



Industrial Building and Cold Storage Solutions

A new extended range of high-performance systems from the World leader



Introducing Kingspan Jindal

The Kingspan Group is a global leader in the design, development and delivery of advanced building envelope products and solutions.

4.4

billion Euro turnover
in 2018

129

global manufacturing
facilities

14,000+

employees worldwide

Kingspan Jindal at a Glance

The Kingspan Jindal partnership brings together Industry leading innovation and building technology know-how to create new high performance building solutions for India, Bangladesh, Nepal, Bhutan, Maldives, Seychelles and Sri Lanka.

An expanded portfolio containing innovative and aesthetically stunning products and systems enables Kingspan Jindal to deliver a broader range of solutions for a wide variety of applications and building types.



This portfolio includes a wide range of products, parts of which are illustrated in this product selector.

"The way we build can be more effective and reach higher standards than ever before. We can make our buildings really work for us, consuming and generating energy smartly, and become real investments in our future."

Gene M. Murtagh
Chief Executive Officer, Kingspan Group plc.

Insulated Panel Building Envelopes – Our Products and Systems



Daylighting & Smoke
Ventilation System

Insulated Wall
Panel System

Roof System

Facade

Assured Quality

Our products conform to international standards and ensure high performance. All Kingspan Jindal plants are ISO 9000 accredited and have standard operating procedures in place in order to produce and supply a high quality product to the customer.

All our products are tested for performance and reliability in accordance to established standards.

To maintain consistent quality, our entire plants run through a 400KVA UPS to have a stabilised power supply.

Some of the essential tests performed in our labs are:

- Thermal conductivity
- Dimensional stability
- Water vapour permeability
- Closed cell content
- Compression strength
- Adhesion strength
- Cross heater
- Horizontal burning

We are committed to offer complete customer satisfaction with cost effective products and services.



Insulated Roof System Strupan



Strupan is an insulated roof panel with a trapezoidal profiled steel exterior and has outstanding structural rigidity and has a ribbed internal liner on the inside.

The standard thermal insulation core is high performance PUR and PIR with additional available options for even higher performance with Kingspan Jindal IPN and FM approved PIR.

Specification

Profile:	Insulated trapezoidal roof panel with 35 mm deep profile
Fixing Detail:	Mechanical fixing is through top of rib to structural supports
Metal Type:	Steel (galvanised or galvalume)
Finish / coating:	See page 36
Application:	Suitable for outer roofs having slope 1:15 (4°) or more or wall cladding
Lengths:	Standard Length up to 12 metres. Longer lengths available on request
Cover Width:	1000 mm
Seals:	Site applied weather and air seal

Benefits

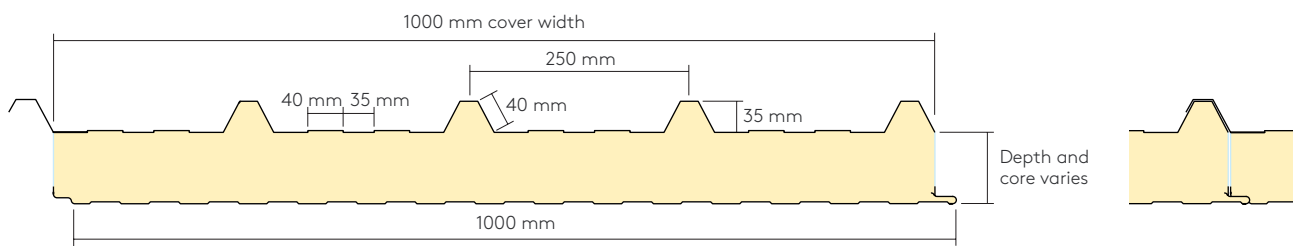
- Rapid, single component, single-fix installation of up to 450 m² per day
- Comprises an insulated core with a steel top sheet and lower sheet
- Stable for walk on roofs for medium to heavy roof traffic as per design
- Can be easily integrated with skylight and other roof opening arrangements
- Can be easily integrated with roof top solar PV and fall arrest systems

Product Specifications and Accreditations

Product Reference	Standard Environment	Temp. Control	Hygiene	High Humidity	Low Temp	Fire Certification*
KJ1000 RW Strupan	✓	✓	✓	✓	•	✓



Product Profile



Dimensions, Weight and Thermal Performance

	KJ1000 RW Strupan							
Core Thickness (mm)	25	30	40	50	60	80	100	120
Overall Thickness (mm)	60	65	75	85	95	115	135	155
U-value (W/m ² K)	0.72	0.62	0.49	0.40	0.34	0.26	0.21	0.18
R-value (W/m ² K)	1.39	1.61	2.04	2.48	2.91	3.78	4.65	5.52
Weight (kg/m ²)	8.10	8.30	8.70	9.10	9.50	10.30	11.10	11.90

Above panel has external substrate of colour coated painted steel 0.45 mm thick and internal steel substrate 0.3 mm thick. Internal steel facing is painted white as standard in U-value has been calculated using the method required by the appropriate National Building Regulations.

