

# KFOIL AP2RA K450

**FIRE RETARDANT DOUBLE SIDED 8 LAYERS  
REFLECTIVE ALUMINIUM PAPER FOIL,  
8x8 FIBERGLASS SCRIM REINFORCED**

- Double Sided **8 Layers** Aluminium Foil (99% Pure Aluminium) with high reflectivity (>0.97) and low emissivity (<0.03) surface.
- Reinforced with **bidirectional (8x8)** fiberglass scrim to increase the mechanical product strength and durability.
- Comply with Fire Retardant properties in accordance to **BS 476 Part 6 & 7 (CLASS "0")**

SARKING MEMBRANE | VAPOR BARRIER | HEAT INSULATION | ENERGY EFFICIENCY  
COST EFFECTIVE | LOW MAINTENANCE FEE | DURABLE | ECO FRIENDLY  
LIGHT IN WEIGHT | EASY INSTALLATION | TRANSPORTABILITY

REINFORCEMENT	Fiberglass Scrim (8x8)
GRAMMAGE	210 – 230 gsm
THICKNESS	250 – 360 micron
THERMAL RESISTANCE (ISO 8301, MS ISO8302)	R-Value: ~ 1.931 m <sup>2</sup> K/w U-Value: ~ 0.517 W/m <sup>2</sup> K
REFLECTIVITY (ASTM C 1371)	0.98
EMISSIVITY (ASTM C 1371)	0.02
RESISTANCE TO DRY LAMINATION (AS/NZS 4201.1)	No Delamination
RESISTANCE TO WET LAMINATION (AS/NZS 4201.1)	No Delamination
VAPOUR BARRIER (ASTM E96)	0.002 - 0.14 µg/N.s
SHRINKAGE (AS/NZS 4201.3)	MD: < 0.5% CD: < 0.5%
TENSILE STRENGTH (AS/NZS 1301.448s)	MD: > 5 kN/m CD: > 2 kN/m
EDGE TEAR RESISTANCE (TAPPI T470)	MD: > 30 N CD: > 20 N
FOLDING ENDURANCE (AS/NZS 1301.423rp)	MD: > 2.00 log <sub>10</sub> 100 CD: > 1.70 log <sub>10</sub> 50

Technical information provided in this data sheet are typical laboratory averages and are used subject to variation. While the information is believed to be reliable and correct. No guarantee or warranty (expressed or implied) can be made regarding specific applications or patent rights. Product specifications are subject to change without prior notice.

	UV light transmittance	Moisture penetration
Aluminium Foil, 7µ	0 %	0 g/m <sup>2</sup> .day
Metalized PET, 12µ	5 %	0.8 g/m <sup>2</sup> .day
PE Transparent, 20µ	95 %	3.7 g/m <sup>2</sup> .day
PE Opaque, 20µ	30 %	3.7 g/m <sup>2</sup> .day
PET Film, 13µ	91 %	31 g/m <sup>2</sup> .day
PVC Film, 250µ	-	3.0 g/m <sup>2</sup> .day
PP, 300µ	-	0.2 g/m <sup>2</sup> .day

(Data sourced from internet)

## AP2RA K450 LAYOUT



greenpages  
malaysia



## RECOMMENDED APPLICATION

- Metal roofing insulation
- Concrete / Clay tile roofing insulation
- Building wrapping
- Wall insulation
- Floor insulation
- Foil facing for bulk installation
- Industrial packaging
- Thermal tank
- Sauna room
- Etc

## SIZE AVAILABILITY

Width(m)	Length(m)	Optimal pallet packing
1.22 ± 1%	45 ± 2%	107 Rolls
1.22 ± 1%	60 ± 2%	90 Rolls

Customise size are available upon request within machine limits.



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