

Insulated Panels
Australia

Product Lookbook

Kingspan Insulated Panels



Contents

Insulated Roof Systems	3	Architectural Façade Systems	17	Architectural Roofing	28
KS1000RW Trapezoidal Roof Panel	4	Evolution Panelised Façade	18	KingZip Standing Seam	29
K-Clad Roof Panel	5	K-Roc™ Evolution Wall Panel	19	Decks & Liners	30
JI Vulcasteel Roof Panel	6	K-Roc™ Evolution Ultima Plus Wall Panel	20	Controlled Environments & Data Centre Solutions	31
KS1100/1200RL Roofliner Panel	7	KS1100KP Karrier Wall Panel	21	KS1100/1200CS Coldstore Panel	32
K-Roc™ Roofliner Panel	8	K-Roc™ Karrier Wall Panel	22	K-Roc™ Firemaster Wall Panel	33
Insulated Wall Systems	9	K-Roc™ Karrier Ultima Wall Panel	23	K-Roc™ Firemaster Ultima Wall Panel	34
Architectural Wall Panel	10	K-Roc™ Karrier Ultima Plus Wall Panel	23	K-Roc™ Firemaster Ultima Plus Wall Panel	34
KS1000RW Trapezoidal Wall Panel	11	Dri-Design	24	K-Roc™ Firemaster Ceiling Panel	35
K-Clad Wall Panel	12	Shingle	25	Fabrications	36
K-Roc™ AWP Wall Panel	13	Recess Fixed Cassette	26	Pre-formed Corners	37
K-Roc™ AWP Ultima Plus Wall Panel	14	Hook-on Cassette	27	Top Hats	37
K-Roc™ Rockspan Wall Panel	15			Roof & Wall Flashing	37
K-Roc™ Rockspan Ultima Wall Panel	16			Membrane Lined Insulated Gutter	37
K-Roc™ Rockspan Ultima Plus Wall Panel	16				

Introduction

Kingspan Insulated Panels is a global leader in the design, development and delivery of advanced building envelopes. Offering a wide range of insulated roof and wall panels, architectural façade systems, controlled environment solutions, fabrications and standing seam roof systems. Kingspan Insulated Panels is widely recognised for bringing to life bold and thought-provoking design visions.

This book has been designed to inspire by showcasing the latest collection of Australian products, highlighting the versatility of Kingspan Insulated Panels.





Insulated Roof Systems

- KS1000RW Trapezoidal Roof Panel
- K-Clad Roof Panel
- JI Vulcasteel Roof Panel
- KS1100/1200RL Roofliner Panel
- K-Roc™ Roofliner Panel



KS1000RW Trapezoidal Roof Panel

KS1000RW Trapezoidal Roof Panels present a superior single component roofing solution compared to conventional multi-part site assembled systems.

They are quicker to install, require less manual labour and are designed to meet thermal building regulations compliance.

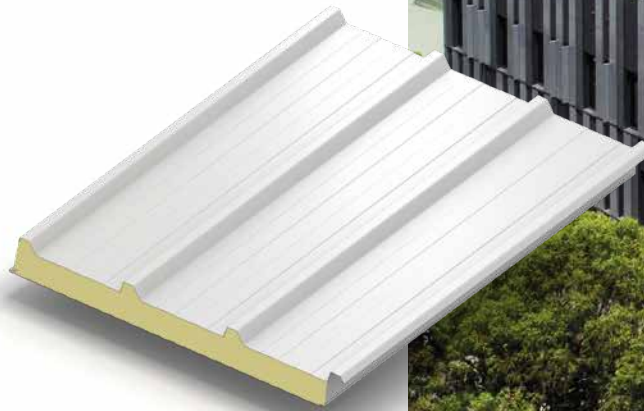
Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 7.11 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 13.7 metres
- Suitable for pitched roof applications of 3° or more after deflection
- Factory-applied weather seal (FAWS) to side lap
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 40 – 140 mm



For more information
scan or click here

* This value is seasonally dependent and varies on which thickness is used.



K-Clad Roof Panel

K-Clad Roof Panel is a single-component system, a viable alternative to the traditional multi-part construction methods of non-Section J buildings. K-Clad Roof Panels provide benefits in areas such as thermal comfort, condensation control, spanning capability, build speed and durability.

Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 1.51 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Suitable for pitched roof applications of 3° or more after deflection
- Ideal for non-Section J buildings such as large scale logistics facilities and temperature sensitive agricultural storage facilities
- Factory-applied weather seal (FAWS) to side lap
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 30 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



JI Vulcasteel Roof Panel

The JI Vulcasteel Roof Panel is a trapezoidal roofing solution manufactured with a high-density, non-combustible mineral wool core, offering excellent acoustic performance.