*National Standard India.

Insulated Wall System Coldwell

Coldwell insulated panels are unique, tongue and groove joint panels suitable for airtight, panel to panel interlocking that is easy to install and provides an effective seal. Coldwell panels offer a higher thickness of insulation core and are self supporting up to 15 meters.

They form a range of high performance insulated panel systems that have been specifically designed for use within temperature controlled environments, cleanrooms and walk-in coldrooms.

The standard thermal insulation core is high performance PUR and PIR, with additional available options for even higher performance with Kingspan Jindal IPN and FM approved PIR.



Specification

Profile:	Insulated panel with tongue and groove joints
Fixing Detail:	Tongue and groove interlocking and sealed joints
Metal Type:	Steel (galvanised or galvalume)
Finish / coating:	See page 36
Application:	Suitable for partitions, walls and ceilings (can also be used as a Karrier system for facades)
Lengths:	Standard Length up to 15 metres. Longer lengths available on request
Cover Width:	1000 mm
Seals:	Site applied weather and air seal

Benefits

- Suitable for internal partitions, walls and ceilings
- Available in lengths of up to 15 metres
- Comprises an insulated core with a steel top sheet and lower sheet
- Can be easily integrated with curtains, door, windows, etc
- Can be easily integrated with other wall opening arrangements
- Superior thermal performance

Product Specifications and Accreditations (based on Kingspan Jindal PUR/PIR insulation)

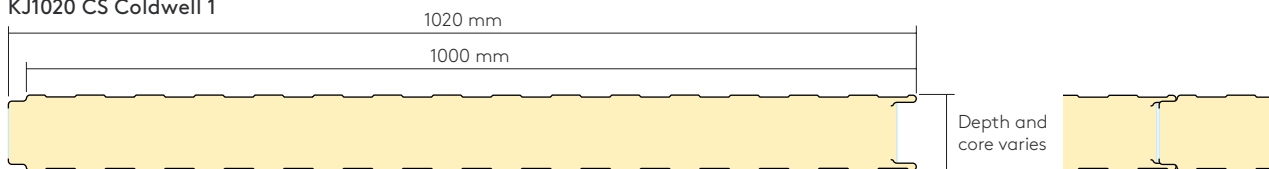
Product Reference	Standard Environment	Temp. Control	Hygiene	High Humidity	Low Temp	Fire Certification*
KJ1020 CS Coldwell 1 & 2	✓	✓	✓	✓	✓	✓



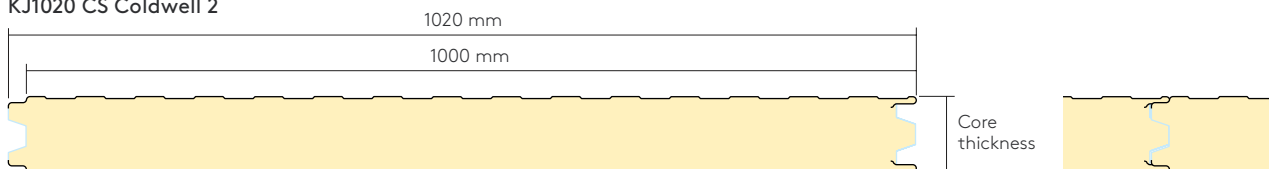
Rand Logistics, UK

Product Profile

KJ1020 CS Coldwell 1



KJ1020 CS Coldwell 2



Dimensions, Weight and Thermal Performance (based on Kingspan Jindal PUR/PIR insulation)

	KJ1020 CS Coldwell 1						KJ1020 CS Coldwell 2			
Core Thickness (mm)	30	40	50	60	80	100	80	100	120	150
Overall Thickness (mm)	30	40	50	60	80	100	80	100	120	150
U-value (W/m ² K)	0.77	0.58	0.46	0.38	0.29	0.23	0.29	0.23	0.19	0.15
R-value (W/m ² K)	1.30	1.74	2.17	2.61	3.48	4.35	3.48	4.35	5.22	6.52
Weight (kg/m ²)	7.47	7.87	8.27	8.67	9.47	10.27	9.47	10.27	11.07	12.27

Above panel has external substrate of colour coated painted steel 0.45 mm thick and internal steel substrate 0.3 mm thick. Internal steel facing is painted white as standard in U-value has been calculated using the method required by the appropriate National Building Regulations.

*National Standard India.

Projects

Commonwealth Games
Delhi



Adani Mundra Ltd
Gujarat



TCI Ltd
Manesar Haryana



VKNRL School
of Nursing
Assam





Agro Merchants Group
The Netherlands



RAND Logistics
Australia



Dabur India Ltd
Assam



Madhusilica Ltd
Gujarat

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