



BLUECHIP

Insulation & Membranes

IBOARD

Product Brochure

www.bluechipgroup.net.au



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.



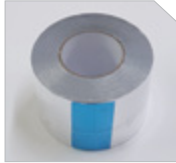
Product Range



IBOARD
PIR Insulation



IBOARD
Cavity Retainer Clips



INSULTAPE
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	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITP7250	INSULTAPE 72mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITP9650	INSULTAPE 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 S7C.7.



We've Got It Covered



V1024



Blue Chip Group Pty Ltd

SYDNEY | MELBOURNE | BRISBANE | PERTH | ADELAIDE

P 1300 945 123

E sales@bluechipgroup.net.au

www.bluechipgroup.net.au

DISCLAIMER No information or advice contained in this publication is binding in any way shape or form and is provided on a without prejudice basis. All photographs and colour swatches are indicative only. All dimensions are nominal and all product data and specifications are subject to change without notice. All pricing, sales, communications and transactions are subject to Blue Chip Group's terms of trading which are available on request.