

- ✓ **Colorbond®**
- ✓ AUSTRALIAN OWNED
- ✓ AUSTRALIAN MADE
- ✓ ISO 9001

ECONOTILT™
EPS Core Insulated Panel



Leading Insulated Panel Projects across Australia since 1963

**When it comes to
insulated, fire rated & architectural panel systems
one name stands out . . .**



www.australinsulation.com.au

- Fully insulated building system
- Lightweight, superior spanning capabilities
- Advanced climate control
- Cost efficient to install & maintain
- Premium BlueScope Steel Colorbond® Permagard™ White in Microban® for antibacterial protection
- Meets AQIS food industry standards
- Conforms to fire safety standards BCA Group 1
- 10 year warranty*

* Subject to warranty and maintenance conditions

PRODUCT INFORMATION

MELBOURNE	(03) 9706 3277
ADELAIDE	(08) 8252 7188
PERTH	(08) 9249 4022



SPECIFICATIONS AT A GLANCE

Core

Panel cores are self-extinguishing grade expanded polystyrene Class SL, manufactured to Australian standards. Steel skins are bonded to the core under pressure using a two-part thermosetting polyurethane adhesive.

EPS Panel cores are also available with a thermal link finger joint on vertical panel joints for freezers and CA storage applications. This finger joint is used for panels between 150 and 200mm thickness and these panels are called Thermalink®.

Other specialised cores are also available on request.

Skins

Sheet thickness can range from 0.40mm to 0.60mm for either surface skin. Panel skins are available with a choice of steel:

- Colorbond® Permagard™ steel, incorporating Microban® antibacterial technology in its coating to provide durable, food-safe performance that will not wash off.

This steel is available in Permagard™ White only.

- Colorbond® standard grade steel comes in a wide range of designer colours.

- There are other skin materials available on request, including Stainless Steel, Aluminium and Printech™ printed steel.

Colour

The many colours available in Colorbond® range from traditional to modern. For Prestige Applications there is Colorbond® Metallic steel.

Generally, the lighter colours are preferred for external use, because they reflect solar radiation. The various surfaces and colour choice can influence the price per square metre - our sales staff will gladly assist you in your selection.

Dimensions

- Width: 1200mm as a modular standard.
- Thickness: 38mm and 50 to 300mm in multiples of 25mm.
- Length: As required, determined by handling, design and transportation.

Profiles

Available with a flat surface finish or low profile of 0.75mm depth to either surface: 100mm Rib profile, 50mm Mesa Rib and Silkline. The Austral Slip-joint® is incorporated into the edges of both surface skins for easy installation.

THERMAL PERFORMANCE (SL Grade EPS core)

Panel Thickness (mm)	R value (m ² K/W)	U factor (W/m ² K)	Weight (kg/m ²)
50	1.32	0.76	10.9
75	1.97	0.51	11.2
100	2.63	0.38	11.6
150	3.95	0.25	12.2
200	5.26	0.19	12.9
250	6.58	0.15	13.6
300	7.90	0.13	14.4



Austral Insulation panel on display:

Some of the various applications for Austral Insulation laminated insulated panel are illustrated above: Residential dwellings, Commercial offices, Public buildings, Refrigerated storage facilities and high-rise CA facilities.

Orders for panel

All panels are manufactured to order.

Wall panel can be supplied with rebate ends for support to the ceiling or mitre edge for corner joints. Ceiling panel is square cut. Orders should state your requirements, including preferred colours and profile.