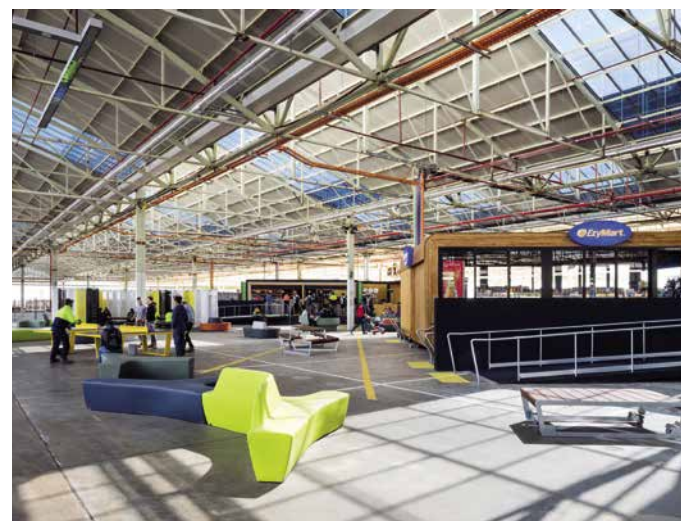
Product Highlights

- High density 100 kg/m³ mineral wool core
- Maximum R-Value of 4.77 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2.5 to 11.8 metres
- Suitable for pitched roof applications of 5° or more after deflection
- All panel joints have a factory-applied seal fitted on the internal joint of the side-lap to automatically seal the adjacent panels
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 80 – 200 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



KS1100/KS1200RL Roofliner Panel

KS1100/1200RL Roofliner Panel is an insulated roof panel, designed to be used as an insulated composite panel substrate installed under site-applied, fully supported or self-supported aluminium, copper, zinc and stainless steel roof systems. Suitable for buildings with low pitch roofs.

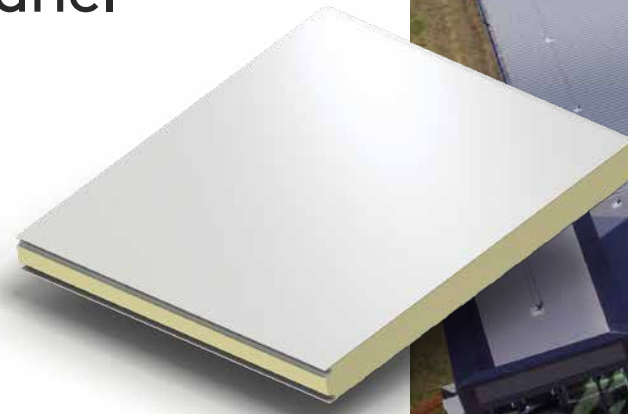
Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 9.82 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,100 mm and 1,200 mm cover widths and standard lengths of 2 to 13.7 metres
- Suitable for low pitch roof applications
- 'Tongue and groove' joint achieves excellent thermal performance
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 50 – 200 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ Roofliner Panel

Building smarter with K-Roc™

K-Roc™ Roofliner is designed to be used as a robust substrate for site-applied single-ply membrane systems. It is ideal for low pitched ($>1^\circ$) roofs with considerable penetrations, even in coastal locations. Achieving the necessary fire test results as defined by clause C2D10 (6)(g) of the National Construction Code (NCC), it can be used wherever a non-combustible material is required.

Product Highlights

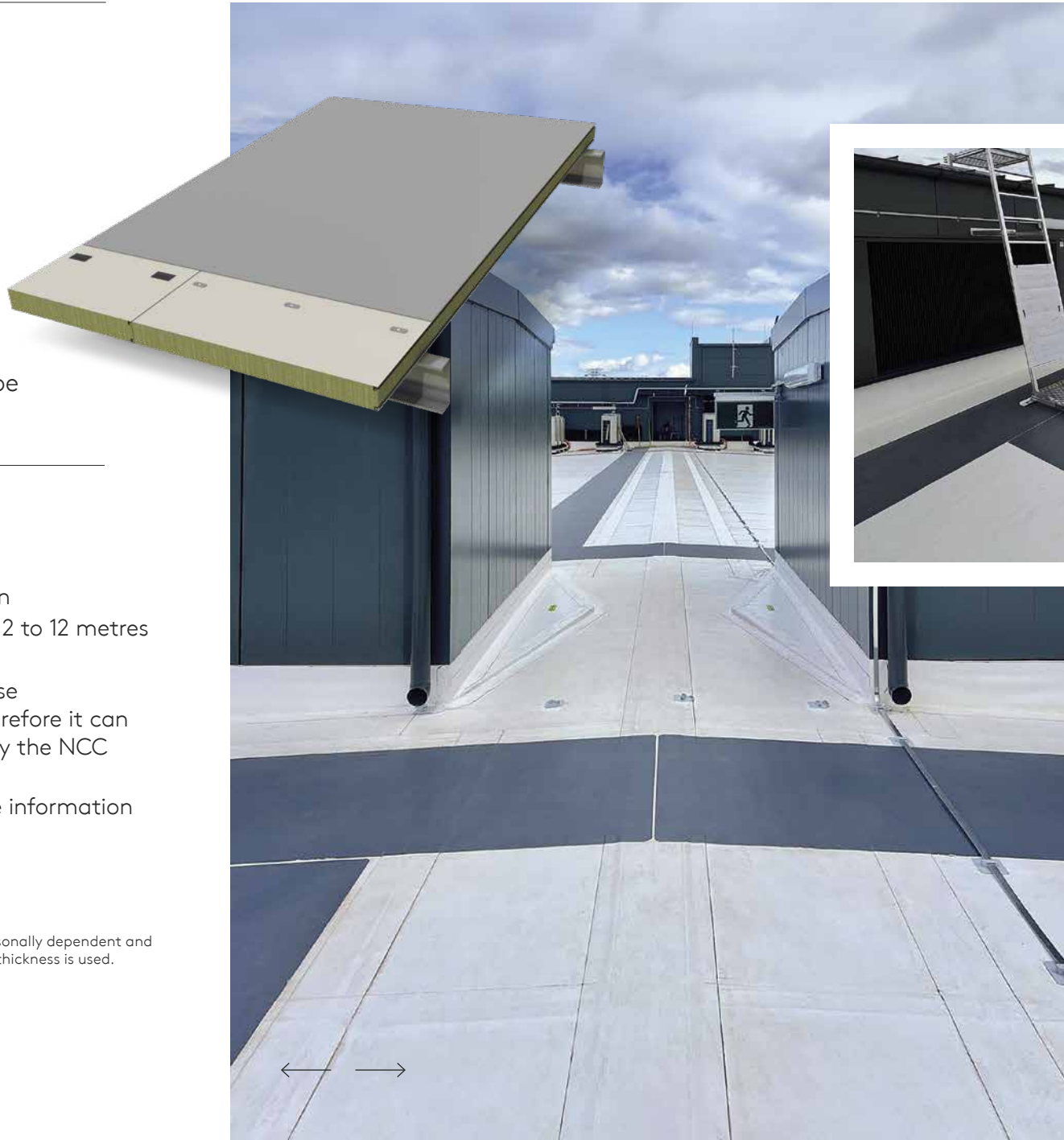
- High density 115 kg/m^3 mineral wool core
- Maximum R-Value of $6.00 \text{ m}^2\text{K/W}^*$
- Through-fix, single component system for faster installation
- Available in 1,100 mm cover width and standard lengths of 2 to 12 metres
- Suitable for low pitch roof applications
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 100 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.



