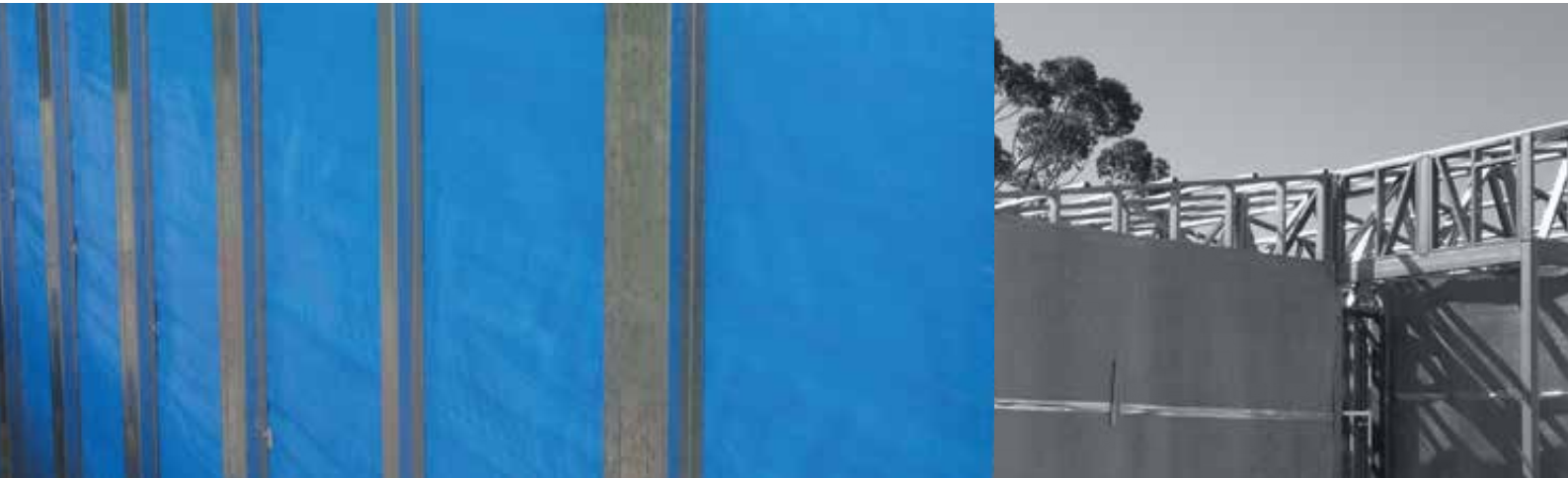




BLUECHIP

Insulation Products



# Product Catalogue



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



# INSULATION PRODUCTS



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# INSULATION PRODUCTS

1.

## INSULSARK

INSULSARK sarking is an extra heavy duty membrane which is designed for multi-purpose use as both roof sarking and wall wrap. Available in waterproof and breathable sarking variations, the reflective foil face on one side provides extra R-value when installed facing an air cavity. The other side is coated in an advanced anti-glare coating and INSULSARK sarking is classified as a barrier to radiant heat, moisture ingress, draughts and dust penetration when installed as per AS 4200.2.

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2.

## INSULBLUE

INSULBLUE foam insulation products are a heavy duty 3-in-1 insulation, thermal and radiant barrier comprising of an advanced high density closed cell XPE foam material sandwiched between two layers of poly woven foil. INSULBLUE foam insulation provides excellent thermal properties and reflectivity and is suitable for use in roof, cavity, wall wrap and floor systems for all construction types. It provides superior thermal ratings to standard sarking and helps to reduce thermal bridging between building elements such as exterior cladding and structure.

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3.

## iBOARD C8

iBOARD C8 cavity insulation (Formerly called Insulboard) is a rigid cavity insulation board 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, iBOARD C8 cavity insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness, iBOARD C8 cavity insulation gives sustained thermal performance over time and is the go to option for all masonry cavity applications.

READ MORE ON PAGE 8

2.



1.



4.

