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## SUPPLIERS & INSTALLERS OF INSULATED PANELS

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Thermal Installations WA is a family owned and operated business based in Port Kennedy, supplying insulated panel solutions nationwide. Founded in 2006, Thermal WA has developed strong relationships with our customers to service local businesses, supermarkets, restaurants, fruit processors, farms and mines statewide. We are committed to delivering quality, affordable and sustainable solutions to meet construction and operation requirements.

From supply and installation through to ongoing maintenance and the supply of rooms in kit form, we have a solution for all types of work requiring insulated panels. Our services are flexible and we tailor our approach to each job to suit our client's requirements.

Our products and services are well suited to restaurants, cafes, supermarkets, fast food outlets, aged care facilities, commercial kitchens, agricultural producers, food manufacturers and many others.

We can offer our range of products as supply only, supply and install, in kit room form and of course we also offer repairs and maintenance of your product.

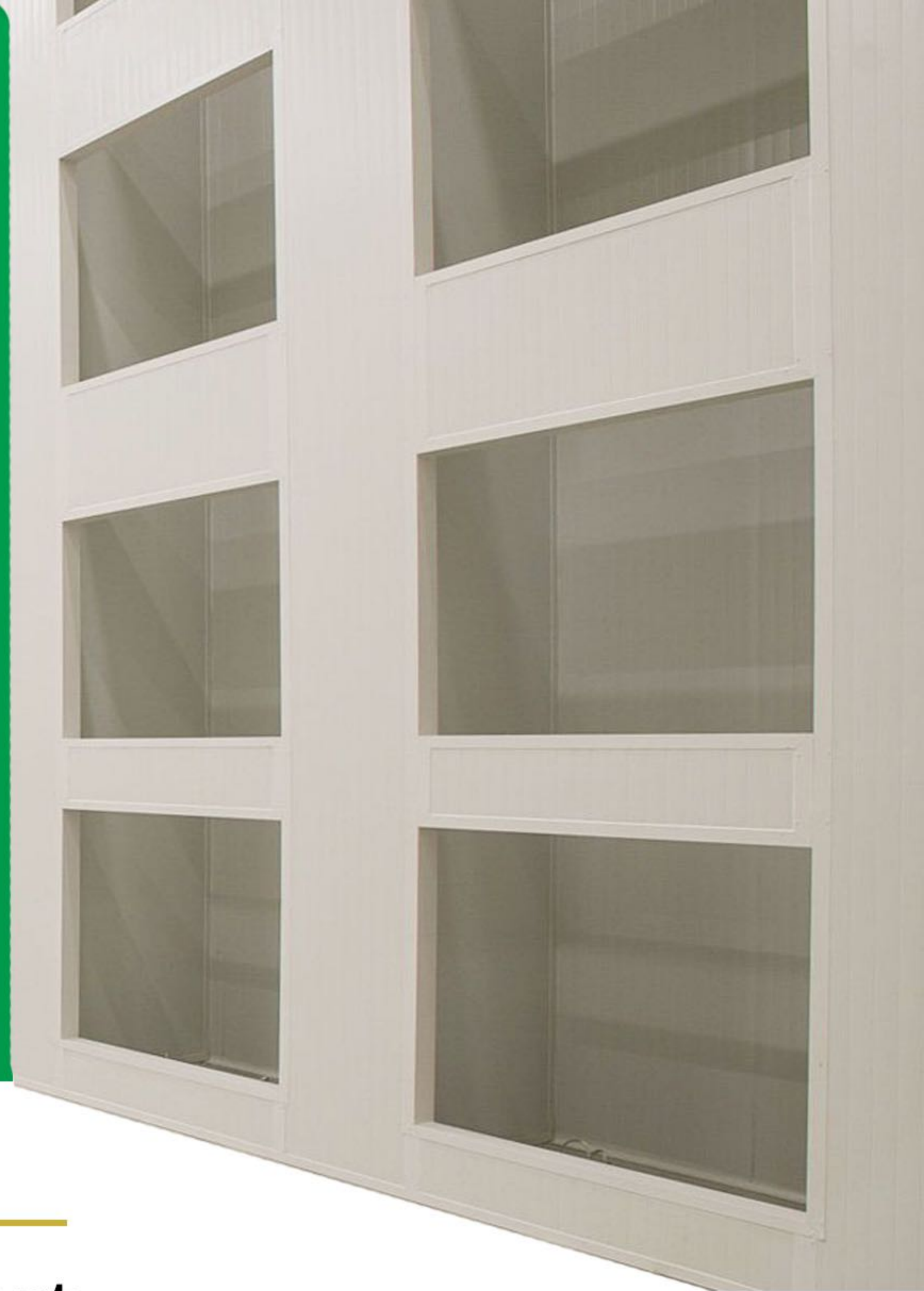
To discover more about our full range of services visit our website at [www.thermalwa.com.au](http://www.thermalwa.com.au) or contact us today for an obligation free consultation. We offer the most comprehensive thermal panel solutions in Australia!



