

Flamestop® AgriShield (800MF)

Application

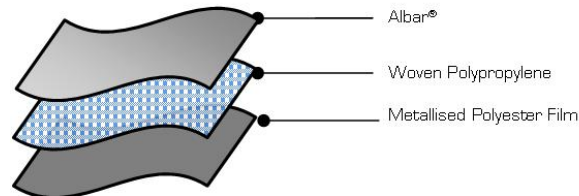
Flamestop® Agrishield (800MF) is a high performance durable foil laminate. It is specifically designed for use in animal and poultry farm facilities as a –

- Thermal insulating material
- Vapour barrier
- Sarking membrane

Features and Benefits

- Constructed with a polyethylene weave core to give high tensile strength and puncture resistance
- Aluminium embedded polyester film surface to provide high resistance to corrosive vapours and sterilising liquids
- Albar® on one side to provide a scuff resistance face

Technical Data



Physical Property Classifications in Accordance with AS/NZS4200.1			
Characteristics	Results	Characteristics	Results
Duty Classification:	Extra Heavy Duty	Resistance to Dry Delamination:	Pass
Vapour Barrier:	High (≥ 450 MN s/g)	Resistance to Wet Delamination:	Pass
Emittance (Albar Face):	Reflective (≤ 0.05)	Shrinkage:	Pass
Emittance (Film):	≤ 0.1	Folding Endurance:	Pass
Water Barrier:	High	Tensile Strength (kN/m):	M.D: ≥ 13 C.D: ≥ 10.5
Flammability Index:	Unclassified	Edge Tear Resistance (N):	≥ 90

The physical properties Flamestop® Agrishield (800 MF) have been tested by independent accredited laboratories. The nominal results are typically representative of performance. Test reports are available on request.

FLAMESTOP®

AGRISHIELD



Green Star Compliant

Fletcher Insulation is committed to providing environmentally sustainable products. *Fletcher Insulation* products have 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.

Thermal Performance

When used in conjunction with an airspace, Flamestop® Agrishield (800MF) is an effective thermal insulation material due to the high reflectivity and low emissivity of its aluminium foil surfaces. The contribution of this product to Total R-value depends on installation and environmental conditions which include the effect of dust.

Comprehensive calculations of Total R-values for typical roof systems are illustrated in the ICANZ Insulation Handbook which can be found at www.icanz.org.au>PublicationsandReports>InsulationHandbook or contact Fletcher Insulation Export Office.

Installation

Flamestop® AgriShield (800MF) should be installed in accordance with AS/NZS4200.2 Pliable Building Membranes and Underlays Installation Requirements. Install with a 150mm overlap between runs, with each higher run lapping over the layer below. The product must be installed in such a way to prevent water from pooling.

Install external cladding without delay. To be effective as a thermal insulator there must be a minimum air gap of 20mm adjacent to at least one reflective foil face. Installing Flamestop® Agrishield (800MF) under battens is an effective method to achieve the required air space.

Aluminium foil is susceptible to alkali attack and therefore should not come in contact with wet concrete.

When specifying, state the following:

Product Name: Flamestop® AgriShield (800MF)

Flamestop® AgriShield (800MF) shall be installed under the battens as a thermal insulation, vapour barrier and sarking.

Standard Roll Size

1.25m x 60m (75m²)

Note: Fletcher Insulation Pty Ltd reserves the right to change product specifications without prior notification. Information in this publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but because of the many factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application.

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

Fletcher Insulation Pty Ltd. A Fletcher Building Company. ABN 72 001 175 355
600 Woodstock Avenue, Locked Bag 19, Rooty Hill, NSW 2766, Australia. Phone: +649 579 6789 Fax: +649 567 5130
www.sisalation.com.au www.insulation.com.au info@tasmaninsulation.com
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