

Sisalation® Medium Duty 430WF

White Fire Retardant Building Foil

Application

Sisalation® Medium Duty 430WF is fire retardant reflective foil laminate faced with a white Polybar film. Recommended for use as a interior lining where an abrasion resistant, attractive light enhancing white finish is required

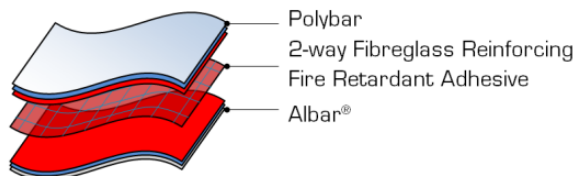
Suitable for use as :

- An interior facing for sports stadiums, warehousing and manufacturing facilities
- An interior facing for commercial and industrial buildings where a glossy white face is required
- A facing for Building Insulation Blanket (BIB)

Features and Benefits

- Glossy white Polybar film face provides superior light diffusion to enhance lighting conditions
- Polybar face provides resistance to chemicals
- Faced with Albar® and Polybar to provide both sides with scuff resistance and prevent damage to surfaces during construction
- High edge tear resistance to prevent ripping during installation
- Two-way fibreglass reinforcement for greater strength
- Fire retardant and will not support combustion or the spread of flame
- 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 ≥ 9.5 kN/m, CD ≥ 6.0 kN/m	Medium Duty
	Edge Tear MD ≥ 65 N, CD ≥ 65 N	
Vapour Barrier	≥ 450 MN.s/g	High
Emittance	≤ 0.03	Reflective
Water Barrier	> 100 mm	High
Flammability	≤ 5	Low
Absorbency	< 100 g/m ²	Unclassified

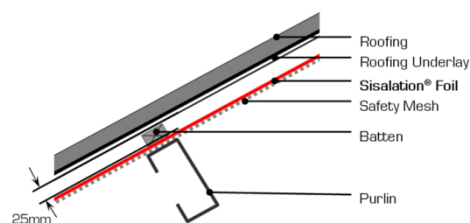
Installation

General

- Sisalation® Medium Duty 430WF White Film Fire Retardant 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® Medium Duty 430WF *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® Medium Duty 430WF 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® Medium Duty 430WF 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® Medium Duty 430WF White Film Fire Retardant Building Foil

Product Specification

Description	Product Code	Roll Size	Area	Nominal GSM
Sisalation® Medium Duty 430WF	744353	1350mm x 30m	40.5m ²	325gsm

Storage

Sisalation® Medium Duty 430WF 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

(1) This data sheet may have been superseded. Please refer to www.pinkbatts.co.nz for the most current information. This datasheet supersedes all previous versions. (2) Tasman Insulation New Zealand Ltd retains the right to change specifications without prior notification. (3) Do not use this product for any application not detailed in this data sheet. (4) Recommendations and advice regarding the use of this product are to be taken as a guide only. The purchaser should ascertain the suitability of this product for the particular enduse situation intended and when used in conjunction with other products. (5) Consult Tasman Insulation New Zealand Ltd for further information. (6) All claims about this product are subject to any variation caused by normal manufacturing process and tolerances. (7) The liability of Tasman Insulation New Zealand Ltd and its employees and agents for any errors or omissions in this data sheet or otherwise in relation to the product is limited to the fullest extent permitted by law. Except where the consumer acquires the goods for the purposes of a business, any rights a consumer may have under the Consumer Guarantees Act are not affected. (8) This information is provided without prejudice to Tasman Insulation New Zealand Ltd standard terms and conditions of sale.

Please consider the environment before printing this document

For further information visit www.pinkbatts.co.nz or call 0800 PINK BATTs (746 522)