

Bradford™ PIR boards

High Thermal Performance PIR Insulation



Bradford™ PIR Boards are a high thermal performance insulation in a slimline, rigid board profile that can significantly reduce the bulk of construction and optimise internal building space. Bradford PIR Boards are faced between two layers of aluminium foil facings; providing a continuous thermal barrier, improving the overall thermal performance and reducing thermal bridging.

Bradford PIR Boards are primarily intended for use as wall and ceiling linings in commercial applications where a Group number rated product is required.



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Product Information

Fire Hazard Properties	NCC Group number when tested in accordance with AS ISO 9705 – Annex G.1, 3 x walls and ceiling installation	<ul style="list-style-type: none"> Group Number of 2 SMOGRARC $<100 \text{ m}^2/\text{s}^2 \times 1000$ for all thicknesses up to 60mm For installations requiring Group Number and SMOGRARC ratings, install as per installation guide with tape and 7 plastic insulation fasteners.
	When tested in accordance with AS/NZS 1530.3	<ul style="list-style-type: none"> Ignitability: 0 Spread of flame: 0 Heat Evolved: 0 Smoke Developed: 0-1
Maximum Service Temperature		<ul style="list-style-type: none"> 200°C
Volatile Organic Compound (VOC) and Formaldehyde Emissions	When tested in accordance with California Specification CA 01350	<ul style="list-style-type: none"> VOC $<0.01 \text{ mg}/\text{m}^3$ Formaldehyde $6 \text{ } \mu\text{g}/\text{m}^3$
Declared Thermal Conductivity	Calculated in accordance with AS/NZS 4859.2	<ul style="list-style-type: none"> 0.023 W/m.K at 23°C (25 – 39mm) 0.021 W/m.K at 23°C (40 – 60mm)
Emissivity	When tested in accordance with ASTM E 408	<ul style="list-style-type: none"> ≤ 0.05 (foil facing)

Specifications

R-VALUE (m ² K/W)	THICKNESS (mm)	NOMINAL LENGTH (m)	NOMINAL WIDTH (mm)	PIECES PER PACK	m ² PER PACK	PRODUCT CODE
R1.05	25	2.4	1200	12	34.56	467850
R1.30	30	2.4	1200	10	28.80	467851
R1.90	40	2.4	1200	7	20.16	467852
R2.35	50	2.4	1200	6	17.28	467853
R2.85	60	2.4	1200	5	14.40	467854

R-values apply to the unfaced board, calculated in accordance with AS/NZS 4859.2. Bradford PIR Boards are manufactured, tested and packaged in conformance with AS/NZS 4859.1.



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