ACOUSTIC THERMAL FOIL

ATF2FR

DESCRIPTION
Fire retardant double-sided acoustic thermal XPE insulation aluminium foil

ATF2FR is a five (5) layer double-sided acoustic thermal reflective insulation, lamination of both side pure aluminium foil with fire retardant cross-linked polyethylene foam (XPE).

ATF2FR durable in use and endurable to heat, cold and chemical reaction. It is water and leak proof, anti-flaming, easy to be processed and installed. It typically offers superb thermal stability and it absorb sound, reduce noise, and provide cushioning function with the structure of closed-cell foam.

FIRE PROPERTY
ATF2FR 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
ATF2FR is tested in accordance to ISO 8301 / MS ISO 8302.

- Thermal resistance, R-value: 1.718 m²K/W
- Thermal transmittance, U-value: 0.582 W/m²K
- Thermal conductivity, K-value: 0.058 W/mK

BQ SPECIFICATION
To supply & install ACOUSTIC THERMAL FOIL ATF2FR under MS2095:2014 and CIDB certified double-sided aluminium foam foil as described.

Go GREEN
Environmental friendly green product recognized through
- Green building Index (GBI) by MGBK

APPLICATION
- Designed for thermal, sound insulation, suitable in the building and construction field where thermal insulation, moisture resistance, sound and vibration are critical.
- As a reflective insulation under all types of roof coverings in commercial, industrial and residential building.
- Also suitable for duct insulation, tubular pipe and raised floor.

INSTALLATION GUIDELINE
- Users are advised to install this product by an air space of at least 2” (5.0 cm) below the roof to maximize the effectiveness of this product.