

VAPASTOP™ 883

Aluminium Foil/Polymer Laminate



PRODUCT DESCRIPTION

Insulation Solutions™ *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

PRODUCT APPLICATION

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. (See also data sheets on PermaStop™ and AFT Ductliner™). 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 *Insulation Solutions*.

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 *Insulation Solutions* representative.

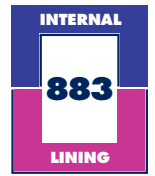
FIRE PERFORMANCE

| | | |
|-----------------------|-----|--------------------------|
| Ignitability index | 0 | AS1530. Part 3 |
| Spread of flame index | 0 | Test Face: Face 2 – Foil |
| Heat evolved index | 0 | |
| Smoke developed index | 0-1 | |

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

PROTECTION



As sarking under tiled roofs, *VapaStop* 883 provides an effective barrier or second skin against the ingress of wind driven rain, dust and debris entering the roof space, particularly if the roof tiles become cracked or damaged.

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

VAPOUR BARRIER



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

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.

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.

Insulation Solutions is committed to providing environmentally sustainable products and utilises up to 70% recycled waste glass in the production of Glass Wool™ Insulation.