#### iBOARD S10

iBOARD S10 soffit insulation (Formerly called Insulboard) is a rigid soffit and under-slab insulation board 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 iBOARD S10 soffit insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness, iBOARD S10 soffit insulation allows increased clearance height within car parks while giving the required thermal performance making it the instinctive option for all concrete soffit and under-slab applications.

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5.

#### iBOARD F12

iBOARD F12 rigid insulation (Formerly called Insulboard) is framing insulation board 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, iBOARD F12 rigid insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness iBOARD F12 rigid insulation allows for reduced wall system depth while giving the required thermal performance making it the instinctive option for all wall lining and framing applications.

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3. 4.



5.



# INSULSARK

## Heavy Duty Sarking

### DESCRIPTION

INSULSARK sarking is an extra heavy duty membrane which is designed for multi-purpose use as both roof sarking and wall wrap. Available in waterproof and breathable sarking variations, the reflective foil face on one side provides extra R-value when installed facing an air cavity. The other side is coated in an advanced anti-glare coating and INSULSARK sarking is classified as a barrier to radiant heat, moisture ingress, draughts and dust penetration when installed as per AS 4200.2.

### PRODUCT BENEFITS



#### EASY TO USE

INSULSARK sarking is a high strength and ultra flexible product easily adaptable for wrap-around areas and varied surface types therefore quick and easy to install.



#### BCA COMPLIANT

INSULSARK sarking has been tested in accordance with relevant Australian standards giving confidence to builders and contractors for suitability in all applications.



#### ANTI-TEAR STRENGTH

With ultra heavy duty foil and multi-layer woven construction, INSULSARK sarking is able to withstand moderate wind and won't tear of the building when under pressure.



#### WATER RESISTANT

The heavy duty facing material structure of INSULSARK sarking means there is no moisture ingress or break-down ensuring superior long term performance.



#### HIGH DURABILITY

The poly woven reflective foil has an advanced coating with one side anti-glare meaning INSULSARK sarking offers excellent resistance to delamination over time.



#### PROTECTS THE BUILDING

During construction INSULSARK sarking will help protect the building frame from the external elements helping to prevent onset of any degradation or corrosion.



#### PROVEN IN WA

Used widely for all applications in Western Australia, INSULSARK sarking has proven on numerous projects statewide to withstand the harsh climate and elements.



#### FIRE RESISTANT

Suitable for use in bushfire prone areas, INSULSARK sarking has low indices when tested in accordance with AS1530.2 meaning it is suitable for use in all classes of buildings.



# PRODUCTS & SIZING

## Product Range

CODE	DESCRIPTION	AVAILABILITY	MOQ
ISS13560	INSULSARK Heavy Duty Sarking, 1.35 x 60m Roll	Stock	1 Roll
ISB13560	INSULSARK Heavy Duty Breather, 1.35 x 60m Roll	Stock	1 Roll
ISM1530	INSULSARK Vapour Permeable Membrane, 1.5 x 30m Roll	Stock	1 Roll
ITR4850	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITR9650	INSULTAPE 96mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

## Technical Data

TEST ITEM	STANDARD	RESULT
Flammability Index	AS 1530.2	Low <5
Strength / Duty	AS 4200.1	Heavy Duty
Emittance	AS 4201.5	0.03
Reflectivity	Actual	97%
Water Barrier	AS 4201.4	High
Dry Delamination	AS 4201.1	Pass
Wet Delamination	AS 4201.2	Pass
Corrosion Resistance	AS 4859.1	Pass



# INSULBLUE

## Foam Insulation

### DESCRIPTION

INSULBLUE foam insulation products are a heavy duty 3-in-1 insulation, thermal and radiant barrier comprising of an advanced high density closed cell XPE foam material sandwiched between two layers of poly woven foil. INSULBLUE foam insulation provides excellent thermal properties and reflectivity and is suitable for use in roof, cavity, wall wrap and floor systems for all construction types. It provides superior thermal ratings to standard sarking and helps to reduce thermal bridging between building elements such as exterior cladding and structure.

