturers' directions. Available in 17 colours and white. Colour chart mailed on request, free.

Oil paints and enamels may also be used on "Fibrolite," giving a highly artistic and durable finish. Before applying these mediums, the sheets must be given a priming coat with a cement sealer, after which the paint or enamel is applied in accordance with manufacturers' directions.

Before applying any paint to "Fibrolite" Sheets, see that the surface is thoroughly dry.

STACKING:
When delivered, "Fibrolite" Sheets should be stacked flat on an even floor and, if possible, kept under cover until ready for use.

Do not stack sheets on edge.
"FIBROLITE" MOULDINGS
For use with "Fibrolite" Flat Sheets

Lengths: (excepting Art. 10b and 10c) 6', 7', 8', 9', 10', 11' and 12'.

ART. 8.—"Fibrolite" Cover Moulding
Used for vertical panelling of exterior walls; vertical and horizontal panelling of interior walls; and panelling ceilings.
Sizes: 1½", 2", 2½", 3".
Thickness: ⅛".

ART. 8a.—"Fibrolite" External Angle Moulding

ART. 8b.—"Fibrolite" Internal Angle Moulding
Sizes: 1½" x 1½", 2" x 2"; 2½" x 2½", 3" x 3".
Thickness: ⅛".

ART. 10.—"Fibrolite" Horizontal Moulding
For horizontal panelling of walls covered entirely with "Fibrolite" Sheets.

ART. 11.—"Fibrolite" Horizontal Moulding
For flashing joint between "Fibrolite" Sheets and weatherboards where halftimbered treatment used.

ART. 12.—"Fibrolite" Horizontal Moulding
For horizontal panelling of walls covered entirely with "Fibrolite" Sheets.

ART. 13.—"Fibrolite" Horizontal Moulding
For horizontal panelling of walls covered entirely with "Fibrolite" Sheets.

ART. 10b.—"Fibrolite" Corner Piece for Internal Angle

ART. 10c.—"Fibrolite" Corner Piece for External Angle
For use with "Fibrolite" Horizontal Moulding Art. 10.
Similar Corner Pieces are supplied for use with "Fibrolite" Horizontal Mouldings Art. 11 and Art. 12.

ART. 5.—"Fibrolite" Architrave Moulding
Used around door and window openings.
Size: 2½" wide x ⅛" thick.

ART. 6.—"Fibrolite" Cornice Moulding
Size: 4" girth x ⅛" thick.

ART. 7.—"Fibrolite" Picture Rail Moulding
Size: 2½" wide x ⅛" thick.

The above drawings illustrate the uses of "FIBROLITE" Mouldings on exterior and interior walls, panelled horizontally and vertically, and ceilings.
SIZES, THICKNESSES AND WEIGHTS

"Fibrolite" Flat Sheets

THICKNESSES:
For Exterior Walls, Gables, etc.: No. 5 Sheets, 3/16" thick.
" Interior Walls and Ceilings: No. 4 Sheets, 5/32" thick.
Sheets up to 1" thick manufactured to order.

SIZES:
1'0" wide x 3', 4', 5', 6', 7', 8', 9', 10', — — long
1'6" x 3', 4', 5', 6', 7', 8', 9', 10', — — "
2'0" x 3', 4', 5', 6', 7', 8', 9', 10', — — "
3'0" x 3', 4', 5', 6', 7', 8', 9', 10', "11', "12'
4'0" x 3', 4', 5', 6', 7', 8', 9', 10', "11', "12'
"11' and 12' lengths manufactured in sheets 3/16" and thicker only.

CURVED SHEETS:
"FIBROLITE" Flat Sheets can be supplied curved, at an increased cost, for use on corners of buildings, etc., in stock widths: 1', 1'6", 2', 3' and 4', and in lengths 4', 5', 6', 7', 8', 9' and 10'.
Standard radius to which sheets may be curved are as follows:
For Exterior use: 1'0", 1'6", 2'0", 3'0" and 4'0".
" Interior " 0'8", 1'2", 1'6", 2'8" and 3'8"
When ordering, it is essential that the following information be given:
1. The radius of the curvature required.
2. Whether sheets are to be fixed horizontally or vertically.
3. Whether sheets are to be fixed on exterior or interior walls.
4. Whether sheets are to have a straight portion beyond the curved portion.
5. If the face of the sheet is required on the inside or the outside of the curve.
When sheets are required with a straight portion on each side of the curve, the straight portion on one side must not exceed 1' in length.

