

# SISALATION® WALL WRAP

Light Duty Breather (499)

## PRODUCT DESCRIPTION

An outer layer of aluminium bonded to high density kraft paper bonded to a second foil with a heavy coating of flame retardant adhesive and reinforced with strands of fibreglass. One face is blue to reduce any problems with reflected glare during installation. The

laminated is perforated to allow free passage of moisture through the membrane preventing condensation within the wall space in cold climates.

## PRODUCT APPLICATION

Sisalation® Wall Wrap Light Duty Breather (499) is a Light Duty breather wall wrap recommended for use as a wall wrap for domestic and commercial buildings. When used in conjunction with an airspace it is an effective thermal insulation material because of the high reflectivity and low emissivity of its aluminium

foil surfaces. It also provides an effective barrier against moisture, vapours, wind, heat and dust penetration when overlapped and sealed with Sisalation® Vapastop® 883 self adhesive aluminium tape. It can also be used as insulation under timber floors.

## THERMAL PERFORMANCE

Sisalation® Wall Wrap Light Duty Breather (499) complies with the requirements of AS/NZS4859.1. The contribution of this product to Total R-value depends on installation and environmental conditions

which include the effect of dust.  
Emittance of reflective foil surface  $\leq 0.03$  and antiglare  $\leq 0.1$

## SPECIFICATION

Sisalation® Wall Wrap Light Duty Breather (499) complies with the requirements of AS/NZS4200.1 for "Pliable Building Membranes" which is deemed to satisfy manual recognised by the BCA Part 3.5 Roof and Wall Cladding. It has a low flammability index (not greater than 5) in accordance with AS1530.2 which satisfies the BCA Part 3.7.1 Fire Hazard Properties (Class 1 & 10 Buildings). It also satisfies BCA Specification C1.10 Fire Hazard Properties

(Class 2 to 9 Buildings).  
When specifying, state the following:  
Product Name: Sisalation® Wall Wrap Light Duty Breather (499)  
Duty: Light Duty  
Application: Wall Wrap

## PHYSICAL PROPERTIES

Classifications according to AS/NZS 4200.1

Duty ..... Light  
Vapour Barrier ..... Low  
Emittance ..... Reflective

Water Barrier ..... Unclassified  
Flammability Index ..... Low ( $\leq 5$ )

## CHEMICAL PROPERTIES

Do not allow contact with wet mortar or concrete: alkalis' attack aluminium foil.

## INSTALLATION

Sisalation® Wall Wrap Light Duty Breather (499) should be installed in accordance with AS/NZS4200.2 for the Installation Requirements for "Pliable Building Membranes". External cladding should be

installed without delay. It should be installed with a 150mm overlap between runs. To achieve the stated Total R-values a minimum air space of 40mm is required adjacent to each reflective foil face.

## STANDARD ROLL SIZES

Roll Width	1350mm	1350mm
Roll Length	60m	20m
Roll Area	81m <sup>2</sup>	27m <sup>2</sup>

Other roll sizes available on application.

## HEALTH AND SAFETY

There are no known health or safety risks associated with this product for applications described in this datasheet. For additional information or to request a Material Safety Data Sheet please

visit [www.sisalation.com.au](http://www.sisalation.com.au) or contact your nearest Fletcher Insulation™ office.

Manufactured in Australia by Fletcher Insulation (NSW) Pty Ltd under an ISO9001 Certified Quality Management System.

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