

## Sisalation® Light Duty 120

### Non Fire Retardant Building Foil

#### Application

Sisalation® Light Duty 120 is a reflective foil laminate. Recommended for use in commercial and industrial, wall applications to provide a reflective interior lining where fire retardance is not critical and exposure to damaging conditions is minimal

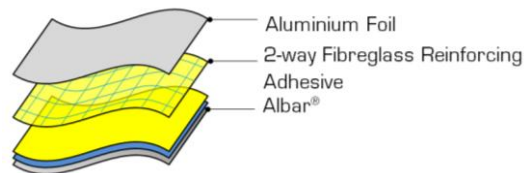
Suitable for use as a:

- 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 reinforcement 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 ≥ 7.5 kN/m, CD ≥ 4.5 kN/m | Light Duty |
|                                   | Edge Tear        | MD ≥ 45 N, CD ≥ 45 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/m²       | Unclassified                 |            |

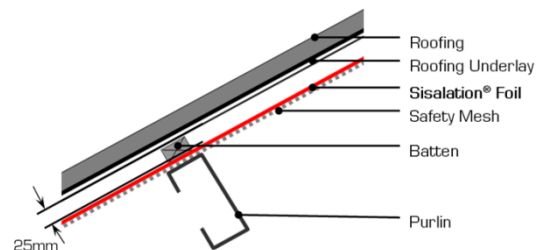
#### Installation

##### General

- Sisalation® Light Duty 120 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 to adequately framing members

### Limitations

Sisalation® Light Duty 120 *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® Light Duty 120 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® Light Duty 120 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® Light Duty 120 Non Fire Retardant Building Foil

Product Specification

| Description                | Product Code | Roll Size    | Area             | Nominal GSM |
|----------------------------|--------------|--------------|------------------|-------------|
| Sisalation® Light Duty 120 | 741206       | 1350mm x 60m | 81m <sup>2</sup> | 230gsm      |

## Storage

Sisalation® Light Duty 120 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



Fletcher Insulation  
Certified QMS



Distributed by:  
Tasman Insulation New Zealand  
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*Please consider the environment before printing this document*

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