



BLUECHIP

Insulation & Membranes

IMAX

# Product Brochure

[www.bluechipgroup.net.au](http://www.bluechipgroup.net.au)



# IMAX

## Phenolic Foam Insulation

### Description

IMAX is a rigid insulation board composed of a very low thermal-conductivity phenolic foam core with a low-E, gas-tight reflective foil facing on each side. Tested for fire compliance in accordance with AS 1530.3 and AS 5637.1 for concealed and exposed applications, IMAX phenolic foam insulation provides superior fire safety and higher R-values from less thickness, resulting in better building performance, thinner wall build-ups and increased floor area. IMAX phenolic foam insulation is widely used in cavity-walls and under-slab soffit applications where it delivers exceptional thermal performance.

### Product Features



#### GROUP 2 FIRE RATING

When tested as per AS 5637.1 and NCC 2022 requirements, IMAX phenolic foam insulation achieves a Group 2 fire rating for compliant use in exposed applications such as under-slab cap park soffits.



#### CONSTRUCTION EFFICIENCIES

With a light-weight density of <math>\lt; 50\text{kg/m}^3</math> and large 2400 x 1200mm boards, IMAX phenolic foam insulation provides outstanding efficiency during transporting, handling onsite and installation.



#### EXCELLENT FIRE SAFETY

Along with a Group 2 rating, IMAX phenolic foam insulation exceeds the minimum smoke requirements of NCC 2022, Specification S7C4 by over 250 times, demonstrating excellent fire safety.



#### ENVIRONMENTAL LEADER

Not only does IMAX reduce energy consumption in the building through-out its life, it also creates much greater insulating outcomes using less raw materials for environmental sustainability..



#### 100% FIBRE-FREE

Unlike some other insulation products, IMAX phenolic foam insulation is 100% fibre-free meaning more comfortable working conditions, cleaner air onsite and long-term health benefits.



#### CLEAR CAVITY & EXTRA R-VALUE

When IMAX is used in a wall cavity, a clear gap is maintained for services such as electricity and the low-emittance foil facer can also contribute additional R-value when facing towards the cavity.



#### THINNER IS SMARTER

Because phenolic foam is one of the lowest thermal conductivity insulation materials available, required R-values can be achieved with less thickness meaning thinner walls and more floor area.

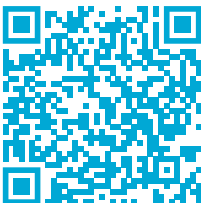


#### BEST VALUE PROPOSITION

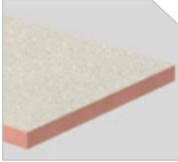
As with all BLUECHIP's product range, our manufacture-to-industry direct supply chain (with no middle man) means that IMAX phenolic foam insulation provides the best possible value proposition.

### INSTALL & TECHNICAL

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



## Product Range



IMAX  
Phenolic Insulation



IMAX  
Cavity Retainer Clips



ITP\*\*50  
Reinforced Foil Tape

## Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IMS252412	R1.09	IMAX 25mm Phenolic Insulation, 2400 x 1200mm	Stock	1 Board
IMS352412	R1.52	IMAX 35mm Phenolic Insulation, 2400 x 1200mm	Stock	1 Board
IMS452412	R2.05	IMAX 45mm Phenolic Insulation, 2400 x 1200mm	Stock	1 Board
IMS552412	R2.50	IMAX 55mm Phenolic Insulation, 2400 x 1200mm	Stock	1 Board
IMD602412	R2.73	IMAX 60mm Phenolic Insulation, 2400 x 1200mm	1-2 Week	1 Board
IMD702412	R3.18	IMAX 70mm Phenolic Insulation, 2400 x 1200mm	1-2 Week	1 Board
IMD802412	R3.64	IMAX 80mm Phenolic Insulation, 2400 x 1200mm	1-2 Weeks	1 Board
IMD902412	R4.09	IMAX 90mm Phenolic Insulation, 2400 x 1200mm	1-2 Weeks	1 Board
IMD1002412	R4.55	IMAX 100mm Phenolic Insulation, 2400 x 1200mm	1-2 Weeks	1 Board
IMD1102412	R5.00	IMAX 110mm Phenolic Insulation, 2400 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	IMAX Universal Cavity Retainer Clip, 250 Pack	Stock	1 Pack

## Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity <40mm Thick	ASTM C518	0.023 W/mK
Thermal Conductivity >40mm Thick	ASTM C518	0.022 W/mK
Group Fire Rating	AS 5637.1	2*
Average Specific Extinction	AS 5637.1	<250 m <sup>2</sup> /kg*
Spread of Flame Index	AS 1530.3	0**
Smoke Developed Index	AS 1530.3	3**

\*IMAX is compliant as an exposed wall or ceiling lining (including in buildings with or without a sprinkler system), in accordance with NCC 2022, Specification S7C4. \*\*IMAX is also compliant in concealed insulation applications such as cavity walls in accordance with NCC 2022, Specification S7C7 having a spread-of-flame index <9 and a smoke-developed index <5.



We've Got It Covered



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