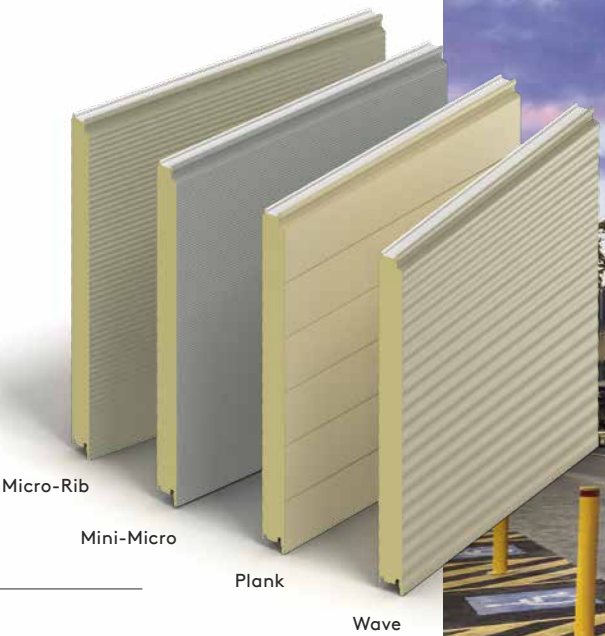
Insulated Wall Systems

- Architectural Wall Panel
- KS1000RW Trapezoidal Wall Panel
- K-Clad Wall Panel
- K-Roc™ AWP Wall Panel
- K-Roc™ AWP Ultima Plus Wall Panel
- K-Roc™ Rockspan Wall Panel
- K-Roc™ Rockspan Ultima Plus Wall Panel

Architectural Wall Panel

The Architectural Wall Panel comprises a range of secret-fix external wall panels that combine aesthetic appeal with performance.

Available in four different profile options and a choice of cover widths, these versatile panels provide a weathertight building envelope solution.



Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 6.92 m²K/W*
- Secret-fix, single component systems for faster installation
- Available in 900 mm and 1,000 mm cover widths and standard lengths of 2 to 13.7 metres
- Factory-applied weather seal (FAWS)
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 50 – 140 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



KS1000RW Trapezoidal Wall Panel

KS1000RW Trapezoidal Wall Panel is a through-fix, single component and versatile insulated panel solution that can be installed in both vertical and horizontal applications.

Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 7.12 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 13.7 metres
- Factory-applied weather seal (FAWS)
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 40 – 140 mm



For more information
scan or click here

* This value is seasonally
dependent and varies on
which thickness is used.



K-Clad Wall Panel

K-Clad Wall Panel is a single-component system, a viable alternative to the traditional multi-part construction methods of non-Section J buildings. K-Clad Wall Panels provide benefits in areas such as thermal comfort, condensation control, spanning capability, build speed and durability.

Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 1.52 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Suitable for vertical or horizontal applications
- Ideal for non-Section J buildings such as large scale logistics facilities and temperature sensitive agricultural storage facilities
- Factory-applied weather seal (FAWS) to side lap
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 30 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ AWP Wall Panel

Building smarter with K-Roc™

K-Roc™ AWP Wall Panels are insulated architectural wall panels with a mineral wool core, that deliver aesthetically appealing building solutions.

The panels feature either a Mini-Micro or Micro-Rib external profile with a secret-fix interlocking joint.

Micro-Rib

Mini-Micro



Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Secret-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Suitable for vertical or horizontal applications
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 75 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.



K-Roc™ AWP Ultima Plus Wall Panel

Building smarter with K-Roc™

The K-Roc™ Ultima range is designed for applications with fire resistance requirements.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Secret-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- K-Roc™ AWP Ultima Plus Wall Panel is tested to provide up to a -/240/240 Fire Resistance Level when tested in accordance with AS 1530.4 2014†
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 150, 175 and 200 mm

Micro-Rib

Mini-Micro



**ACHIEVES UP TO
FRL -/240/240†**
FIRE RESISTANCE LEVEL
TESTED TO AS 1530.4 2014



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.

