POLYMER FOIL

X2 CLASS ‘O’

DESCRIPTION
Fire retardant double-sided aluminium radiant barrier polymer foil/film reinforced with glass fibre tri-directional scrim

X2 CLASS ‘O’ is a four (4) layer double-sided radiant barrier, lamination of pure aluminium foil and aluminium film reinforced with glass fibre tri-directional scrim.

X2 CLASS ‘O’ an unique engineered polymer that provides good thermal resistant, tensile strength and properties of radiant barrier foil for common environment.

FIRE PROPERTY
X2 CLASS ‘O’ 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 Penyelamatat Malaysia
- SIRIM
- CIDB Perkuan Pematuhan Standard (PPS)

THERMAL PROPERTY
X2 CLASS ‘O’ is tested in accordance to ISO 8301 / MS ISO 8302.
- Thermal resistance, R-value: 1.057 m²K/W
- Thermal transmittance, U-value: 0.946 W/m²K
- Thermal conductivity, K-value: 0.095 W/mK

BQ SPECIFICATION
To supply and install POLYMER FOIL X2 CLASS ‘O’ under MS2095:2014 and CIDB certified double-sided aluminium foil/film as described.

APPLICATION
- Designed for use where common environment requirement.
- As a radiant barrier under all types of roof coverings in commercial, industrial and residential building.

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.