

KFOIL AP2RA T450

**FIRE RETARDANT DOUBLE SIDED REFLECTIVE
VAPOUR BARRIER ALUMINIUM PAPER FOIL,
8x6x6 FIBERGLASS SCRIM REINFORCED (8 layers)**

- Double Sided **8 Layers** Aluminium Foil (99% Pure Aluminium) with high reflectivity (>0.97) and low emissivity (<0.03) surface.
- Reinforced with **tri-directional (8x6x6)** fiberglass scrim to increase the mechanical product strength and durability. **3- way** reinforcement will reduce possibility of damage during & after installation.
- Comply with Fire Retardant properties in accordance to **BS 476 Part 6 & 7 (CLASS "0")**
- Special formula adhesive and Polyethylene (PE) layer lamination giving it SUPERIOR moisture & vapor barrier and improved the product flexibility. Impermeable to moisture and vapor even when is creased.

| | |
|---|---|
| REINFORCEMENT | Fiberglass Scrim (8x6x6) |
| GRAMMAGE | 210 – 230 gsm |
| THICKNESS | 250 – 360 micron |
| THERMAL RESISTANCE (ISO 8301, MS ISO8302) | R-Value: ~ 1.931 m ² K/w U-Value: ~ 0.518 W/m ² K K-Value: ~ 0.052 W/mK |
| 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) | 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 ₁₀ 100 CD: > 1.70 log ₁₀ 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 ² .day |
| Metalized PET, 12µ | 5 % | 0.8 g/m ² .day |
| PE Transparent, 20µ | 95 % | 3.7 g/m ² .day |
| PE Opaque, 20µ | 30 % | 3.7 g/m ² .day |
| PET Film, 13µ | 91 % | 31 g/m ² .day |
| PVC Film, 250µ | - | 3.0 g/m ² .day |
| PP, 300µ | - | 0.2 g/m ² .day |

(Data sourced from internet)

AP2RA T450 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) | Optimum 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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