† Fire resistance levels are subject to panel thickness, width, orientation, distance between supports and method of assembly. Please contact the Technical Team for the specific installation detail required.



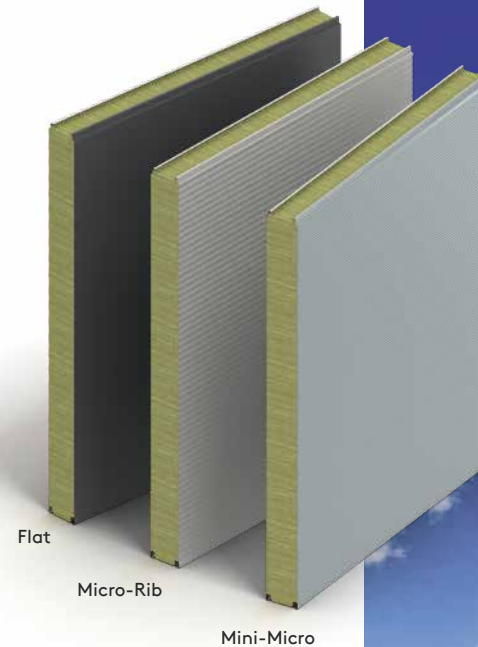
K-Roc™ Rockspan Wall Panel

Building smarter with K-Roc™

K-Roc™ Rockspan Wall Panels provide cost-effective external wall solutions. The through-fixed joint detail enables simple and fast construction, eliminating wet trades as a single component, through-wall construction. Available in three distinct external profiles.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,100 mm cover width and standard lengths of 2 to 12 metres
- Suitable for vertical or horizontal applications
- Factory-applied weather seal (FAWS)
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 75 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ Rockspan Ultima Wall Panel

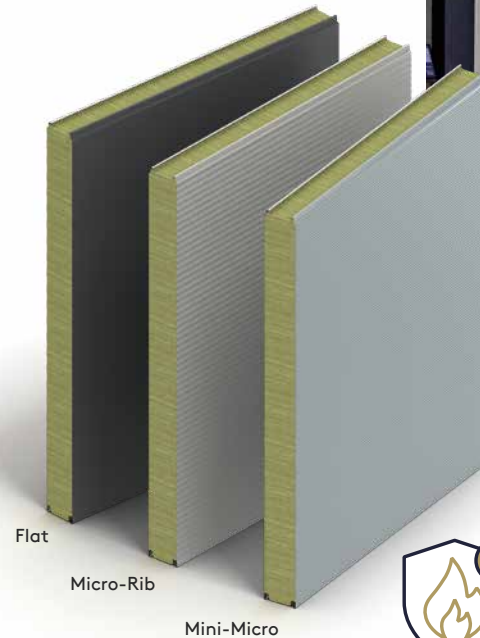
K-Roc™ Rockspan Ultima Plus Wall Panel

Building smarter with K-Roc™

The K-Roc™ Ultima range is designed for applications with fire resistance requirements.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,100 mm cover width and standard lengths of 2 to 12 metres
- Factory-applied weather seal (FAWS)
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- K-Roc™ Rockspan Ultima Wall Panel is tested to provide up to a -/240/180 Fire Resistance Level when tested in accordance with AS 1530.4 2014†
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 120, 150, 175 and 200 mm**



**ACHIEVES UP TO
FRL -/240/180†**
FIRE RESISTANCE LEVEL
TESTED TO AS 1530.4 2014



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.

** K-Roc™ Rockspan Ultima Plus Wall Panel available in 120 and 150 mm thicknesses only.

† Fire resistance levels are subject to panel thickness, width, orientation, distance between supports and method of assembly. Please contact the Technical Team for the specific installation detail required.



Architectural Façade Systems

- Evolution Panelised Façade
- K-Roc™ Evolution Wall Panel
- K-Roc™ Evolution Ultima Plus Wall Panel
- KS1100KP Karrier Wall Panel
- K-Roc™ Karrier Wall Panel
- K-Roc™ Karrier Ultima Wall Panel
- K-Roc™ Karrier Ultima Plus Wall Panel
- Dri-Design
- Shingle
- Recess Fixed Cassette
- Hook-on Cassette



Evolution Panelised Façade

The ideal solution for a minimalist façade effect, Evolution Panelised Façade offers a range of visual effects in a wide selection of colours.

Evolution Panelised Façade can be laid horizontally or vertically and is available in cover widths of 900 mm and 1,000 mm. The system features a secret-fix interlocking joint detail which conceals fasteners from view.

Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 6.92 m²K/W*
- Secret-fix, single component system for faster installation
- Available in 900 mm and 1,000 mm cover widths and standard lengths of 2 to 7 metres
- Choice of visual effects – flat and multi-groove
- Factory-applied weather seal (FAWS)
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 50 – 140 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.

Evolution Axis

Evolution Multi-Groove



K-Roc™ Evolution Wall Panel

Building smarter with K-Roc™

K-Roc™ Evolution Wall Panels are insulated panels with a mineral wool core, that deliver an aesthetically appealing building solution.

K-Roc™ Evolution Wall Panels feature a flat profile with a secret-fix interlocking joint providing a smooth visual finish.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Secret-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Suitable for vertical or horizontal applications
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 75 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.

