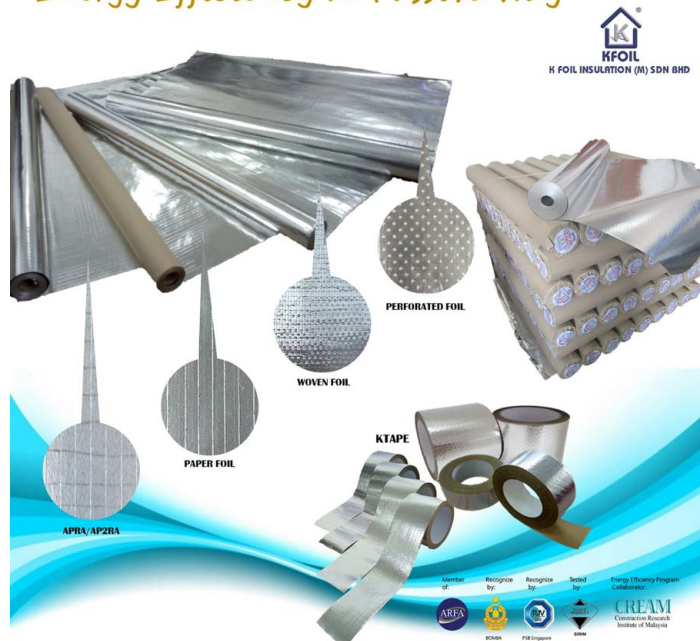


RADIANT BARRIER - ALUMINUM INSULATION FOIL

Energy Efficiency In Passive Way



APPLICABLE GBI CREDITS

NRNC	EE1, MR3
RNC	EE1, EE2, MR2, MR3
INC	EE1, MR2, MR3
NREB	EE1, MR2
IEB	EE1, MR2
INTERIORS	EE4, MR2, MR3

COMPANY DETAILS

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WHY IS IT GREEN?

- **Energy Efficiency.** Reduce radiant heat penetration into building for cooler indoor environment – less requirement for cooling appliances.
- **Effective Radiant Heat barrier.** Surface reflectivity of >97% (low emissivity) of aluminium foil effectively reflects radiant heat & minimising conduction & convection heat transfer
- **High Recycle content.** Use of recycle material 50 – 75% w/w of finished goods

PRODUCT FEATURES

- **99% Pure aluminium.** Use only pure aluminium for high reflectivity (low emissivity) properties giving superior radiant heat barrier / thermal insulation.
- **Non thermal conductor material.** Use only non-thermal conductor material (paper, woven fabric, plastic film, PE bubble) thus prevent self-heat generating inside the building.
- **High tensile & tear strength.** Reinforced structure for better performance & prevent damage especially during installation.
- **Light weight & flexible.** Easy to carry for installation on the high roof structure.
- **Fire Retardant grade.**
- **Non-toxic content.** Use of non-toxic material in the manufacturing process.
- **Moisture/vapour barrier properties**

PRODUCT CERTIFICATION & COMPLIANCE

BS 476 Part 7: 1997 (Surface Spread of Flame)

BS 476 Part 6: 1989+A1:2009 (Fire Propagation)

BOMBA (Bahan Binaan Kelas '0')

TUV SUD PSB Singapore

ASTM C 1371 (Emittance)

SIRIM Product Certification License (MS 2095: 2014 Radiant Barrier)

CIDB Perakuan Pematuhan Standard (Bahan Binaan)

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