

## Sisalation® Extra Light Duty 110 Non Fire Retardant Building Foil

### Application

Sisalation® Extra Light Duty 110 is a reflective foil laminate. Recommended for use in commercial and industrial wall applications to provide a reflective economical interior lining where fire retardance, strength and resistance to abrasion is not critical

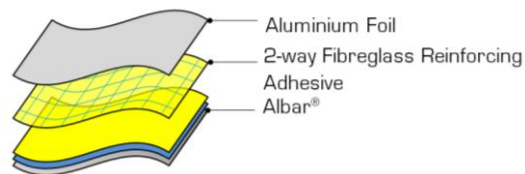
Suitable for use as a:

- Cost effective reflective interior wall facing for commercial and industrial buildings
- Facing for Building Insulation Blanket (BIB)

### Features and Benefits

- Albar® on one side to provide one scuff resistance face
- Two-way fibreglass reinforcing for strength and edge tear resistance
- Highly reflective to enhance lighting conditions
- Low emissivity to limit heat loss
- Manufactured with pure aluminium foil to provide an effective barrier against vapour

### Technical Data



AS/NZS 4200.1:1994 Classification	Requirement	Performance
Mechanical	Tensile Strength	MD ≥ 6.0 kN/m, CD ≥ 3.5 kN/m
	Edge Tear	MD ≥ 30 N, CD ≥ 30 N
Vapour Barrier	≥ 450 MN.s/g	High
Emittance	≤ 0.03	Double Sided-Reflective
Water Barrier	> 100 mm	High
Flammability	≤ 5	Unclassified
Absorbency	< 100 g/m <sup>2</sup>	Unclassified

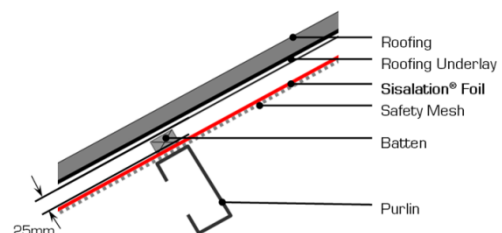
### Installation

#### General

- Sisalation® Extra Light Duty 110 building foil should be installed in accordance with AS/NZS4200.2 Installation Requirements of "Pliable Building Membranes", and the following installation and limitation details
- External cladding should be installed without delay
- When installed in conjunction with insulation the building foil must be installed on the warm side

#### Roof Installation

- Lap upper sheets over lower sheets by no less than 150mm, to prevent water ingress between sheets
- Must be adequately supported (safety mesh)
- Where installed under metal/sheet roofing a clearance of 25mm is required between absorbent roof underlay and foil (or between bulk insulation/foil and roof underlay)



Typical Roof Installation

## Installation continued...

### Wall and Gable Installation

- Run horizontally across the frame
- Lap upper sheets over lower sheets by no less than 150mm
- Fix adequately to framing members

### Limitations

Sisalation® Extra Light Duty 110 *must* be:

- Used behind claddings that will remain weather resistant
- Be installed and clad on the same day (recommended to prevent damaged due to weather)
- Supported if used in ceilings

Sisalation® Extra Light Duty 110 should *not* be:

- Allowed to contact wet mortar or concrete, or exposed to alkaline conditions
- Used in situations where it is permanently wet
- Used in place of an absorbent building underlay (i.e: residential dwellings to comply with NZBC Clause E2 requirements)

## Durability

When used, installed and maintained in accordance with the requirements outlined in this datasheet, Sisalation® Extra Light Duty 110 will meet or contribute to meeting the following provisions of the NZBC: NZBC Clause B2: Durability Meets the requirements of NZBC B2.3.1 a) 50 years and NZBC B2.3.1 b) 15 years

## Environmental

Tasman Insulation is committed to providing environmentally sustainable products. The Sisalation® range of building foils has Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. Air quality during manufacture is maintained with total Volatile Organic Compound (VOC) emissions below quantifiable levels

## Specification Notes

Product required: Sisalation® Extra Light Duty 110 Non Fire Retardant Building Foil  
Product Specification

Description	Product Code	Roll Size	Area	Nominal GSM
Sisalation® Extra Light Duty 110	741106	1350mm x 60m	81m <sup>2</sup>	205gsm

## Storage

Sisalation® Extra Light Duty 110 must be protected against damage and weather. Rolls must be stored on end, under cover in a clean, dry environment. Do not crush product

## Accreditations/Appraisals/Certification



Distributed by:  
Tasman Insulation New Zealand Limited  
9-15 Holloway Place, Penrose, Auckland, New Zealand

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*Please consider the environment before printing this document*

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