



BLUECHIP

Insulation Products



# Insulation Products



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



## FROM THE STRUCTURE OUT, WE'VE GOT IT COVERED

BLUECHIP specialises in the manufacture and supply of exterior architectural products from the structure out. Our range includes; all types of cladding, decking materials, engineered fixing systems and insulation products. BLUECHIP has now supplied more than 3,000,000m<sup>2</sup> of materials to Australian projects since 2003.

## INSULATION PRODUCTS



# 2

**IBOARD**  
Rigid Insulation Board



# 4

**IBOARD G1**  
Group 1 Soffit Insulation Board



# 6

**IBOARD P17**  
Insulated Plasterboard Lining



# 8

**IROCK**  
Rockwool Insulation Board



# 10

**INSULBLUE**  
Foam Insulation



# 12

**FIRESPAN**  
Non-combustible Sarking



# 14

**SINIAT WD**  
Weather Defence Rigid Air Barrier




# IBOARD

## Rigid 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 0.022 W/mK.




**SUPERIOR AGEING PERFORMANCE**  
Due to it's 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).



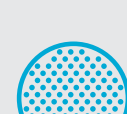
**100% NON-CORROSIVE**  
Unlike some other insulation products, IBOARD core material is 100% non-corrosive and will not cause corrosion issues if it comes in contact with structural steel or fixings.



**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 it's R-value is retained long-term and it is rot and mould proof.

### Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IBS302312	R1.36	IBOARD 30mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS402312	R1.82	IBOARD 40mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS502312	R2.27	IBOARD 50mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS602312	R2.73	IBOARD 60mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS702312	R3.18	IBOARD 70mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS802312	R3.64	IBOARD 80mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS902312	R4.09	IBOARD 90mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board
IBS1002312	R4.55	IBOARD 100mm Rigid Insulation, 2270 x 1200mm	Stock	1 Board

### Accessories

CODE	DESCRIPTION	LEAD TIME	MOQ
ITP4850	INSULTAPE 48mm 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
Thermal Conductivity	W/mK	0.022
Emittance	Actual	0.05
Spread of Flame 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

### INSTALL & TECHNICAL

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






# IBOARD G1

## Group 1 Insulated Soffit Lining


### Description

IBOARD G1 insulated soffit lining comprises of a Group 1 rated 6mm fibre cement facer bonded to a concealed rigid insulation board composed of a closed-cell thermoset polyisocyanurate foam. Tested in accordance with relevant AS/NZ standards, IBOARD G1 is compliant for use in all soffit applications in accordance with NCC 2019. Providing higher R-values from less thickness, IBOARD G1 allows increased clearance height within carparks while still meeting thermal requirements making it the safest and most practical option for all concrete soffit and under-slab applications.


### Product Benefits




**GROUP 1 FIRE RATING\***  
IBOARD G1 soffit insulation has a non-combustible fibre cement facer which achieves a Group 1 fire rating in accordance with AS 5637 for superior safety and compliance in all under slab soffit applications.




**ZERO FORMALDEHYDE**  
IBOARD G1 soffit 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.




**UNLIMITED COLOURS**  
IBOARD G1 soffit insulation has an attractive light grey fibre cement finish which can be left untreated, painted insitu, or supplied prefinished in unlimited custom colours to your selection.




**AUSTRALIAN FIRE TESTING**  
IBOARD G1 soffit insulation has NATA accredited testing to relevant Australian fire standards and it's Group 1 fire rating means it is compliant with NCC 2019 for all lining applications.



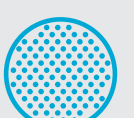
**SUPERIOR AGEING PERFORMANCE**  
Due to it's outstanding resistance to moisture and excellent compressive strength, IBOARD G1 soffit insulation offers much better thermal ageing performance than other products.



**ENVIRONMENTALLY FRIENDLY**  
IBOARD G1 soffit 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 G1 core material is 100% non-corrosive and will not cause corrosion issues if it comes in contact with structural steel or fixings.



**MICRO CELL TECHNOLOGY**  
IBOARD G1 has a much finer cell structure with extremely low water absorption compared to other products (<0.6%) so it's R-value is retained long-term and it is rot and mould proof.