# Which insulated panel is best for me?

At Thermal WA we supply insulated panels of superior quality and performance. Our panels can be used in a wide variety of domestic, commercial and industrial applications from coolroom trailers and caravan annexes through to office partitioning, commercial coolrooms & freezers, clean rooms, food production facilities and pharmaceutical laboratories.

Most insulated panels are available in a range of thicknesses, colours and finishes and can be supplied at custom lengths to suit any requirements.



## Panel Comparison Chart

PANEL THICKNESS (mm)	'R' Value (m2 K/W)		Weight (kg/m2)		Max Internal Wall Height not Supporting Ceiling (m)		Max Ceiling Span (m)	
	EPS	PIR	EPS	PIR	EPS	PIR	EPS	PIR
50	1.32	2.65	11.30	11.00	4.40	5.20	3.50	3.70
75	1.92	3.90	11.60	12.10	5.50	7.00	4.80	4.60
100	2.63	5.15	12.00	13.31	6.40	9.10	6.00	6.00
150	3.95	7.65	12.70	15.62	7.70	12.20	7.60	9.10
200	5.26	10.15	13.40	17.93	9.00	14.10	9.20	11.00



## Coldstore EPS Panel

EPS panels consist of internal and external colourbond skins laminated to expanded polystyrene, a low density, high strength foam which is self-extinguishing when exposed to flames. Each panel has a male and female edge which click together in a simple 'tongue and groove' system.

In addition to their traditional use for coolrooms and freezers, our customers have used EPS panel for zoo enclosures, coolrooms trailers, caravan annexes, domestic wine cellars, office partitioning, spray booths, mezzanine floors.....in fact if you have an idea we can help you make it a reality!



## Fire Rated PIR Panel

PIR fire resistant panels are constructed from polyisocyanurate which is a medium density, high strength foam which chars when exposed to flame.

The high performance PIR core provides cost savings to the customer by way of reduced energy costs and reduced insurance risk for fire and cyclone. It also allows for a reduced thickness of construction compared to EPS panel.

PIR panels are hygienic and fibre free making them suitable for environments where hygiene and temperature control are paramount. This would include food processing, deep freeze and clean rooms for the pharmaceutical and bio-technology industries.

These panels have FM Approval.

## Mineral Wool Panel

Mineral wool panels are constructed from molten rock which has been spun into a wool-like fibre bound with resin. It does not burn when exposed to flame.

These panels are non-combustible and have the added benefit of acoustic properties. Mineral wool panels are ideal for use in data centres, plant rooms and other extreme environments. These panels have FM Approval.



## Industrial & Coolroom Doors

The doors for your project need to be sturdy and reliable. We don't take short cuts when it comes to our doors. Our specialist doors builders manufacture a range of custom built doors using custom-designed extrusions including tracks, roller, guides, locks, handles and gaskets to provide a high quality finish and heavy duty construction to ensure your coolroom temperature consistency.

Our door types include standard asset doors, pan doors, sliding doors, rapid roller doors and vertical uplift doors.

We can also supply doors in kit form with all components supplied for installation.

Thermal WA's cold room doors are designed to be as easy to use as they are efficient. Our cold room doors are track-mounted. This keeps them clear of the floor and the walls, which prevents dragging and staining and will keep the doors and the surrounding area free of any potential damage.

In fact, all aspects of design from the cold room door manufacturers at Thermal WA are centred on the idea of saving money for the customer in the long run. We aim to prevent damage to items from spoilage, and cut the costs of refrigeration and heating areas surrounding the cold room

## Extrusions & Fixings

We supply a wide range of extrusions, fixings and spare parts to assist in the maintenance and installation of your insulated panels. Our large range includes channel, angle, cove, rivets, handles, hinges, sealants, suspensions and bells.



## Service & Repairs

We offer a full range of service and maintenance options for our thermal panels and doors on a supply only or full service basis. From spare parts to replacement doors and panels we have the service solution for you. Please contact us to discuss your maintenance requirements.

## Freight Service

We also have our own tilt truck and trailers to transport material and equipment. Please contact us for a quote.



**Supplying & installing  
insulated panels across  
WA & Australia**

## Contact Us

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