



The importance of selecting a better **wrap**

Roofing & Profiles (S) Pte Ltd



SISALATON[®]

The Original and The Best

Select Sisalation[®], The Original and The Best[™]

The house you build may be your clients biggest investment.

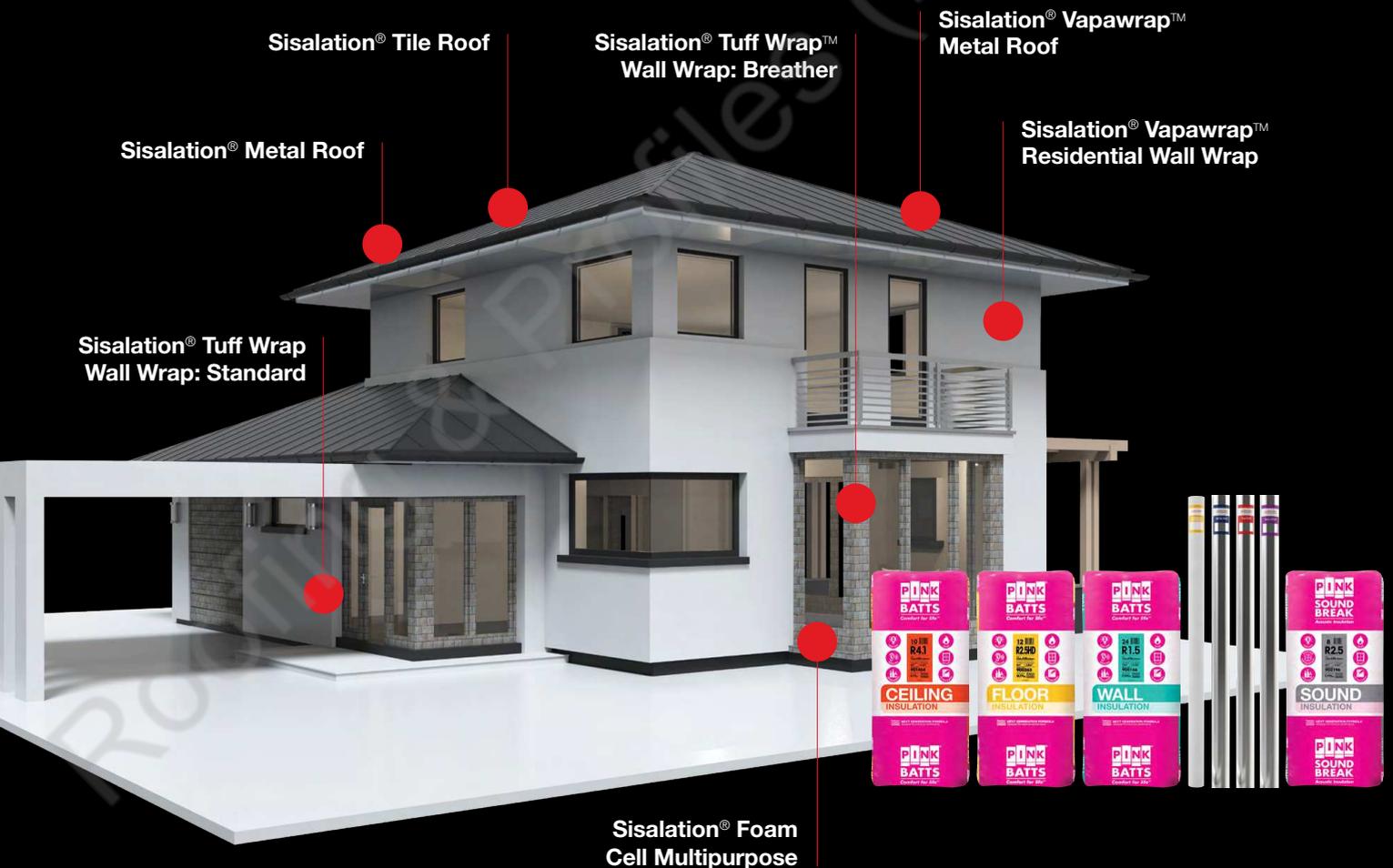
Installing the right Sisalation[®] product is important to ensure it is well protected, more energy efficient, and more comfortable all year round.

