

Wall Wrap

Product Guide



 **SISALATION**
The Original and The Best

Weather control on a roll

Fletcher
Insulation

»»» Sisalation® Wall Wrap

All Sisalation® reflective foil laminate (RFL) products in the Sisalation® Wall Wrap range are designed for installation as wall wraps. This range is continuously tested for their individual performance characteristics and superior quality features in these applications.

Best For

Residential timber and steel framed walls and gables. Sisalation® Wall Wrap products assist in minimising draughts, which enables bulk insulation to perform more effectively.

The 'Breather' variant, distinguished by pin perforations, is designed for use where a Semi-Permeable Membrane is specified.

Benefits of Sisalation® RFL

Insulation All products in the Sisalation® Wall Wrap range are tested in accordance with AS/NZS:4200.1 and proven to provide significant long term thermal insulation benefits.

Protection Sisalation® RFL is the essential barrier to the elements for any building – providing protection against elements such as wind, dust, rain and condensation.

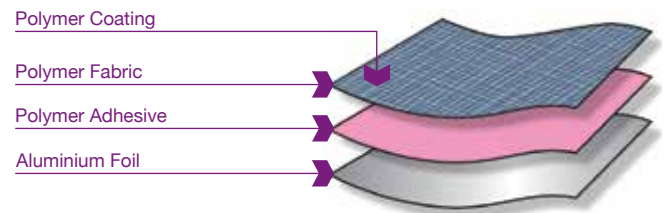
Environmental Benefits All products in the Sisalation® Wall Wrap range do not contain any ozone depleting substances.

Quality All products in the Sisalation® Wall Wrap range are manufactured in Australia under an ISO 9001 Certified Quality Management System.

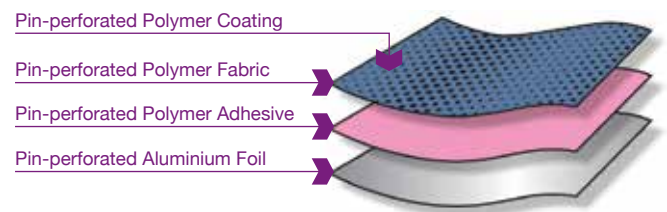


Product Composition

☞ Sisalation® 497 Tuff Wrap™ Standard



☞ Sisalation® 497 Tuff Wrap™ Breather



Sisalation® Wall Wrap comply with the requirements of AS/NZS:4200.1

Sisalation® Wall Wrap Range

Sisalation® Tuff Wrap™ STANDARD and Sisalation® Tuff Wrap™ BREATHER

Sisalation® Tuff Wrap™ is made from a super strong, tear resistant woven polymer which is laminated to reflective aluminium foil. The foil's reflective surface keeps radiant heat out of a home while the polymer weave provides a strong, water resistant barrier to protect against the elements.

It is an essential part of the fabric of any new home or extension providing insulation benefits and the ultimate protection against the elements. It stops moisture from transferring from the external to the internal walls and allows building work to continue inside a home even in inclement weather. This reduces the risk of construction delays. It is also effective in sealing the home and providing a barrier against wind and dust.

Installation Guidance



All products in the Sisalation® Wall Wrap range are easy to install.

Sisalation® Wall Wrap has a polymer weave construction which makes it extremely light and easy to handle. The use of specially designed Sisal-Fasteners™, fixed at 450mm

centres on each timber stud, ensure a secure protective barrier.

On steel frame houses Sisalation® Wall Wrap should be screwed firmly to the frame using self-tapping screws and a large washer or piece of cement sheet, not less than 20mm in diameter, at 450mm centres on each stud.

Despite its strength, Sisalation® Wall Wrap can easily be cut around doors, windows and other openings with a builder's knife. A minimum overlap of 150mm must be maintained when installing Sisalation® Wall Wrap.

Where taping is required, it is recommended that Vapastop® 883 tape is used.

Suitability

Products in the Sisalation® Wall Wrap range are available in either Standard or Breather form. Standard products are designed for use on timber or steel frames of brick veneer homes.

Breather products are pin-perforated to allow moisture migration through the foil so no excess moisture build up occurs. Breather products are designed for use on timber or steel frames of fibre cement and timber clad homes where the cladding is battened out from the frame.