Rib25 / Flat

Flat / Flat



K-Roc™ Evolution Ultima Plus Wall Panel

Building smarter with K-Roc™

The K-Roc™ Ultima range is designed for applications with fire resistance requirements.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Secret-fix, single component system for faster installation
- Available in 1,000 mm cover width and standard lengths of 2 to 12 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- K-Roc™ Evolution Ultima Plus Wall Panel is tested to provide up to a -/240/240 Fire Resistance Level when tested in accordance with AS 1530.4 2014†
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 150, 175 and 200 mm

Rib25 / Flat

Flat / Flat



**ACHIEVES UP TO
FRL -/240/240†**
FIRE RESISTANCE LEVEL
TESTED TO AS 1530.4 2014



For more information
scan or click here



- * This value is seasonally dependent and varies on which thickness is used.
- † Fire resistance levels are subject to panel thickness, width, orientation, distance between supports and method of assembly. Please contact the Technical Team for the specific installation detail required.



KS1100KP Karrier Wall Panel

KS1100KP Karrier Wall Panels are factory-engineered panel systems that provide structural support, thermal and weather protection for direct-fix or ventilated cavity rainscreen façades.

KS1100KP Karrier Wall Panels can support the range of metallic and non-metallic Kingspan Rainscreen Façade finishes.



Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 9.82 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,100 mm cover width and standard lengths of 2 to 13.7 metres
- 'Tongue and groove' joint achieves excellent thermal performance
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 50 – 200 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ Karrier Wall Panel

Building smarter with K-Roc™

K-Roc™ Karrier Wall Panels are an integral part of a lightweight, factory-engineered building system that comprises high-performance insulated panels that provide the support, thermal and weather protection for direct-fix or ventilated cavity rainscreen façades. Panels are through-fixed and can be installed both vertically and horizontally.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- 1,100 mm cover width with standard lengths of 2.0 to 12.0 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 75 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ Karrier Ultima Wall Panel

K-Roc™ Karrier Ultima Plus Wall Panel

Building smarter with K-Roc™

The K-Roc™ Ultima range is designed for applications with fire resistance requirements.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- 1,100 mm cover width with standard lengths of 2.0 to 12.0 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- K-Roc™ Karrier Ultima Wall Panel is tested to provide up to a -/240/180 Fire Resistance Level when tested in accordance with AS 1530.4 2014†
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 120, 150, 175 and 200 mm**



Dri-Design Tapered cassettes



**ACHIEVES UP TO
FRL -/240/180†**
FIRE RESISTANCE LEVEL
TESTED TO AS 1530.4 2014



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.

** K-Roc™ Karrier Ultima Wall Panel available in 150, 175 and 200 mm thicknesses.
K-Roc™ Karrier Ultima Plus Wall Panel available in 120 and 150 mm thicknesses.

† Fire resistance levels are subject to panel thickness, width, orientation, distance between supports and method of assembly. Please contact the Technical Team for the specific installation detail required.



Dri-Design

Dri-Design rainscreen façade installs faster than many comparable systems and can be directly fixed to the external skin of Kingspan Karrier Panel, or be fixed to top hats to form a ventilated cavity with a traditional construction method.

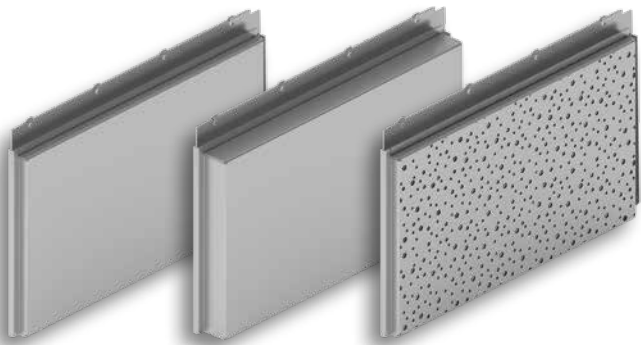
The cassettes come in three variations – flat, tapered, and shadow.

Product Highlights

- Material: Aluminium polyester powder coated (PPC)
- Deemed to Satisfy (DTS) non-combustible under provision C2D10 (6)(e) of the National Construction Code 2022
- Direct fix to KS1100KP Karrier Panel
- Minimal components; only secured by fixing along the horizontal flange top edge
- Cassette types and sizes are seamlessly interchangeable



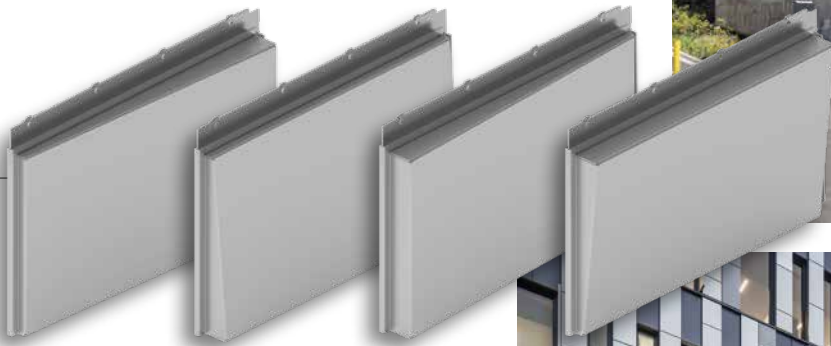
For more information
scan or click here



Dri-Design
Flat

Dri-Design
Shadow

Dri-Design
Perforated



Dri-Design
Tapered



Shingle

Shingle is a flat overlapping façade system formed by interlocking quadrilateral aluminium sheets, which are secret-fixed directly to KS1100KP Karrier Wall Panel by stainless steel clips and rivets, to create a striking modern building façade.