\*Group 1 fire rating applies to the exposed fibre cement facing in accordance with AS 5637 and NCC 2019 requirements.

### Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IBG362412	R1.38	IBOARD 36mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG462412	R1.84	IBOARD 46mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG562412	R2.29	IBOARD 56mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG662412	R2.75	IBOARD 66mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG762412	R3.20	IBOARD 76mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG862412	R3.66	IBOARD 86mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG962412	R4.11	IBOARD 96mm G1 Insulation, 2400 x 1200mm	Stock	1 Board
IBG1062412	R4.57	IBOARD 106mm G1 Insulation, 2400 x 1200mm	Stock	1 Board

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity (Insulation)	W/mK	0.022*
Thermal Conductivity (Fibre Cement)	W/mK	0.23*
Group Rating	AS 5637	Group 1**
Average Specific Extinction Area	m2/kg	<250**
Smoke Growth Rate (SMOGRA)	m2/sx1000	<100**
Spread of Flame 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
Compressive Strength at 10% Deformation	EN 826	>150 kPa

\*Material R-values are calculated based on the insulation thickness at 0.022 W/mK in addition to the 6mm fibre cement at 0.23W/mK. \*\*The AS 5637 testing and Group 1 rating applies to the exposed fibre cement facer, being the wall or ceiling lining, in accordance with NCC 2019 requirements. \*\*\*The AS 1530.3 testing applies to the PIR insulation board, being a concealed insulation material, in accordance with NCC 2019 requirements.

### INSTALL & TECHNICAL

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






# IBOARD P17

## Insulated Plasterboard Lining


### Description

IBOARD P17 insulated plasterboard is an internal lining product composed of a closed-cell thermoset polyisocyanurate foam core bonded to a 10mm deemed-to-satisfy non-combustible gypsum based plasterboard. Tested in accordance with relevant AS/NZ standards, IBOARD P17 insulated plasterboard provides the highest level group 1 fire rating in accordance with AS 5637\*. Unlike alternative products, IBOARD P17 insulated plasterboard offers excellent ageing performance due to its very high moisture resistance and it is 100% formaldehyde free for superior air quality and occupant wellbeing.


### Product Benefits




**ZERO FORMALDEHYDE**  
IBOARD P17 insulated plasterboard 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.




**HIGHER R-VALUE**  
IBOARD P17 insulated plasterboard provides excellent thermal properties with one of the lowest thermal conductivity ratings of any insulation material on the market at 0.022 W/mK.




**GROUP 1 FIRE RATING\***  
IBOARD P17 insulated plasterboard has a non-combustible plasterboard facer which achieves a Group 1 fire rating in accordance with AS 5637 for superior safety and compliance in all internal lining applications.




**ENVIRONMENTALLY FRIENDLY**  
IBOARD P17 rigid insulation is manufactured in Europe under strict quality control using only CFC/HCFC free blowing agents which have Zero Ozone Depletion Potential (ODP).



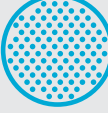
**SUPERIOR AGEING PERFORMANCE**  
Due to its outstanding resistance to moisture and excellent compressive strength, IBOARD P17 rigid insulation offers much better thermal ageing performance than other products.



**TIME & SPACE SAVER**  
Due to being a 2-in-1 product, IBOARD P17 insulated plasterboard is fast and efficient to install and offers cost and space savings due to its high R-value to thickness ratio.



**100% NON-CORROSIVE**  
Unlike some other insulation products, IBOARD P17 insulated plasterboard core material is 100% non-corrosive and will not cause corrosion issues if it comes in contact with structural steel or fixings.



