ACOUSTIC THERMAL FOIL

ATF1FR

DESCRIPTION

Fire retardant single-sided acoustic thermal XPE insulation aluminium foil

ATF1FR is a three (3) layer single-sided acoustic thermal reflective insulation, lamination of one side pure aluminium foil with fire retardant cross-linked polyethylene foam (XPE).

ATF1FR durable in use and endurable to heat, cold and chemical reaction. It is water and leak proof, anti-flame, 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

ATF1FR is classified as CLASS ‘O’ in accordance to fire tests on building material and structures.

- British Standard, BS 476-6: Fire Propagation for product
- 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

ATF1FR is tested in accordance to ISO 8301 / MS ISO 8302.

- Thermal resistance, R-value: 0.820 m²K/W
- Thermal transmittance, U-value: 1.220 W/m²K
- Thermal conductivity, K-value: 0.122 W/mK

BQ SPECIFICATION

To supply & install ACOUSTIC THERMAL FOIL ATF1FR under MS2095:2014 and CIDB certified single-sided aluminium foam foil as described.

Go GREEN

Environmental friendly green product recognized through

- Green building index (GBI) by MGBC

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.

Standard Size: 1.20m (Width) X 30m (Length)