### PRODUCT BENEFITS



#### EASY TO USE

INSULBLUE foam insulation is a ultra flexible product which is easily adaptable for wrap-around areas and varied surface types making it quick and easy to install.



#### BCA COMPLIANT

INSULBLUE foam insulation has been tested in accordance with relevant Australian standards giving confidence to builders and contractors for suitability in all applications.



#### TEAR RESISTANCE

With heavy duty foil and high density XPE foam core, INSULBLUE foam insulation is able to withstand high wind and has high tear resistance in extreme conditions.



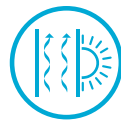
#### FIBRE-FREE MATERIAL

Made from cross-linked closed cell XPE foam, INSULBLUE foam insulation is non-irritant to skin and non-allergenic making it easy for contractors to work with.



#### RESISTANT TO DELAMINATION

The poly woven reflective foils used in the manufacture of INSULBLUE foam insulation offer outstanding resistance to delamination over time ensuring excellent long term performance.



#### CLEAR CAVITY MAINTAINED

When INSULBLUE foam insulation is used in wall cavity applications such as double brick construction a clear cavity is still maintained making it easily accessible for services.



#### PROVEN TO PERFORM IN WA

Used widely in roofing, wall wrap and cavity applications across Western Australia, INSULBLUE foam insulation has been proven to withstand the harsh climate statewide.



#### WATER RESISTANT

The heavy duty facings and closed-cell material structure of INSULBLUE foam insulation means there is no product degradation over time caused by any event of moisture ingress.





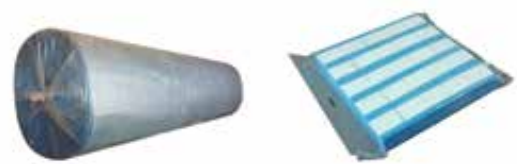
# PRODUCTS & SIZING

## Product Range

CODE	R-VALUE	DESCRIPTION	AVAILABILITY	MOQ
IFX413522	R0.10	INSULBLUE 4mm Foam Insulation, 1.35 x 22.25m	Stock	1 Roll
IFX613522	R0.17	INSULBLUE 6.5mm Foam Insulation, 1.35 x 22.25m	Stock	1 Roll
IFX813522	R0.20	INSULBLUE 8mm Foam Insulation, 1.35 x 22.25m	Stock	1 Roll
ICS6060	NA	INSULBLUE 60 x 60 x 20mm Cavity Spacers, 50 Pack	Stock	1 Pack
ITR4850	NA	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITR9650	NA	INSULTAPE 96mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

## Technical Data

TEST ITEM	STANDARD	RESULT
Flammability Index	AS 1530.2	Low <5
Strength / Duty	AS 4200.1	Heavy Duty
Emittance	AS 4201.5	0.03
Reflectivity	Actual	97%
Water Barrier	AS 4201.4	High
Dry Delamination	AS 4201.1	Pass
Wet Delamination	AS 4201.2	Pass
Corrosion Resistance	AS 4859.1	Pass



# iBOARD C8

## Cavity Insulation Board

### DESCRIPTION

iBOARD C8 cavity insulation (Formerly called Insulboard) is a rigid cavity insulation board 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, iBOARD C8 cavity insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness, iBOARD C8 cavity insulation gives sustained thermal performance over time and is the go to option for all masonry cavity applications.

### PRODUCT BENEFITS



#### EXCELLENT THERMAL PERFORMANCE

iBOARD C8 cavity insulation provides excellent thermal properties with one of the lowest thermal conductivity ratings of any insulation material on the market at 0.022 W/mK.



#### BCA COMPLIANT

iBOARD C8 cavity insulation is compliant with relevant Australian standards, giving confidence to builders and contractors for suitability in all cavity applications.



#### FIRE TESTING

iBOARD C8 cavity insulation meets or exceeds all mandatory standards of the NCC/BCA and is therefore suitable for all applications including cavities, concrete wall framing and soffits.



#### FIBRE-FREE MATERIAL

Composed of a uniform closed-cell polyisocyanurate foam core with two foil facings, iBOARD C8 cavity insulation is non-irritant to the skin and non-allergenic.