**MICRO CELL TECHNOLOGY**  
IBOARD P17 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.

### Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IBP402412	R1.42	IBOARD 40mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP502412	R1.88	IBOARD 50mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP602412	R2.33	IBOARD 60mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP702412	R2.79	IBOARD 70mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP802412	R3.24	IBOARD 80mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP902412	R3.70	IBOARD 90mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP1002412	R4.15	IBOARD 100mm P17 Insulation, 2400 x 1200mm	Stock	1 Board
IBP1102412	R4.61	IBOARD 110mm P17 Insulation, 2400 x 1200mm	Stock	1 Board

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity (Insulation)	W/mK	0.022*
Thermal Conductivity (Plasterboard)	W/mK	0.17*
Group Rating	AS 5637	Group 1**
Average Specific Extinction Area	m2/kg	<250**
Smoke Growth Rate (SMOGRA)	m2/s2x1000	<100**
Spread of Flame 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
Compressive Strength at 10% Deformation	EN 826	>150 kPa

\*Material R-values are calculated based on the insulation thickness at 0.022 W/mK in addition to the 10mm plasterboard at 0.17W/mK. \*\*The AS 5637 testing and Group 1 rating applies to the exposed plasterboard facer, being the wall or ceiling lining in accordance with NCC 2019 requirements. \*\*\*The AS 1530.3 testing applies to the PIR insulation board, being a concealed insulation material, in accordance with NCC 2019 requirements.

\*Group 1 fire rating applies to the exposed plasterboard facing in accordance with AS 5637 and NCC 2019 requirements.

### INSTALL & TECHNICAL

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






# IROCK

## Rockwool Insulation Board


### Description

IROCK rockwool insulation board is a non-combustible insulation material widely used in external wall and facade applications which require high levels of fire safety and thermal performance. IROCK is manufactured by spinning a molten mixture of natural rock and other additives to create fine wool-like fibres which are bonded together using a thermoset resin to form a rigid insulation board. Compliant with NCC 2019 for use in external wall applications, IROCK offers excellent resistance to water absorbtion and is FSB-1 biosoluble for safe, comfortable installation and long-term performance.


### Product Benefits




**NON-COMBUSTIBLE**  
IROCK is deemed non-combustible when tested to AS 1530.1 meaning it is compliant for use in external walls and cladding systems which are required to be non-combustible in buildings of types A & B construction.




**COST EFFECTIVE**  
With a nominal thermal conductivity of 0.036 W/mK and a very economical price-point, IROCK offers excellent thermal efficiency for minimal upfront cost along with life-cycle energy savings for the building.




**MOISTURE RESISTANT**  
Although it is not suitable for permanent immersion or exposure to drenching, IROCK insulation board's thermal performance will not be adversely effected by condensation or contact with liquid water.




**ENVIRONMENTALLY FRIENDLY**  
Largely manufactured from recycled materials and natural rock, IROCK is environmentally friendly as an initial product. It also offers numerous environmental benefits in application as thermal insulation.




**FSB-1 BIOSOLUBLE**  
Unlike some other insulation products, IROCK mineral-based fibres have an FSB-1 biosolubility rating and are classified non-hazardous in accordance with ASCC guidelines for safe, comfortable use.



**NCC 2019 COMPLIANT**  
NCC 2019 Clause C1.9 specifically requires all components of external walls including cladding, insulation and framing to be non-combustible and IROCK is one of only a few materials that meet this criteria.



**LIGHT-WEIGHT & DURABLE**  
IROCK rockwool insulation boards are both light-weight and highly durable for easy hassle-free handling onsite and they can be easily cut and formed to suit almost any application.



**ACOUSTIC BENEFIT**  
IROCK is primarily intended as a thermal insulation material for section J compliance however as an added benefit, it also offers excellent acoustic properties helping to make buildings even more livable.

### Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	MOQ
IR401206	R1.14	IROCK 40mm Rockwool Board, 1200 x 600mm	Stock	1 Board
IR601206	R1.71	IROCK 60mm Rockwool Board, 1200 x 600mm	Stock	1 Board
IR801206	R2.29	IROCK 80mm Rockwool Board, 1200 x 600mm	3-5 Days	1 Board
IR1001206	R2.86	IROCK 100mm Rockwool Board, 1200 x 600mm	3-5 Days	1 Board

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity	EN 12667	0.035 W/mK
Non-combustible (DtS)	AS 1530.1	Pass
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	1
Material Density	Kg/m3	100
Compressive Strength	ASTM C165-07	10 KN/m2
Maximum Service Temperature	Degrees	<750
Melting Temperature	Degrees	>1000
Rockwool Content	Actual	>95%
Resin Content	Actual	<5%
Water Absorbtion	EN 1609	<1%
Fungal Resistance	ASTM C655	Pass
Fibre Bio-solubility	ASCC	FSB-1

