

SISALATION® TILED ROOF

Heavy Duty (466)

PRODUCT DESCRIPTION

An outer layer of aluminium foil bonded to high density kraft papers, bonded together with a heavy coating of flame retardant adhesive to a polymer based weave of high tensile and tear strength. The

blue face of the weave reduces any problems with reflected glare during installation.

PRODUCT APPLICATION

Sisalation® Tiled Roof Heavy Duty (466) is a Heavy Duty reflective foil laminate recommended for use in the sarking of tiled roofs. 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 also provides an effective barrier against moisture, vapours, wind, heat and dust penetration when overlapped and sealed with Sisalation® Vapastop® 883 self adhesive aluminium tape.

THERMAL PERFORMANCE

Sisalation® Tiled Roof Heavy Duty (466) complies with the requirements of AS/NZS4859.1. The contribution of this product to Total R-value depends on installation and environmental conditions

which include the effect of dust.
Emittance of reflective foil surface ≤ 0.03 and antiglare ≤ 0.1

SPECIFICATION

Sisalation® Tiled Roof Heavy Duty (466) satisfies the BCA requirements for sarking type materials. It complies with the requirements of AS/NZS4200.1 for "Pliable Building Membranes" which is deemed to satisfy manual 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 which satisfies the BCA Part 3.7.1 Fire Hazard Properties (Class 1 & 10 Buildings).

It also satisfies BCA Specification C1.10 Fire Hazard Properties (Class 2 to 9 Buildings).

When specifying, state the following:

Product Name: Sisalation® Tiled Roof Heavy Duty (466)
Duty: Heavy Duty
Application: Tiled Roof

PHYSICAL PROPERTIES

Classifications according to AS/NZS 4200.1

Duty Heavy
Vapour Barrier High
Emittance Reflective

Water Barrier High
Flammability Index Low (≤ 5)

CHEMICAL PROPERTIES

Do not allow contact with wet mortar or concrete: alkalis' attack aluminium foil.

INSTALLATION

Sisalation® Tiled Roof Heavy Duty (466) should be installed in accordance with AS/NZS4200.2 for the Installation Requirements for "Pliable Building Membranes". External cladding should be installed without delay. Sisalation in roofs should be installed

with a sag of 40mm between rafters. To achieve the stated Total R-values a minimum air space of 40mm is required adjacent to each reflective foil face. Sisalation® Tiled Roof Heavy Duty (466) should never be installed under a metal deck roof.

STANDARD ROLL SIZES

Roll Width 1500mm
Roll Length 30m
Roll Area 45m²

Other roll sizes available on application.

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

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

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