

# Sisalation® Facing Foil

## Heavy Duty (450)

### Product Description and Typical Applications

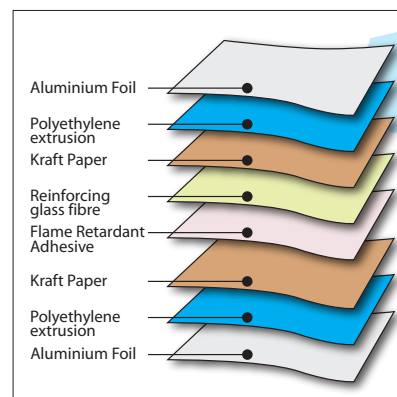
Sisalation® Facing Foil Heavy Duty (450) is a double sided reflective foil laminate recommended for use as a vapour barrier in the lining and lagging of air conditioning ducts, pipes and vessels. It is also used to face building blanket for metal deck roofing and underpinning concrete roof slabs, particularly when a strong, tear resistant facing is required. When used in conjunction with an airspace, it is an effective thermal insulation material because of the high reflectivity and low emissivity of its aluminium foil surfaces. It provides an effective barrier against moisture, vapours, wind, heat and dust penetration when overlapped. Particularly when sealed with Sisalation® Vapastop® 883 self adhesive aluminium tape.

### Physical Characteristics

|           | Width  | Length | Area              | Weight   |
|-----------|--------|--------|-------------------|----------|
| Roll Size | 1200mm | 300m   | 360m <sup>2</sup> | 125.28kg |
|           | 1200mm | 60m    | 72m <sup>2</sup>  | 25.06kg  |

Sisalation Facing Foil Heavy Duty (450) has an outer layer of aluminium foil laminated to high density kraft paper with a unique extrusion polyethylene which provides a superior bond. A second layer of kraft paper is bonded with a heavy coating of flame retardant adhesive and reinforced with continuous strands of fibreglass in two directions. Another outer layer of foil is laminated with extrusion for superior bond.

|   |  |
|---|--|
| Duty Classification:                        | Heavy Duty                                     |
| Vapour Barrier:                             | High   |
| Water Barrier:                              | High   |
| Emittance of Reflective Face:               | 0.03   |
| Flammability Index:                         | ≤ 5 when tested in conformance with AS 1530.2. |
| Nominal Weight:                             | 348gsm   |
| Tensile Strength Machine Direction (kN/m):  | Min 12.5                                       |
| Tensile Strength Lateral Direction (kN/m):  | Min 7.5  |
| Edge Tear Resistance Machine Direction (N): | Min 80   |
| Edge Tear Resistance Lateral Direction (N): | Min 80   |



### Health and safety

There are no known health or safety risks associated with this product for applications described in this datasheet.

### Specification Notes

Sisalation Facing Foil Heavy Duty (450) satisfies the BCA requirements for sarking type materials. It complies with the requirements of AS/NZS4200.1: 1994 for "Pliable Building Membranes" which is the deemed to satisfy standard recognised by the BCA Part 3.5 Roof and Wall Cladding. It has a low flammability index (not greater than 5) in accordance with AS1530.2: 1993 which satisfies the BCA Part 3.7.1 Fire Hazard Properties (Class 1 & 10 Buildings). It also satisfies BCA Specification C1.10 2(a) Fire Hazard Properties (Class 2 to 9 Buildings), as a sarking type material.

When specifying, state the following:

Application: Facing Foil

Product Name: Sisalation® Facing Foil Heavy Duty (450)