### INSTALL & TECHNICAL

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






# 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.

### Availability

CODE	R-VALUE	DESCRIPTION	LEAD TIME	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

### Accessories

CODE	DESCRIPTION	LEAD TIME	MOQ
ICS6060	INSULBLUE 60 x 60 x 20mm Cavity Spacers, 50 Pack	Stock	1 Pack
ITP4850	INSULTAPE 48mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll
ITP9650	INSULTAPE 96mm Reinforced Foil Tape, 50m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Thermal Conductivity	W/mK	0.04
Flammability Index	AS 1530.2	<5
Spread of Flame Index	AS 1530.3	0
Smoke Developed Index	AS 1530.3	1
Strength / Duty	AS 4200.1	Heavy Duty
Emittance	AS 4201.5	0.03
Reflectivity	Actual	97%
Dry Delamination	AS 4201.1	Pass
Wet Delamination	AS 4201.2	Pass
Corrosion Resistance	AS 4859.1	Pass

### INSTALL & TECHNICAL

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






# FIRESPAN

## Non-combustible Sarking


### Description

FIRESPAN non-combustible wall wrap and sarking is a heavy duty membrane which is BCA compliant and Deemed-to-Satisfy non-combustible for use in exterior cladding systems on all types of construction. Tested in accordance with AS 1530.1 and AS 1530.3 fire standards, FIRESPAN is available in waterproof and perforated variations. The reflective foil face on one side provides extra R-value when installed facing an air cavity and FIRESPAN is classified as a barrier to radiant heat, moisture ingress, draughts and dust penetration when installed as per AS 4200.2.


### Product Features




**AS 1530.1 NON-COMBUSTIBLE**  
FIRESPAN sarking is Deemed-to-Satisfy non-combustible in accordance with NCC 2019 Clause C1.9(e)(vi) and (vii) meaning it can be used on any building of types A, B and C construction.




**HIGH DURABILITY**  
FIRESPAN has an advanced strength non-combustible fibre-glass and pure aluminium foil structure meaning it offers excellent durability and resistance to delamination over time.




**CSIRO FIRE TESTING**  
FIRESPAN has been appropriately tested to relevant Australian standards including AS 1530.1 and AS 1530.3 by NATA accredited CSIRO and is Deemed-to-Satisfy non-combustible.




**NCC 2019 COMPLIANT**  
FIRESPAN sarking has been tested in accordance with relevant Australian fire standards including AS 1530.1, AS 1530.2 and AS 1530.3 giving confidence to builders and contractors for suitability on all projects.




**EASY TO USE**  
FIRESPAN 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.



**WATER RESISTANT**  
The heavy duty facing material structure of FIRESPAN sarking and wall wrap means there is no moisture ingress or break-down ensuring superior long term performance.



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



**PROTECTS THE BUILDING**  
During construction FIRESPAN sarking will help protect the building frame from the external elements helping to prevent onset of any degradation or corrosion.

### Availability

CODE	DESCRIPTION	LEAD TIME	MOQ
FSS12540	FIRESPAN Waterproof Membrane, 1.25 x 40m Roll	Stock	1 Roll
FSB12540	FIRESPAN Perforated Membrane, 1.25 x 40m Roll	Stock	1 Roll

### Accessories

CODE	DESCRIPTION	LEAD TIME	MOQ
ITH6030	INSULTAPE 60mm High Tack Sarking Tape, 30m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Non-combustible (DtS)	AS 1530.1	Pass*
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	1*
Flammability Index	AS 1530.2	1**
Strength / Duty	AS 4200.1	Heavy Duty
Emittance	AS 4201.5	0.05
Reflectivity	Actual	95%

\*Deemed-to-Satisfy non-combustible in accordance with AS 1530.1 and AS 1530.3 testing as per the requirements of NCC 2019 clause C1.9(e)(vii). \*\*Also Deemed-to-Satisfy non-combustible as per NCC 2019 clause C1.9(e)(vi), with thickness <1mm and Flammability-Index <5.