Product Highlights

- Fixing Method: Direct-fix to Kingspan KS1100KP Karrier Wall Panel
- Can be laid in square, rectangular or diamond shapes and patterns to create unique fish scale style effects
- Material: Aluminium polyester powder coated (PPC)



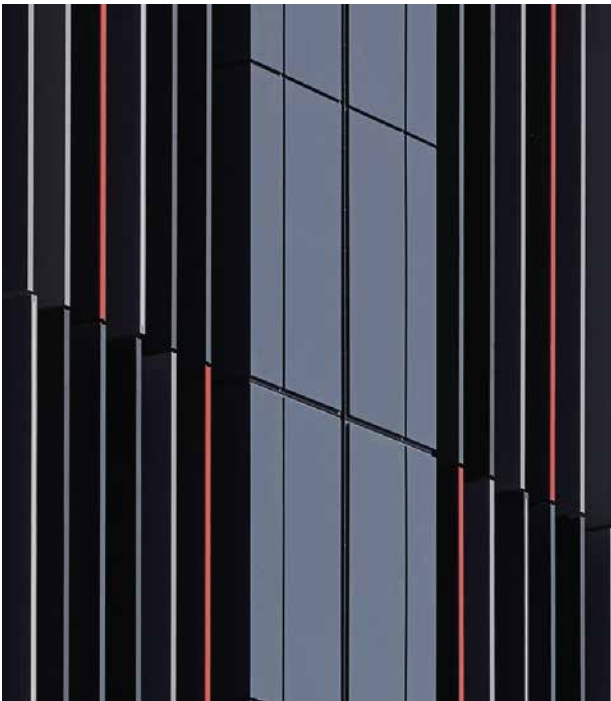
For more information
scan or click here



Recess Fixed Cassette

The Recess Fixed Cassette offers a value-engineered alternative to the Hook-on Cassette System that can be installed horizontally or vertically with standard joint widths.

It is compatible with KS1100KP Karrier Wall Panel System and can be fixed directly to the face of the panel or via rail supports.



Product Highlights

- A cost-efficient façade system
- Direct-fix or via rail supports to KS1100KP Karrier Panel
- Can be fixed directly through the external structural face of the substructure and installed with colour-matched rivets
- Material: Aluminium polyester powder coated (PPC)



For more information
scan or click here



Hook-on Cassette

Hook-on Cassette is a large format, secret-fix façade solution, supplied with proprietary vertical mullions and accessories.

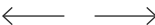
The solution allows for a fast and simple installation by hooking over locating clips installed within the mullions, providing a 10-20 mm shadow line joint. Hook-on Cassettes can be installed on KS1100KP Karrier Panel System.

Product Highlights

- Secret-fix to KS1100KP Karrier Panel via proprietary vertical mullions and accessories
- Material Options: Aluminium as standard. Other material options are available with lead times on request
- Flat as standard. Bespoke depths, tapered angles and perforated options available with lead times on request

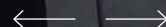


For more information
scan or click here



Architectural Roofing Systems

- KingZip Standing Seam
- Decks & Liners



KingZip Standing Seam

KingZip is a built up standing seam system that enables you to create angular, convex, concave and tapered architectural forms in 2D geometric capability.



Product Highlights

- Material: Aluminium or steel
- Standard cover widths: 300 or 400 mm as standard
- Lengths from 1.5 – 150 metres (site rolled),
1.5 – 15 metres (factory rolled)
- Can be tapered
- Suitable for curved applications – can be curved
to 5 metres for convex and 8 metres for concave
(for 0.9 mm / 1.2 mm thick aluminium)



For more information
scan or click here



Decks & Liners

A range of decks and liners suitable for standing seam roof systems.

RD100/825 Deck & RD200/750 Deck

RD100/825 Deck and RD200/750 Deck are profiled decks, used as part of any build-up system, offering more spanning capabilities than traditional liner systems.

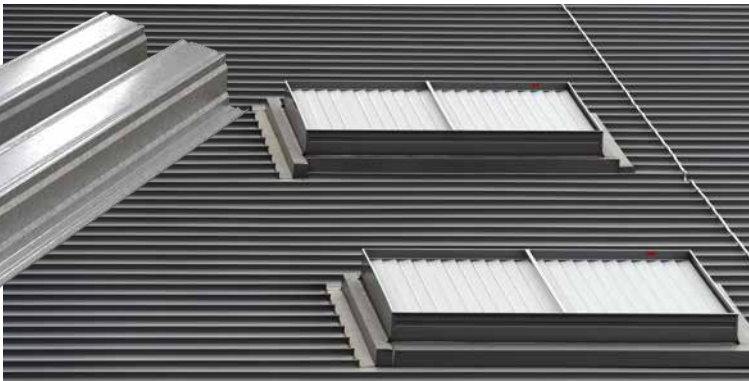
These deck solutions provide a simplified method of construction, removing the need for purlins or side girts, and spanning the structural frame of the building. This results in fewer components and gives clean, uncluttered lines to the building's interior.



