



BLUECHIP

Insulation & Membranes

IBOARD

# Product Brochure

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# IBOARD

## PIR Insulation Board

### Description

IBOARD rigid insulation board is composed of a closed-cell thermoset polyisocyanurate foam core with two reflective foil facings. Tested in accordance with AS/NZ standards to comply with BCA/NCC requirements in concealed applications, IBOARD rigid insulation is manufactured using CFC/HCFC-free blowing agents that have zero Ozone Depletion Potential (ODP). Providing superior fire safety and higher R-values from less thickness, IBOARD rigid insulation gives sustained thermal performance over time and is widely used in brick cavity, frame-wall and concealed soffit applications.

### Product Benefits



#### SUPERIOR FIRE PERFORMANCE

IBOARD rigid insulation offers superior results than alternative products when tested to AS 1530.3, the relevant Australian fire standard for concealed wall and soffit applications.



#### HIGHER R-VALUE

IBOARD rigid insulation provides excellent thermal properties with one of the lowest thermal conductivity ratings of any insulation material on the market at 0.024 W/mK.



#### SUPERIOR AGEING PERFORMANCE

Due to its outstanding resistance to moisture and excellent compressive strength, IBOARD rigid insulation offers much better thermal ageing performance than other products.



#### ENVIRONMENTALLY FRIENDLY

IBOARD rigid insulation is manufactured in Europe under strict quality control using only CFC/HCFC free blowing agents which have Zero Ozone Depletion Potential (ODP).



#### 100% NON-CORROSIVE

Unlike some other insulation products, IBOARD core material is 100% non-corrosive and will not cause corrosion issues if it comes in contact with structural steel or fixings.



#### CLEAR CAVITY MAINTAINED

When IBOARD rigid insulation is used in wall cavity applications a clear cavity is still maintained making the cavity easily accessible for services such as electricity and water.



#### ZERO FORMALDEHYDE

IBOARD rigid insulation contains zero traces of formaldehyde and it is fibre-free making it non-irritant to the skin, non-allergenic and safer compared to other products.



#### MICRO CELL TECHNOLOGY

IBOARD core material has a much finer cell structure with extremely low water absorption compared to other products (<0.6%) so its R-value is retained long-term and it is rot and mould proof.

### INSTALL & TECHNICAL

For installation and technical information, scan the QR code and view 'Downloads' tab.



## Product Range



IBOARD  
PIR Insulation



IBOARD  
Cavity Retainer Clips



ITP\*\*50  
Reinforced Foil Tape

## Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IBS302312	R1.25	IBOARD 30mm PIR Insulation, 2270 x 1200mm	Stock	1 Board
IBS402312	R1.67	IBOARD 40mm PIR Insulation, 2270 x 1200mm	Stock	1 Board
IBS502312	R2.08	IBOARD 50mm PIR Insulation, 2270 x 1200mm	Stock	1 Board
IBS602312	R2.50	IBOARD 60mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD702312	R2.92	IBOARD 70mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD802312	R3.33	IBOARD 80mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD902312	R3.75	IBOARD 90mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD1002312	R4.17	IBOARD 100mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD1102312	R4.58	IBOARD 110mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board
IBD1202312	R5.00	IBOARD 120mm PIR Insulation, 2270 x 1200mm	1-2 Weeks	1 Board

## Accessories

CODE	DESCRIPTION	LEAD TIME	MOQ
ITP4850	TESA 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITP7250	TESA 72mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITP9650	TESA 96mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
IUC250	IBOARD Universal Cavity Retainer Clip, 250 Pack	Stock	1 Pack

## Technical Data

TEST ITEM	STANDARD	RESULT
Aged Thermal Conductivity	ASTM C518	0.024 W/mK
Foil-face Emittance	ASTM E408	0.05
Ignitability Index	AS 1530.3	0*
Spread of Flame Index	AS 1530.3	0*
Heat Evolved Index	AS 1530.3	0*
Smoke Developed Index	AS 1530.3	2*
Tensile Strength Perpendicular to Faces	EN 1607	80 kPa
Compressive Strength	EN 826	>110 kPa

\*Having a spread-of-flame index <9 and a smoke-developed index <5 when tested to AS 1530.3, IBOARD is compliant in concealed insulation applications such as double-brick cavity walls, frame wall applications and soffit applications if concealed by a suspended ceiling in accordance with NCC 2022, Specification S7C7.



We've Got It Covered



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