CURVED "FIBROLITE" MOULDINGS:
"FIBROLITE" Cover and Angle Mouldings, Horizontal Mouldings, Picture Rail Moulding and Cornice Moulding (see page 21) can be supplied curved to standard radii shown at increased cost.

"Fibrolite" Corrugated Sheets

"SUPER-SIX" (Regd.) SHEETS:
Large Corrugations—5½" Pitch.
Thickness (Nom.) 1½", for fixing with a nominal side lap of 2" or 7", as desired.
Weight per Square fixed on Roof (approx.)—
2" side lap, 320-lbs.; 7" side lap, 360-lbs.
Varying according to end lap used.
Lengths (4'0", 5'0", 6'0", 7'0", 8'0", 9'0", 10'0"

"FIBROLITE-STANDARD" SHEETS:
Small Corrugations—3" Pitch.
Thickness (Nom.) 7/32", for fixing with a side lap of 1½ corrugations
Weight per Square fixed on Roof (approx.) 290-lbs.
Varying according to end lap used.
Lengths (4'6", 5'6", 6'6", 7'6", 8'6", 9'6"

CURVED SHEETS:
"Fibrolite" Super-Six and "Fibrolite-Standard" Corrugated Sheets can be supplied curved to various radii. Full particulars on application.

Directions for fixing "Fibrolite" Super-Six and "Fibrolite-Standard" Corrugated Sheets supplied on request.

ROOFING ACCESSORIES:
Sizes and full particulars regarding "Fibrolite" Gutters and Downpipes, Ridge Cappings, Roof Skylights, Roof Ventilators, Barge Mouldings, etc., supplied on application.

Weights
Approximate Number of Square Yards to One Ton.

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<tr>
<td>&quot;Fibrolite&quot; Flat Sheets No. 5</td>
<td>130</td>
<td>110</td>
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<tr>
<td>&quot;        &quot; No. 4</td>
<td>160</td>
<td>140</td>
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<tr>
<td>&quot;Super-Six&quot; Corrugated Sheets</td>
<td>90</td>
<td>80</td>
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<tr>
<td>&quot;Fibrolite-Standard&quot; Corrugated Sheets</td>
<td>100</td>
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Give beauty, luxury and charm to your new home . . . or modernise your present dwelling . . . by using "TILUX" for covering your bathroom and kitchen walls.

"TILUX" is a "marble-finished" asbestos-cement wall panel. It has a smooth, highly glazed surface that provides all the luxury, beauty and hygienic cleanliness of marble. Its beautiful, smooth, glistening surface is exclusive—quite unlike anything offered by any other material.

"TILUX" not only gives a modern note of colour and beauty to walls—its advantages of utility are of equal importance. It is fire retardant and unaffected by water—hygienic and easy to clean . . . a damp chamois keeps it spotless, always artistic and immaculate.

Sound economy is also assured, as "Tilux" not only costs considerably less than tiles, but is fixed in a fraction of the time, at a fraction of the cost.

"TILUX" can be panelled with "Tilux" Cover Mouldings, which are available in all standard "Tilux" patterns. Many modern and artistic effects are also obtained by panelling "Tilux" with "LUMEX" Metal Mouldings. (See page 24.)

"TILUX" is not painted. Its colour and finish are composed of an all-mineral substance, scientifically applied by an exclusive mechanical process.

A "TILUX" Bathroom is an ever-present source of satisfaction to the discriminating housewife and a joy to her most fastidious guest. Illustration shows walls of Meadow-Green "Tilux," with bands and skirting in St. Anne "Tilux," panelled with "Lumex" Metal Mouldings.
“TILUX" STANDARD PATTERNS
Effective from 1st July, 1939

Art. No. 27—Dappled-Gold

Art. No. 28—Meadow-Green

Art. No. 23—Pearl-Grey

Art. No. 25—Mottled-Blue

Art. No. 24—Dappled-Green

Art. No. 29—Meadow-Green

Art. No. 20—Mottled-Grey

Art. No. 28—Old Ivory

“TILUX" COVER MOULDING AND SKIRTING

“Tilux” Cover Moulding and Skirting are available in all standard “TILUX” patterns, but unless instructed to the contrary by purchaser when ordering, are supplied in same pattern as “TILUX" panels ordered.

When ordering, state pattern required and give Art. No.

St. Anne Pattern

ALWAYS ORDER BY ART. NUMBER

Sole Manufacturers of “Tilux”:

JAMES HARDIE & COY. PTY. LTD.
SYDNEY, NEWCASTLE, MELBOURNE, BRISBANE, PERTH, AND AUCKLAND, N.Z.
Unexcelled for covering walls of Bathrooms and Kitchens; Pantries; Vestibules; Hospitals; Surgeries; Hotels; Restaurants; Counter Fronts; and for all purposes where a highly artistic, colourful and hygienic finish is desired.