### INSTALL & TECHNICAL

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






# SINIAT WD

## Weather Defence Rigid Air Barrier


### Description

SINIAT WD is a weather resistant, highly breathable rigid air barrier (RAB) that is also non-combustible, vapour permeable and doubles as a fire-resistant board to provide a fire barrier between the façade and the interior. Providing better weather resistance than pliable alternatives it also equalises air pressure within the outer wall cavity to prevent water ingress. It requires no additional sarking due to its patented hydrophobic core and integrated liner and it can be exposed to weather for up to 12 months prior to being over-clad, offering early access for internal trades.


### Product Features




**FOUR-IN-ONE SOLUTION**  
SINIAT WD is fire resistant, non-combustible, vapour permeable and weathertight all in one product. Eliminating the need for a breathable membrane saving time and reducing installation cost.




**FRL TESTING**  
SINIAT WD solutions offer fire resistant wall systems up to 60/60/60 which satisfy Deemed-to-Satisfy compliance for vertical & spandrel fire separation between floors and openings.




**AIR & WEATHER TIGHT**  
Along with the proprietary joint sealing system, SINIAT WD is extremely airtight with leakage of 0.002m3/m2/hr for compliance with the NCC 2019 air leakage requirements for class 2-9 buildings.




**PATENTED TECHNOLOGY**  
SINIAT WD is weathertight with no need for additional sarking thanks to a patented hydrophobic core and glass matt liner technology. Proprietary joint jape must be used on all joints, corners and openings.




**BREATHABLE BARRIER**  
SINIAT WD is highly breathable at 0.49 MNs/g or 2.04 µg/N.s allowing water vapour to escape the cavity and helping to control moisture build up, unlike other non-permeable back pan methods.



**MANUFACTURER'S WARRANTY**  
SINIAT WD is manufactured by Etex Group, one of the largest suppliers of construction materials globally and it comes with a 12 year warranty when installed by a certified installer



**UP TO 1YR EXPOSED**  
SINIAT WD can be left exposed to the weather for up to 12 months before cladding is installed allowing early lock up and start of internal trades and linings as building is weather sealed.



**NON-COMBUSTIBLE**  
SINIAT WD is deemed non-combustible according to C1.9 of the BCA/NCC 2019 and can be used in any cladding or lining application where non-combustible materials are required.

### Availability

CODE	DESCRIPTION	LEAD TIME	MOQ
SWD2412	SINIAT WD 13mm Rigid Air Barrier Board, 2400 x 1200mm	Stock	1 Sheet
SWDS60	SINIAT WD Fireblock XT Sealant, 600ml Sausage	Stock	20 Sausages
SWDM38	SINIAT WD 38mm Self Drilling Metal Screw, 1000 Pack	Stock	1 Pack
SWDT42	SINIAT WD 42mm High Thread Timber Screw, 1000 Pack	Stock	1 Pack
ITS6030	INSULTAPE 60mm Proclima / Siniat Tape, 30m Roll	Stock	1 Roll
ITS15020	INSULTAPE 150mm Proclima / Siniat Tape, 20m Roll	Stock	1 Roll

### Technical Data

TEST ITEM	STANDARD	RESULT
Material Density	Kg/m³	860
Reaction to Fire	EN 13501-1	A1
Non-combustible (DtS)	C1.9(e)	Pass
Resistance to Mould Growth	ASTM 03273	Pass
Thermal Conductivity	W/mK	0.25
Thermal Resistance	R-value	0.05
Water Vapour Resistance	MNs/g	0.49
Water Uptake (2hrs Immersion)	EN 520	<3%
Water Absorbtion (2hrs Cobb Test)	g/m²	<100
Dimensional Change	mm/m	<0.11
Flexural Strength	N	>310
Elastic Modulus	MPa	>3150
Impact Resistance	EN 15283-1	GM-I
Compressive Strength	N/mm2	9

### INSTALL & TECHNICAL

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

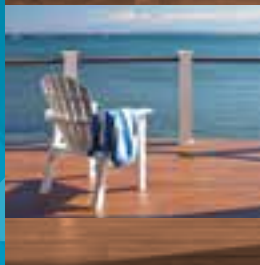






We've Got It Covered

V1020



Blue Chip Group Pty Ltd  
SYDNEY | MELBOURNE | PERTH  
P 1300 945 123  
E sales@bluechipgroup.net.au

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