Climate zone and construction type determine the risk of damaging condensation. Homes in different parts of our wide country require different amounts of thermal protection. And the minimisation of wind, dust, and moisture penetration is crucial to the health of both homes and their occupants.

That's why Fletcher Insulation manufactures and supplies such a comprehensive range of Sisalation[®] products – each designed for a specific location, application, and building type.

Fletcher Insulation began manufacturing in Australia in the 1940's. Over the years, our wrap products have been used to protect millions of Australian homes and thousands of architecturally significant buildings.

So don't compromise, choose Sisalation[®], The Original and The Best[™] and use this guide to select a better wrap.



Include Pink[®] Batts for a whole-of-home solution

Understanding the difference between wraps for condensation management

Vapour **Permeable** Membranes



Recommended for cooler regions to help manage condensation. It allows vapour to escape the building, whilst helping stop vapour, water, and wind from entering.

Vapour Permeable products:

- Allow moisture vapour to escape from the home without condensing on the inside of the building frame
- Protect the home from water penetration
- Help improve the performance of bulk insulation by reducing wind and dust penetration
- Protect the home from water penetration during construction

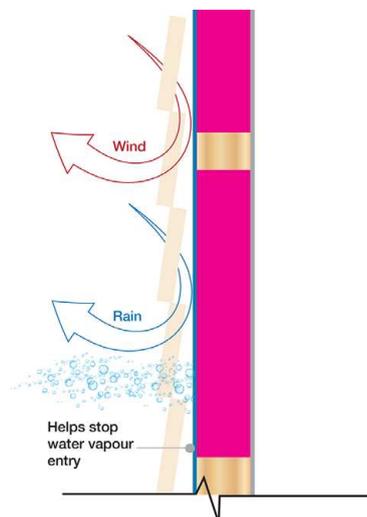
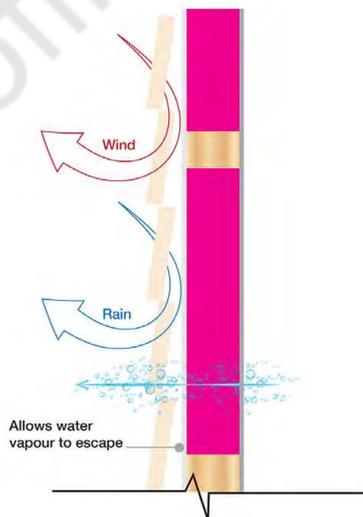
Vapour **Barrier** Membranes



Recommended for warmer regions to help stop vapour, water, and wind entering the building.

Non-permeable, vapour barrier products:

- Protect the home from water penetration
- Reduce wind and dust penetration
- Protect the home from water penetration during construction



