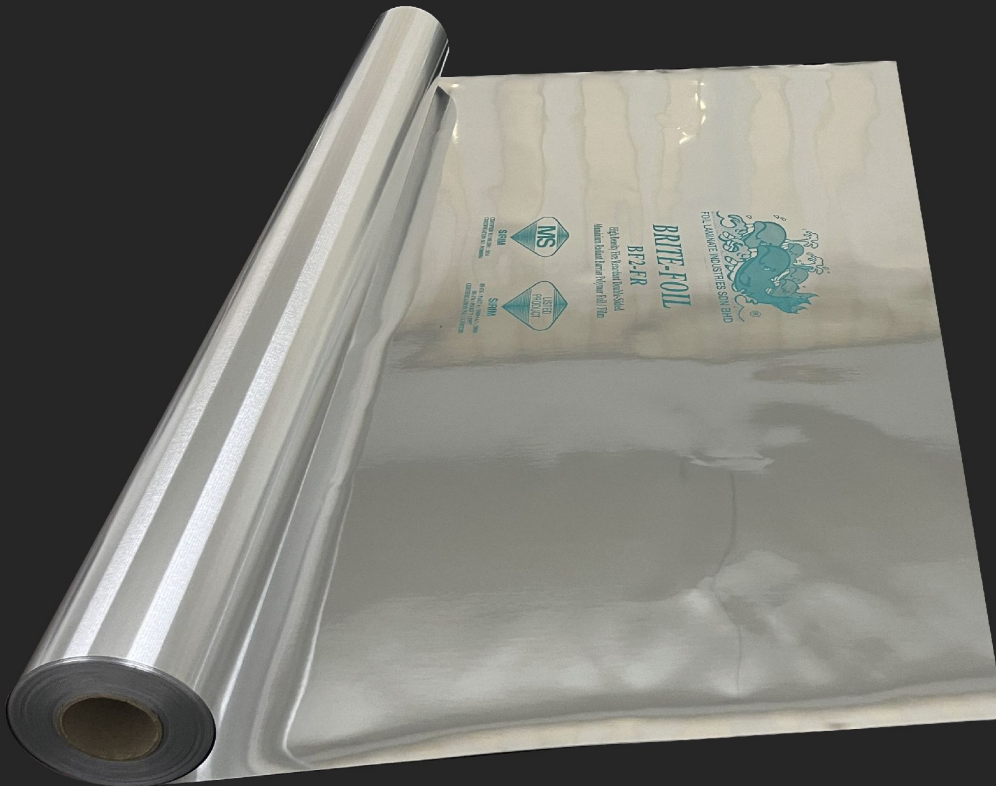




Reflective ~ Protective ~ Excellence
FOIL LAMINATE



BRITE-FOIL



* Actual product is not shown as this due to reflection on the surface of the foil



SOLVENT
RESISTANCE



VAPOR
BARRIER



PUNCTURE
RESISTANCE



TEAR
RESISTANCE



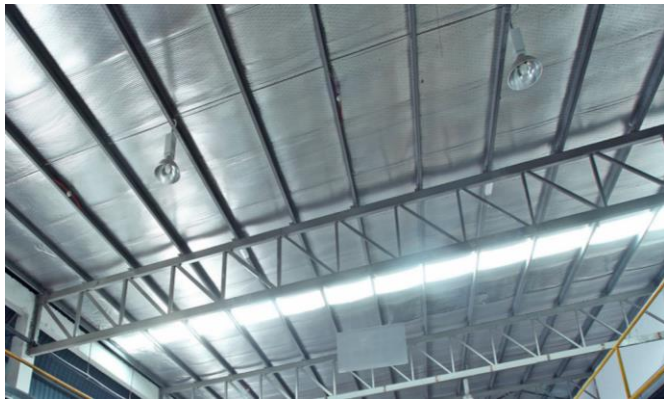
FIRE
RETARDANT

BF2-FR

Product Description

BF2-FR is a five (5) layer double-sided radiant barrier, lamination of pure aluminium foil and aluminium film with high density polyethylene (HDPE) as a base substrate material. BF2-FR is resistant to solvents along with acid and alkaline contaminants. The specially engineered polymer provides good thermal resistant and functions to be a radiant barrier foil for mild acidic / alkaline environments. BF2-FR is provides excellent water resistance. It is popular for its glossy finish.

