

DURASHEATH-3

RMAX Durasheath-3 is an energy-efficient thermal insulation board composed of a closed-cell polyisocyanurate (PIR) foam core bonded to inorganic polymer coated glass fiber mat facers on each side. Durasheath-3 utilises a CFC, HCFC and HFC-free blowing agent with **zero Ozone Depleting Potential (ODP) factor in composition and manufacturer in accordance with Green Star credit Emi-4 Thermal Insulants requirements**. 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.

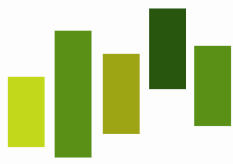
Applications:

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	0.024 – 0.021
Compressive strength, min	ASTM D1621 -94	kPa	137
Water absorption	ASTM C209	%	<1% Vol
Water vapour transmission	ASTM E96		<1.5 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	3



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Technical Data Sheet

R-Value Table

R-value	Nominal Thickness	Sheet Size (mm)	Sheet Weight (kg)
R1.05	25.4mm (1.0")	2286 x 1219	2.27
R1.72	40.6mm (1.6")	2286 x 1219	3.63
R3.00	66.0mm (2.6")	2286 x 1219	5.89

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