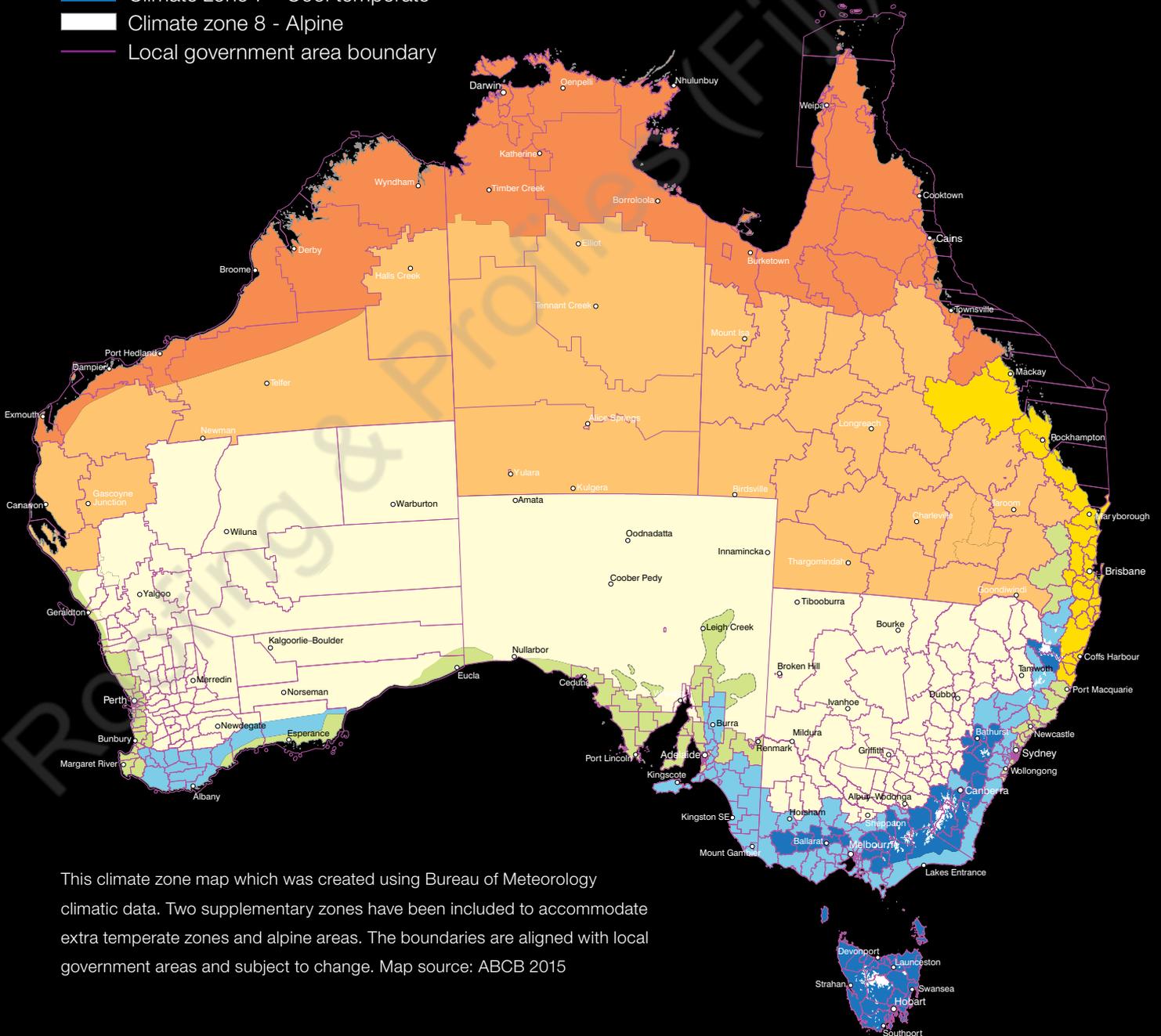
Selecting your climate zone

Knowing your climate zone is crucial to selecting the best Sisalation® product for your project.

Australia's varied climate means that different locations around the country have different heating and cooling requirements. The Building Code of Australia (BCA) has divided the country into eight climate zones, and has determined what level of insulation is required in each.

Use the map below to determine your climate zone, then check the table to choose the best Sisalation® product for your location and construction type.

-  Climate zone 1 - High humidity summer, warm winter
-  Climate zone 2 - Warm humid summer, mild winter
-  Climate zone 3 - Hot dry summer, warm winter
-  Climate zone 4 - Hot dry summer, cool winter
-  Climate zone 5 - Warm temperate
-  Climate zone 6 - Mild temperate
-  Climate zone 7 - Cool temperate
-  Climate zone 8 - Alpine
-  Local government area boundary



This climate zone map which was created using Bureau of Meteorology climatic data. Two supplementary zones have been included to accommodate extra temperate zones and alpine areas. The boundaries are aligned with local government areas and subject to change. Map source: ABCB 2015