Technical Specifications

Sisalation® 497 Tuff Wrap™ Standard

Width mm	Length m	Area per roll m ²	Weight per roll kg	Product Code
1350	30	40.5	4.5	255088
	60	81	9	255092
1500	30	45	4.7	255385

Sisalation® 497 Tuff Wrap™ Breather

Width mm	Length m	Area per roll m ²	Weight per roll kg	Product Code
1350	30	40.5	4.5	255089
	60	81	9	255087
1500	30	45	4.7	255393



How Sisalation® RFL Works

Walls are susceptible to some of the harshest weather conditions that a building is exposed to. Sisalation® RFL works by preventing wind driven rain from entering a building as well as stopping wind washing that can reduce the effectiveness of your insulation.

Correctly installed Sisalation® RFL can:

- Increase the effectiveness of your insulation;
- Contribute to the thermal performance of the building envelope if installed adjacent to an air-space;
- Increase the air-tightness of a building;
- Prevent moisture ingress from wind driven rain.

A single layer of Sisalation® RFL, combined with an adjacent air-space provides thermal resistance equivalent to a wall 7 bricks thick!

Weather Protection

Sisalation® RFL not only insulates your home, but protects it from rain driven water infiltration. Sisalation® RFL also limits dust from entering your building by sealing off draughts in the walls and roof space.

Summer

Make sure your family stays cooler and more comfortable at home. Sisalation® RFL reduces heat transfer through the envelope of a building. Where there's a temperature difference, heat flows naturally from a warmer to a cooler space.

Winter

To maintain comfort in colder months, the heat lost must be replaced by the heating system. Sisalation® RFL minimises radiant heat from escaping through the walls and roof by acting as a reflective thermal barrier.

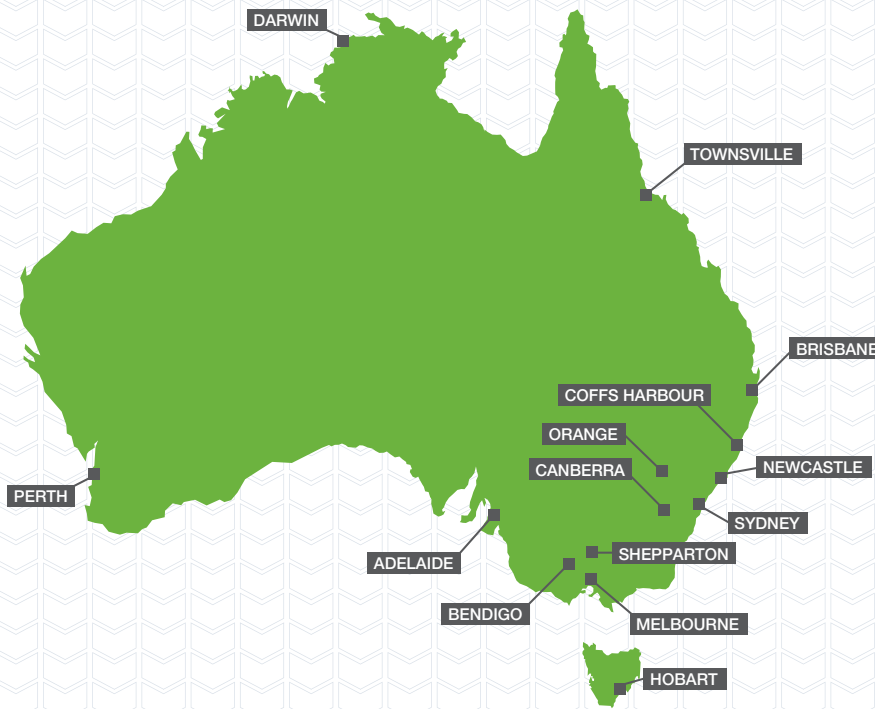
Sisalation®

Sisalation® reflective foil laminates (RFL) have been manufactured in Australia for over 60 years. During that time it has been used in the construction and insulation of millions of Australian homes and thousands of our most architecturally significant public and private buildings. This experience and our intimate product knowledge is what sets Sisalation® RFL apart from the rest. When you purchase Sisalation® RFL, not only are you purchasing Sisalation® - The Original and The Best but you are also assured every one of our products has been fine-tuned precisely for its stated application.

Of course there are many different types of Sisalation® RFL, each expertly designed for a specific end use application whether it is to be used for sarking under a new tiled roof, wall wrap on a new home or extension, or facing foil in air conditioning ducts. Sisalation® RFL has over a 60 year track record of high quality Australian manufacturing and has an unparalleled reputation for excellence, quality, customer service and innovation.



Sales and Distribution Network



Authorised Distributor

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For Sisalation® Information
Call 1300 654 444
www.insulation.com.au