Only a fraction of the cost of tiles fixed.

"TILUX" IS EASILY ERECTED

"TILUX" is easily and quickly fixed. Any carpenter can erect it — with ordinary carpenter's tools. It can be readily cut to any size or shape with a hand saw. No special skilled labour is required — no special tools — no special fittings.

In fixing "TILUX," the panels are simply nailed at the edges and screwed in the centre to the wall studs or framework, which should be so spaced as to provide a support under the edges and centre of each panel. The panels erected, the joints are covered with "TILUX" Cover Moulding and Skirting, these being attached with nickel-plated round head screws. All screw holes should be drilled — not punched. To ensure a well-balanced appearance, the nickel screws used for the cover moulding and skirting should be evenly spaced at about 12in. centres. Alternatively, the joints, angles and edges of panels may be covered with "Lumex" Metal Mouldings as illustrated on right.

When fixing "TILUX" to concrete, brick or stone, the walls should be securely plugged and battened so as to provide a framework for nailing under the edges and for screwing in centre of panels, and for the skirting. Care should be taken to see that the framework is reasonably true.

Nails: We recommend that our special 1in. x 14 gauge galvanised blunt point nails be used (for edges only).

Screws: 1 1/2in. x 8 gauge nickel-plated round head brass screws are recommended.

Cleaning: In cleaning "TILUX," a damp chamois only should be used, with an occasional application of a good furniture wax for the purpose of retaining the highly glazed surface of the panels. Sandsoap or other abrasives must not be used on "TILUX."

"LUMEX" (Regd.) METAL MOULDINGS

For covering joints and edges of "TILUX" Marble-finished Wall Panels. Give a highly artistic and modern appearance. Manufactured in sections as illustrated hereunder.

N.B. These Mouldings are not recommended for use where there is much moisture or water contact.

SIZES

"TILUX" Panels: 1ft., 1ft.-6in., 2ft., 3ft. and 4ft. wide x 3ft., 4ft., 5ft., 6ft., 7ft. and 8ft. long.

"TILUX" Cover Moulding: 1 1/2in., 2in. and 3in. wide x 4ft., 5ft., 6ft., 7ft. and 8ft. long.

"TILUX" Skirting: 6in. and 8in. wide x 4ft., 5ft., 6ft., 7ft., and 8ft. long.

"LUMEX" Mouldings: Lengths: 4ft., 5ft., 6ft., 7ft. and 8ft.
A modern kitchen with walls in Old-Ivory "Tilux," panelled with "Tilux" Mouldings and Skirting in Meadow-Green.

"TILUX" is easily and quickly erected

"TILUX" comes to you in large panels of various sizes. It is easily and quickly erected and can be fixed to practically any wall base—timber studs, brick, stone or concrete. You may use "Tilux" over old walls as well as for new.

Any carpenter can erect "Tilux" with ordinary carpenters' tools. It can be readily cut to any size or shape with a hand saw. No special skilled labour is required in fixing...no special tools...no special fixings.

"Tilux" is especially suitable for all buildings of frame construction.

"LUMEX" (Regd.) Metal Mouldings

For covering joints and edges of "Tilux" Marble-finished Wall Panels and "Velotile" Wall Tile Sheeting. Give a highly artistic and modern appearance. Manufactured in sections as illustrated hereunder.

"TILUX" Standard Patterns

Art. 20—Mottled-Grey.
21.—St. Anne.
23.—Pearl-Grey.
24.—Dappled-Green.
25.—Mottled-Blue.
26.—Old-Ivory.
28.—Meadow-Green.

ORDER BY ART. No.

SIZES

"TILUX" Panels ..................................... 1', 1' 6", 2', 3' and 4' wide x 3', 4', 5', 6', 7' and 8' long
"TILUX" Cover Moulding ............................. 14", 2" and 3" wide x 4', 5', 6', 7' and 8' long
"TILUX" Skirting .................................... 6" and 8" wide x 4', 5', 6', 7' and 8' long
"LUMEX" Mouldings ................................ Lengths: 4', 5', 6', 7' and 8'
By using "VELOTILE" for your bathroom, kitchen, pantry and laundry, you will be assured of colourful and hygienic tile-like walls at the minimum of cost.

