

THERMASHEATH-3

RMAX Thermasheath-3 is an energy-efficient thermal insulation board composed of a closed-cell polyisocyanurate (PIR) foam core bonded to reinforced foil facers on each side. Thermasheath-3 utilises a CFC, HCFC and HFC-free blowing agent that has zero Ozone Depletion Potential (ODP) and negligible Global Warming Potential (GWP). This insulation is suitable for use in walls, ceilings and some roofing applications in new construction for commercial, residential, agricultural and industrial buildings in a thermal retrofit construction within existing buildings.

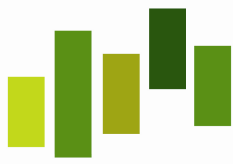
Applications:

Under soffit, car park, stud/masonry/cavity wall, re-siding, vaulted ceilings, attics, crawl spaces, some roofing applications.



Product Data:

| Properties | Standard | Unit | Result |
|---------------------------|------------------------------------|--------------------|----------------------|
| Density | ASTM D1622 : 1988 | Kg/m ³ | 32 |
| Thermal conductivity | ASTM C518-91 | W/m ² K | 0.022 |
| Compressive strength, min | ASTM D1621 -94 | kPa | 110 |
| Water absorption | ASTM C209 | % | <1% Vol |
| Water vapour transmission | ASTM E96 | | <0.3 perm |
| Dimensional stability | ASTM D2126 7 days, 70 °C 98% RH | N/A | <2% linear change |
| Temperature limits | | °C | -40 to 121 °C |
| Flame Spread | ASTM E84 | N/A | 75 or less |
| Smoke Developed | ASTM E83 | N/A | <450 |
| BCA Group Classification | AS / NZS 3837 – 1998 | N/A | 1 |



R-Value Table

| R-value | Nominal Thickness | Sheet Size (mm) | Sheet Weight (kg) |
|---------|-------------------|-----------------|-------------------|
| R1.15 | 2.54mm (1.0") | 2286 x 1219 | 2.27 |
| R1.73 | 38.1mm (1.5") | 2286 x 1219 | 3.40 |
| R2.30 | 50.8mm (2.0") | 2286 x 1219 | 3.24 |
| R3.46 | 76.2mm (3.0") | 2286 x 1219 | 6.80 |
| R4.62 | 101.6mm (4.0") | 2286 x 1219 | 9.07 |

*Note. Other thicknesses and sizes available upon request, pending minimum run requirements.