RD100/825 Deck



RD200/750 Deck



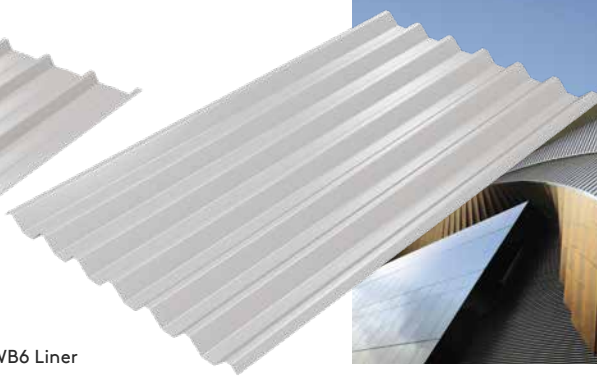
WA200 Liner & WB6 Liner

WA200 Liner and WB6 Liner are profiled liners, used as part of any built-up system or single skin sheet solutions, that require purlins or side girts due to their lesser spanning capability.

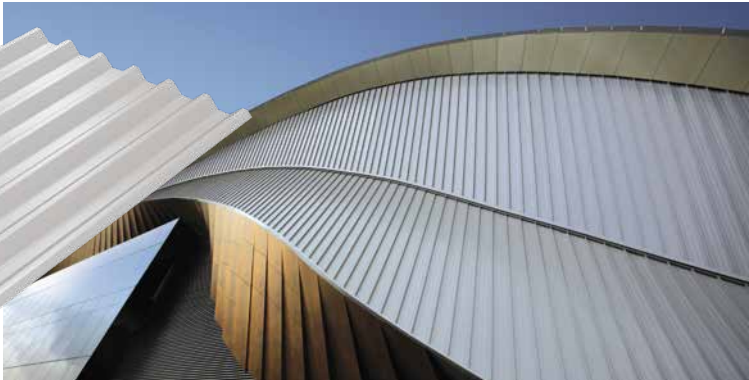
In a traditional standing seam built-up purlin system, WA200 Liner and WB6 Liner would primarily function as a to the insulation material.



WA200 Liner



WB6 Liner



For more information
scan or click here

Controlled Environments & Data Centre Solutions

- KS1100/1200CS Coldstore Panel
- K-Roc™ Firemaster Wall Panel
- K-Roc™ Firemaster Ultima Wall Panel
- K-Roc™ Firemaster Ultima Plus Wall Panel
- K-Roc™ Firemaster Ceiling Panel

KS1100/1200CS Coldstore Panel

KS1100/1200CS Coldstore Panels are designed for use within temperature controlled and hygiene-safe environments such as food processing, deep freeze, cold/chill store and clean rooms for bio-technology and pharmaceutical industries.

Ideal for internal and external walls and ceilings, including internal 'box within a box' applications, KS1100/1200CS Coldstore Panels can be installed vertically or horizontally.

Flat KS1100/1200CS

Rib KS1100/1200CS

Product Highlights

- High performance polyisocyanurate (PIR) insulation core
- Maximum R-Value of 9.82 m²K/W*
- Through-fix, single component system for faster installation
- Available in 1,100 mm and 1,200 mm cover widths and standard lengths of 2 to 13.7 metres
- Choice of two profiles – flat and rib
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 50 – 200 mm



For more information
scan or click here

* This value is seasonally dependent and
varies on which thickness is used.



K-Roc™ Firemaster Wall Panel

Building smarter with K-Roc™

K-Roc™ Firemaster Wall Panels are ideally suited for the construction of non-load bearing internal partition walls with fire resistance performance requirements.

Ideal for use in food processing and storage applications, along with data centres, microelectronics and pharmaceutical facilities, where protected zones or cleanrooms are often required.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- 1,100 mm and 1,200 mm cover widths with standard lengths of 2.0 to 12.0 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 75 – 200 mm



For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.



Flat

K-Roc™ Firemaster Ultima Wall Panel

K-Roc™ Firemaster Ultima Plus Wall Panel

Building smarter with K-Roc™

The K-Roc™ Ultima range is designed for applications with fire resistance requirements.

Product Highlights

- Ideal for use in food processing and storage applications, along with data centres, microelectronics and pharmaceutical facilities, where protected zones or cleanrooms are often required.
- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- 1,100 mm and 1,200 mm cover widths with standard lengths of 2.0 to 12.0 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- K-Roc™ Firemaster Ultima Wall Panel is tested to provide up to a -/240/180 Fire Resistance Level when tested in accordance with AS 1530.4 2014†
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 120, 150, 175 and 200 mm**