#### ENVIRONMENTALLY FRIENDLY

iBOARD C8 cavity insulation is manufactured with a CFC/HCFC free blowing agent with Zero Ozone Depletion Potential (ODP) for a greener world.



#### CLEAR CAVITY MAINTAINED

When iBOARD C8 cavity insulation is used in wall cavity application a clear cavity is still maintained making the cavity easily accessible for services such as electricity and water.



#### PROVEN PERFORMANCE

Used widely for all cavity applications on projects throughout Western Australia, iBOARD C8 cavity insulation can be specified and used with absolute confidence.



#### MORE COST EFFECTIVE

Due to superior manufacturing technology and large volume production, iBOARD C8 cavity insulation is a more cost effective high R-value insulation than other alternatives.



## PRODUCTS & SIZING

### Cavity Insulation Board

CODE	R-VALUE	DESCRIPTION	AVAILABILITY	MOQ
IBF272312	R1.23	iBOARD 27mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF372312	R1.68	iBOARD 37mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF472312	R2.14	iBOARD 47mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF572312	R2.59	iBOARD 57mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IUC250	NA	iBOARD Universal Retainer Clips, 250 Pack	Stock	1 Pack
ITR4850	NA	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity	W/mK	0.022
Emittance	Actual	Low
Ignitability	AS 1530.3	0
Flame Spread	AS 1530.3	0
Heat Release	AS 1530.3	0
Smoke Development	AS 1530.3	2
Fire Performance Evaluation	CertMark	Group 1
Tensile Strength Perpendicular to Faces	EN 1607	80 kPa
Compressive Strength	EN 826	>110 kPa
Compressive Strength at 10% Deformation	EN 826	>150 kPa



# iBOARD S10

## Soffit Insulation Board

### DESCRIPTION

iBOARD S10 soffit insulation (Formerly called Insulboard) is a rigid soffit and under-slab insulation board 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 iBOARD S10 soffit insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness, iBOARD S10 soffit insulation allows increased clearance height within car parks while giving the required thermal performance making it the instinctive option for all concrete soffit and under-slab applications.

### PRODUCT BENEFITS



#### SUPERIOR FINISH

iBOARD S10 soffit insulation has a smooth silver reflective surface providing high resistance against delamination over time and ensuring an attractive looking under-slab finish.



#### BCA COMPLIANT

iBOARD S10 soffit insulation is compliant with relevant Australian standards, giving confidence to builders and contractors for all soffit and under-slab applications.



#### FIRE TESTING

iBOARD S10 soffit insulation meets or exceeds all mandatory standards of the NCC/BCA and is therefore suitable for all applications including cavities, concrete wall framing and soffits.



#### FIBRE-FREE MATERIAL

Composed of a uniform closed-cell polyisocyanurate foam core with two foil facings, iBOARD S10 soffit insulation is non-irritant to the skin and non-allergenic.



#### ENVIRONMENTALLY FRIENDLY

iBOARD S10 soffit insulation is manufactured with a CFC/HCFC free blowing agent with Zero Ozone Depletion Potential (ODP) for a greener world.



#### GROUP 1 FIRE PERFORMANCE

iBOARD S10 soffit insulation achieves Group 1 through fire engineer evaluation and is therefore suitable for use for use in carpark soffits and exposed applications.



#### PROVEN PERFORMANCE

Used widely for soffit and under-slab applications on projects throughout Western Australia, iBOARD S10 soffit insulation can be specified with confidence.



#### MORE COST EFFECTIVE

Due to superior manufacturing technology and large volume production, iBOARD S10 soffit insulation is a more cost effective high R-value insulation than other alternatives.