COLOURED "VELOTILE" SHEETS
"VELOTILE" Sheets are patterned to give the appearance of 4" x 4" tiles set in cement and are available in three artistic and popular colours, viz.: Art. 41, Blue; Art. 42, Green; Art. 43, Stone. These colours are deeply impregnated in the surface of the material, whilst the grooves forming the tiles are in a cement colour, giving a most realistic tile effect. When Coloured "Velotile" Sheets are used no painting or other decorative mediums are required. There are no maintenance costs. The colourful surface of "Velotile" is permanent, and its freshness can be easily retained by merely cleaning it with a damp chamois.

Coloured "Velotile" Sheets are available in the following sizes:

\[
\begin{align*}
3' \times 4' & \quad 4' \times 4' & \quad 5' \times 4' & \quad 6' \times 4' & \quad 7' \times 4' & \quad 8' \times 4' \\
4' \times 4' & \quad 5' \times 4' & \quad 6' \times 4' & \quad 7' \times 4' & \quad 8' \times 4' & \quad 9' \times 4'
\end{align*}
\]

PLAIN-FINISH "VELOTILE" SHEETS—Art. 40
"VELOTILE" is also available in sheets with a plain, undecorated surface but with the face primed with a special cement sealer ready for painting. Decorative finishes may be applied with any good quality paint or enamel in any colour desired. Like Coloured "Velotile," the Plain-finish Sheets are of a tile pattern, each square being 4" x 4", formed with clean cut grooves of uniform width and depth.

Plain-finish "Velotile" Sheets are available in the following sizes:

\[
\begin{align*}
3' \times 5' & \quad 3' \times 6' & \quad 4' \times 6' & \quad 6' \times 6' & \quad 3' \times 7' & \quad 4' \times 7' & \quad 5' \times 7' & \quad 6' \times 7'
\end{align*}
\]

\[
\begin{align*}
3' \times 8' & \quad 4' \times 8' & \quad 5' \times 8'
\end{align*}
\]
CORRUGATED ROOFING

In addition to its extensive use on industrial works, commercial and public buildings, "FIBROLITE" Corrugated Sheeting is widely used for suburban and country homes and seaside cottages.

Whether you choose "Fibrolite" Super-Six Sheets with their large, bold corrugations or "Fibrolite-Standard" Sheets with small corrugations, you will be assured of an outstanding roof of attractive appearance and lasting durability.

As to advantages... "Fibrolite" Corrugated Roofing offers you a degree of permanence and economy not to be obtained with other classes of roofings. Composed solely of Portland Cement and Asbestos Fibre, it contains nothing to rot, rust or corrode. It is resistant to sea-air and fumes; is permanently durable; ensures coolness in summer; eliminates maintenance; never requires painting. It Improves with Age... its First Cost is its Last Cost.

Directions for fixing supplied on request.

For Sizes, see page 22.

Illustration on left shows a portion of the large, modern works of Messrs. H. V. McKay Massey Harris Pty. Ltd., Concord, N.S.W., roofed with 113,500 square feet of "FIBROLITE" Super-Six Corrugated Sheets.

This is but one of the many large factories in Australia for which over 100,000 square feet of "Fibrolite" Corrugated Sheets have been used for roofing... ample proof of the ever-increasing preference for this economical and permanent roofing.
For Walls, Ceilings, etc. . . .
"FIBROLITE" Asbestos Cement Flat Sheets.
"FIBROLITE" Cover and Angle Mouldings.
"FIBROLITE" Cornice and Architrave Mouldings.
"FIBROLITE" Picture Rail Mouldings.
"FIBROLITE" Ventilators.
"TILUX" Marble-finished Wall Panels.
"VELOTILE" Wall Tile Panels.
"LUMEX" Metal Mouldings.
"ACOUSTOLITE" Sound and Heat Insulating Materials.

For Roofing. . .
"FIBROLITE" Corrugated Sheets.
"FIBROLITE" Guttering and Downpipe.
"FIBROLITE" Ridge Cappings.
"FIBROLITE" Skylights.
"FIBROLITE" Roof Ventilators.
"FIBROLITE" Asbestos Cement Tiles.
"TUSKAN" Tiles.

Miscellaneous. . .
"FIBROLITE" High Pressure Water Pipes.
"FIBROLITE" Culvert Formers.
"FIBROLITE" Water Troughings.
"FIBROLITE" Water Channelling.
"FIBROLITE" Conduits for Electric Mains.
"FIBROLITE" Louvre Blades.
"FIBROLITE" Barge Mouldings.
"FIBROLITE" Gas Flue Pipes.
"FIBROLITE" Electrical Sundries.
"VELOBLAC" School Blackboards.

JAMES HARDIE & COY. PTY. LTD.
Sydney, Newcastle, Brisbane, Melbourne,
Perth, Auckland.