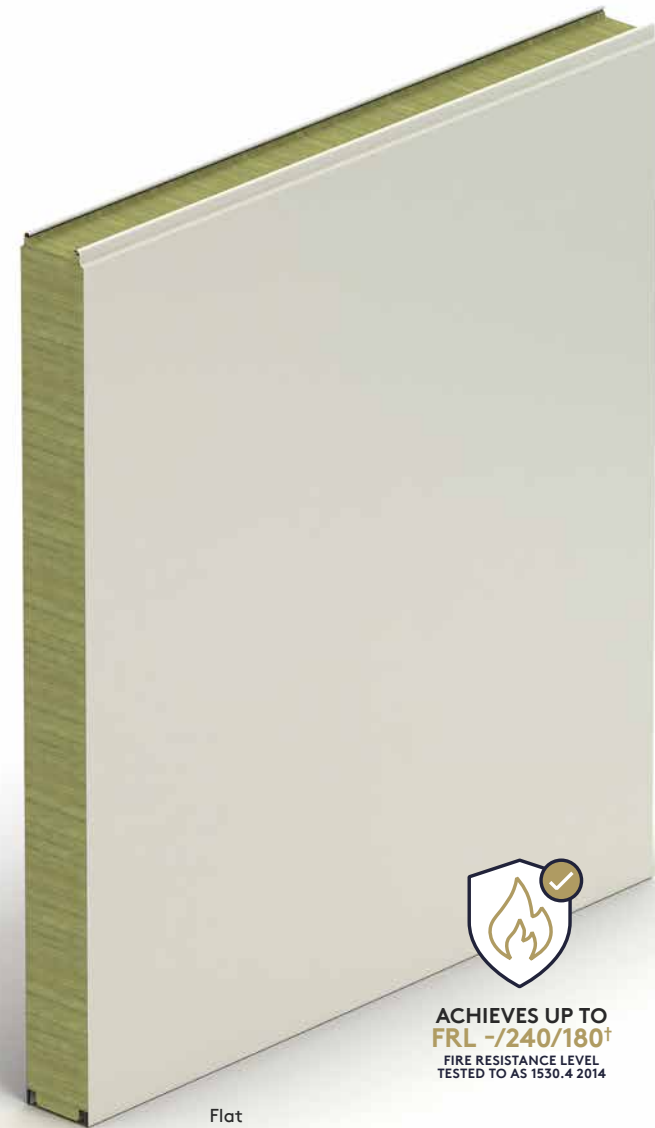
For more information
scan or click here



* This value is seasonally dependent and varies on which thickness is used.

** K-Roc™ Firemaster Ultima Wall Panel available in 150, 175 and 200 mm thicknesses.
K-Roc™ Firemaster Ultima Plus Wall Panel available in 120 and 150 mm thicknesses.

† Fire resistance levels are subject to panel thickness, width, orientation, distance between supports and method of assembly. Please contact the Technical Team for the specific installation detail required.



Flat



**ACHIEVES UP TO
FRL -/240/180†**
FIRE RESISTANCE LEVEL
TESTED TO AS 1530.4 2014

K-Roc™ Firemaster Ceiling Panel

Building smarter with K-Roc™

K-Roc™ Firemaster Ceiling Panel is a non-combustible core panel used as walk-on (access and maintenance) ceilings of food processing and storage applications, along with data centres, microelectronics and pharmaceutical facilities, where protected zones or cleanrooms are often required.

Product Highlights

- High density 115 kg/m³ mineral wool core
- Maximum R-Value of 6.00 m²K/W*
- Through-fix, single component system for faster installation
- 1,100 mm cover width and standard lengths of 2.0 to 12.0 metres
- Achieves the necessary fire test results, as required by clause C2D10 (6)(g) of the National Construction Code (NCC) therefore it can be used wherever a non-combustible material is required by the NCC
- A large range of third-party testing and accreditations are available – please consult the Product Data Sheet for more information
- Core thickness: 100, 120, 150, 175 and 200 mm



For more information
scan or click here



* This value is seasonally dependent and
varies on which thickness is used.



Fabrications

- Pre-formed Corners
- Top Hats
- Roof & Wall Flashings
- Membrane Lined Insulated Gutter



Fabrications

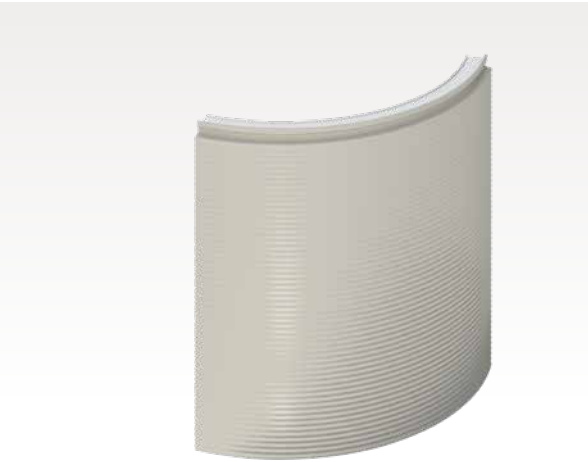
State-of-the-art production equipment and extensive experience enables the production of eye-catching and unique architectural features to complete the building envelope.

Pre-formed Corner*

The range of insulated preformed corners combines insulation continuity with aesthetic design to offer an alternative solution to traditional corner flashings. The range includes curved corner panels.

Please speak to a commercial representative for more advice on whether this is suitable for your project.

* Only available on the PIR range for certain products/thicknesses.



Roof & Wall Flashings

A wide selection of materials, gauges and finishes are available. Material options include pre-coated or galvanised steel and aluminium.



Top Hats

Metal top hats are available in 6 designs, compatible with a range of insulated wall panels. Top hats provide solutions for vertical and horizontal applications. Available in steel or aluminium options.



For more information
scan or click here



Membrane Lined Insulated Gutter

The PIR core membrane lined insulated gutter is suitable for both boundary wall and valley gutter applications. The gutters have customisable widths and lengths, giving you design flexibility.

Gutter components to complete the system, including internal and external corners, stop-ends, T-sections and sumps are available on order.





www.kingspanpanels.com.au

Seventh Issue | 18/09/2025