Select the best **wrap** for your project



WALL

CLIMATE ZONE	CONSTRUCTION TYPE	PRODUCT	DESCRIPTION
1	Single Brick Veneer with Cavity Wall, Lightweight Cladded Walls, Concrete and Block Wall	Sisalation® Tuff Wrap™ Wall Wrap: Standard (MD) Vapour & Water Barrier	Medium Duty reflective foil with blue anti-glare coating on one side. Exceptional resistance to weather and tearing.
	Double Brick Cavity	Sisalation® Foam Cell Multipurpose Vapour & Water Barrier	3-in-1 multipurpose solution: insulation + thermal break + vapour barrier. Reduces thermal bridging and conductivity between building elements.
	Shed	Sisalation® Foam Cell Shed Liner Vapour & Water Barrier	Foam core encapsulated in reflective foil. Advanced thermal performance. Extra heavy duty strength and durability.
2, 3, 4, 5	Single Brick Veneer with Cavity Wall	Sisalation® Tuff Wrap™ Wall Wrap: Standard (MD) Vapour & Water Barrier	Medium Duty reflective foil with blue anti-glare coating on one side. Exceptional resistance to weather and tearing.
		Sisalation® Vapawrap™ Residential Wall Wrap (Light Wall) Vapour Permeable, Water Barrier	Light and easy to handle, with high strength and durability. Superior breathability and hold out to wind and water.
		Sisalation® Tuff Wrap™ Wall Wrap: Breather Vapour Permeable, Non-Water Barrier	Reflective foil with blue anti-glare coating on one side. Pin-perforated for permeability.
	Lightweight Cladded Walls, Concrete and Block Wall	Sisalation® Vapawrap™ Residential Wall Wrap (Light Wall) Vapour Permeable, Water Barrier	Light and easy to handle, with high strength and durability. Superior breathability and hold out to wind and water.
	Double Brick Cavity	Sisalation® Foam Cell Multipurpose Vapour & Water Barrier	3-in-1 multipurpose solution: insulation + thermal break + vapour barrier. Reduces thermal bridging and conductivity between building elements.
	Shed	Sisalation® Foam Cell Shed Liner Vapour & Water Barrier	Foam core encapsulated in reflective foil. Advanced thermal performance. Extra heavy duty strength and durability.
6, 7, 8	Single Brick Veneer with Cavity Wall	Sisalation® Vapawrap™ Residential Wall Wrap (Light Wall) Vapour Permeable, Water Barrier	Light and easy to handle, with high strength and durability. Superior breathability and hold out to wind and water.
		Sisalation® Tuff Wrap™ Wall Wrap: Breather Vapour Permeable, Non-Water Barrier	Reflective foil with blue anti-glare coating on one side. Pin-perforated for permeability.
	Lightweight Cladded Walls, Concrete and Block Wall	Sisalation® Vapawrap™ Residential Wall Wrap (Light Wall) Vapour Permeable, Water Barrier	Light and easy to handle, with high strength and durability. Superior breathability and hold out to wind and water.

ROOF

CLIMATE ZONE	CONSTRUCTION TYPE	PRODUCT	DESCRIPTION
1, 2, 3, 4, 5, 6, 7, 8	Tile Roof	Sisalation® Tile Roof (HD) Vapour & Water Barrier	Heavy Duty single sided reflective foil kraft paper laminate, bonded to polymer weave. Concrete and terracotta tile roofs.
	Metal Roof	Sisalation® Metal Roof (MD & HD) Vapour & Water Barrier	Double layered kraft paper reinforced by yarn, with reflective aluminum foil and anti-glare coating. Helps reduce noise generated in metal roofs
		Sisalation® Vapawrap™ Metal Roof [#] Vapour Permeable, Water Barrier	Installed over Permastop® Building Blanket protecting against wind washing and water penetration.
	Shed Roof	Sisalation® Foam Cell Shed Liner Vapour & Water Barrier	Foam core encapsulated in reflective foil. Advanced thermal performance. Extra heavy duty strength and durability.

[#]Sisalation® Vapawrap™ Metal Roof is not recommended for Climate Zone 1.

SISALATION® Tapes

Plain Foil Tape



Made from soft aluminium foil with a synthetic rubber/resin on one side. Our Plain Foil Tape is designed to create a vapour sealed joint between Sisalation® products.

WIDTH (mm)	LENGTH (m)	ROLLS PER CARTON	PRODUCT CODE
48	50	24	318400
72	50	16	318405



Vapastop® 883 Reinforced Foil Tape

A strong, reinforced foil tape that conforms well to corners and irregular surfaces to provide an effective vapour seal over the joints of reflective insulation products and/or composites.

WIDTH (mm)	LENGTH (m)	ROLLS PER CARTON	PRODUCT CODE
24	50	48	318039
48	50	24	318040
63	50	16	318080
72	50	16	318085

Why Choose Fletcher Insulation?

Fletcher Insulation really is a one-stop shop for all your thermal and acoustic insulation needs. We manufacture and distribute Sisalation®, Pink® Batts, and many other of Australia's most loved and trusted residential and commercial insulation brands.

We pride ourselves on continually improving our processes to provide products of the highest national and international standards, and technical support of extraordinary value to our customers.

For more information contact us or visit our online specifier advisory service for help to find the perfect insulation products for your project.

For further information

Call **1300 654 444**

Email **info@insulation.com.au**

Visit **insulation.com.au**

