**BF2-FR**

**DESCRIPTION**

High density fire retardant double-sided aluminium radiant barrier polymer foil / film

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.

**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 Penyelamatan Malaysia (SIRIM)
- CIDB Perakuan Pematulahan Standard (PPS)

**THERMAL PROPERTY**

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

- Thermal resistance, R-value: 0.939 m²K/W
- Thermal transmittance, U-value: 1.065 W/m²K
- Thermal conductivity, K-value: 0.106 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 and a waterproofing 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.