

Vapastop 883

Aluminium Foil/Polymer Laminate

Product description and typical applications

Fletcher Insulation™ VapaStop 883 is a flexible tough vapour barrier material consisting of bright aluminium foil extrusion laminated to a strong polyethylene reinforcing fabric.

FACE 1: Polyethylene reinforcing mesh

FACE 2: Bright aluminium foil

Physical characteristics

VapaStop 883 is used widely in the manufacture of flexible air conditioning ductwork where high tear strength and puncture resistance are required in addition to a high degree of flexibility without delamination of the aluminium foil. The aluminium foil has a very low permeance to water vapour and other gases, which makes VapaStop 883 ideal for air handling ducting. It can be used as both the inner core as well as the outer sleeve around the insulation of the flexible air conditioning duct.

VapaStop facings also provide excellent acoustic absorption without the need for perforation when applied to glass wool insulation blanket and boards. The inherent flexibility and tensile strength of VapaStop 883 also make it ideal for the manufacture of adhesive tapes. VapaStop 883 Tape is available from Fletcher Insulation™.

TYPICAL ROLL SIZES

Product Dimensions	Area / Roll	Approx. Roll Weight
58mm x 3000m	174m ²	12kg
65mm x 3000m	195m ²	13kg
68mm x 3000m	204m ²	14kg

VapaStop 883 is available in widths of 1350mm and 1500mm, and various roll lengths. For availability and specific dimensions please refer to your Fletcher Insulation™ representative.

Thermal performance

Ignitability index	0	AS1530. Part 3
Spread of flame index	0	Test Face: Face 2 - Foil
Heat evolved index	0	
Smoke developed index	0-2	

Physical properties

Nominal Grammage	65g/m	
Nominal Gauge	120um	
Tensile Strength (MD)	4kN/m	AS/NZS4200.1
(CD)	5kN/m	AS/NZS4200.1
Bursting Force	300N	AS/NZS4200.1

The figures quoted are typical values and are not intended to be quoted for specification purposes.

Product function

Under metal roofs, VapaStop 883 will reduce the potential for condensation to occur, preventing water damage to the building fabric.

Protection flexibility

Designed for minimum product creasing, VapaStop 883 is compressed for storage and transport. When unrolled during installation VapaStop 883 returns to its optimum vapour barrier properties.

Vapour barrier

VapaStop 883 will provide an effective vapour barrier when overlapped and sealed with Fletcher Insulation™ VapaStop 883 self adhesive aluminium foil tape.

Sustainability

Sustainability measures that satisfy the needs of people today while enhancing the quality of life for future generations.

The demands on non-renewable resources for the production of energy are not sustainable without compromising the environment. Insulation, correctly specified and installed, is one of the most critical products in improving energy efficiency and reducing the levels of greenhouse gas emissions. Fletcher Insulation™ is committed to providing environmentally sustainable products and utilises up to 70% recycled waste glass in the production of Glass Wool Insulation.

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 is maintained with Total Volatile Organic Compound (VOC) emissions below quantifiable levels.

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.insulation.com.au or contact your nearest Fletcher Insulation™ office.