## PRODUCTS & SIZING

### Soffit Insulation Board

CODE	R-VALUE	DESCRIPTION	AVAILABILITY	MOQ
IBF272312	R1.23	iBOARD 27mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF372312	R1.68	iBOARD 37mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF472312	R2.14	iBOARD 47mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF572312	R2.59	iBOARD 57mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF672312	R3.05	iBOARD 67mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF772312	R3.50	iBOARD 77mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF872312	R3.95	iBOARD 87mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF972312	R4.41	iBOARD 97mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
ITR9650	NA	INSULTAPE 96mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity	W/mK	0.022
Emittance	Actual	Low
Ignitability	AS 1530.3	0
Flame Spread	AS 1530.3	0
Heat Release	AS 1530.3	0
Smoke Development	AS 1530.3	2
Fire Performance Evaluation	CertMark	Group 1
Tensile Strength Perpendicular to Faces	EN 1607	80 kPa
Compressive Strength	EN 826	>110 kPa
Compressive Strength at 10% Deformation	EN 826	>150 kPa



# iBOARD F12

## Framing Insulation Board

### DESCRIPTION

iBOARD F12 rigid insulation (Formerly called Insulboard) is framing insulation board 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, iBOARD F12 rigid insulation is manufactured using blowing agents that are CFC/HCFC-free and have zero Ozone Depletion Potential (ODP). Providing higher R-values from less thickness iBOARD F12 rigid insulation allows for reduced wall system depth while giving the required thermal performance making it the instinctive option for all wall lining and framing applications.

### PRODUCT BENEFITS



#### EXCELLENT THERMAL PERFORMANCE

iBOARD F12 rigid insulation provides excellent thermal properties with one of the lowest thermal conductivity ratings of any insulation material on the market at 0.022 W/mK.



#### BCA COMPLIANT

iBOARD F12 rigid insulation is compliant with relevant Australian standards, giving confidence to builders and contractors for suitability in all framing applications.



#### FIRE TESTING

iBOARD F12 rigid insulation meets or exceeds all mandatory standards of the NCC/BCA and is therefore suitable for all applications including cavities, concrete wall framing and soffits.



#### FIBRE-FREE MATERIAL

Composed of a uniform closed-cell polyisocyanurate foam core with two foil facings, iBOARD F12 rigid insulation is non-irritant to the skin and non-allergenic.



#### ENVIRONMENTALLY FRIENDLY

iBOARD F12 rigid insulation is manufactured with a CFC/HCFC free blowing agent with Zero Ozone Depletion Potential (ODP) for a greener future.



#### VERSATILE APPLICATIONS

Easy and effective when installed between studs and lining for timber and steel frame wall constructions iBOARD F12 rigid insulation is ideal where cavity depth is restricted.



#### PROVEN PERFORMANCE

Used widely for all framing on projects throughout Western Australia, iBOARD F12 rigid insulation can be specified and used with complete confidence.



#### MORE COST EFFECTIVE

Due to superior manufacturing technology and large volume production, iBOARD F12 rigid insulation is a more cost effective high R-value insulation than other alternatives.



## PRODUCTS & SIZING

### Framing Insulation Board

CODE	R-VALUE	DESCRIPTION	AVAILABILITY	MOQ
IBF272312	R1.23	iBOARD 27mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF372312	R1.68	iBOARD 37mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF472312	R2.14	iBOARD 47mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBF572312	R2.59	iBOARD 57mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
ITR4850	NA	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity	W/mK	0.022
Emittance	Actual	Low
Ignitability	AS 1530.3	0
Flame Spread	AS 1530.3	0
Heat Release	AS 1530.3	0
Smoke Development	AS 1530.3	2
Fire Performance Evaluation	CertMark	Group 1
Tensile Strength Perpendicular to Faces	EN 1607	80 kPa
Compressive Strength	EN 826	>110 kPa
Compressive Strength at 10% Deformation	EN 826	>150 kPa

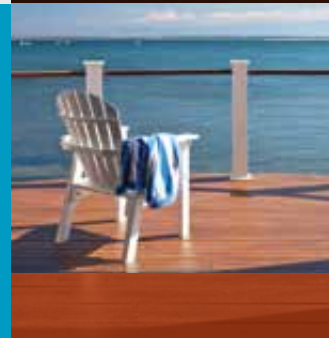




# BLUECHIPGROUP

## Architectural Cladding Systems

### Product Range



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