BF2-FR



BRITE-FOIL, BF2-FR (MS 2095 : 2014)

Reflectivity / Emissivity	ASTM C1371	99% / 1%	
Tensile Strength (MD)	AS/NZ 1301.448s	≥ 6.0 kN/m	Extra Light
Tensile Strength (CD)	AS/NZ 1301.448s	≥ 6.0 kN/m	Medium
Edge Tear Resistance (MD)	TAPPI T470	≥ 90 N	Extra Heavy
Edge Tear Resistance (CD)	TAPPI T470	≥ 90 N	Extra Heavy
Vapor Barrier (WVTR)	ASTM E96	>7, < 450 MN.s/g	Medium
Resistance to Dry Delamination	AS/NZS 4201.1	No Delamination	Passed
Resistance to Wet Delamination	AS/NZS 4201.2	No Delamination	Passed
Shrinkage	AS/NZS 4201.3	< 0.5 %	Passed
Grammage	Electronic scale	120 - 160 GSM	
Thickness	Digital caliper	110 - 150 μm	

* Technical information provided represents average result of tests conducted under standard procedure and is subject to variation.

* No guarantee can be made regarding specific applications or patent rights.

Standard Size: 1.25m (Width) X 60m (Length)

FIRE PROPERTY

BF2-FR is classified as **CLASS 'O'** in accordance to fire tests on building material and structures.

- British Standard, BS 476-6: Fire Propagation for products
- British Standard, BS 476-7: Surface spread of flame test

AWARD

- Malaysian Standard, MS 2095 : 2014
- Jabatan Bomba Dan Penyelamat Malaysia
- SIRIM
- CIDB - Perakuan Pematuhan Standard (PPS)

THERMAL PROPERTY

BF2-FR is tested in accordance to **ISO 8301 / MS ISO 8302**.

- Thermal resistance, R-value: 1.111 m²K/W
- Thermal transmittance, U-value: 0.900 W/m²K
- Thermal conductivity, K-value: 0.090 W/mK

BQ SPECIFICATION

To supply & install **BRITE-FOIL BF2-FR** under **MS2095:2014** and **CIDB certified double-sided aluminium foil/film** as described.

GO GREEN

Environmental friendly green product recognized through

- Green building Index (GBI) by MGBC

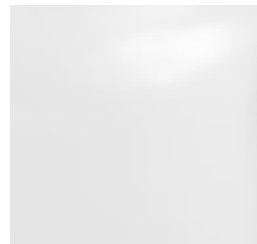
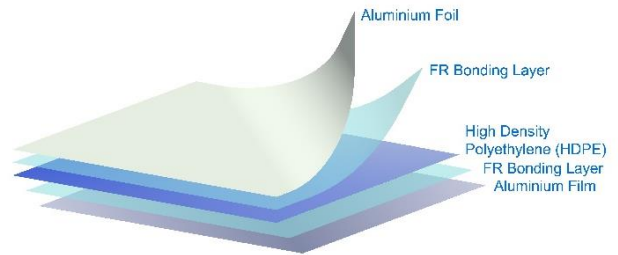
APPLICATION

- Designed for use where oxygen and vapor barrier functions are the primary requirement.
- It can also be used for roofing, wall and general thermal insulation.
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.
- Can be used under all types of roof coverings and combines the feature of insulation membrane.

INSTALLATION GUIDELINE

- Users are advised to install this product by an air space of at least 2" (50 mm) below the roof to maximize the effectiveness of this product.
- Recommended to use with bulk insulation in the form of felts, lamella mats and plain slab.

BF2-FR



FRONT



BACK

