

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

**ECONODECK®**  
EPS Core Insulated Roofing 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](http://www.australinsulation.com.au)

- Fully insulated roofing 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

<b>MELBOURNE</b>	<b>(03) 9706 3277</b>
<b>ADELAIDE</b>	<b>(08) 8252 7188</b>
<b>PERTH</b>	<b>(08) 9249 4022</b>



**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. Other specialised cores are also available on request.

**Skins**

Sheet thickness ranges. The external weather skin is standard at 0.40mm with a 100mm profile of 0.75mm depth with a 34mm rib forming the weather-joint. The internal skin is optional and can range from 0.40mm to 0.60mm. thickness.

Panel skins are available with a choice of steel:

- Colorbond® Permagard™ steel, incorporating Microban® anti-bacterial 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 Colorbond® Stainless steel and Ultra steel for severe coastal and industrial environments.

**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**

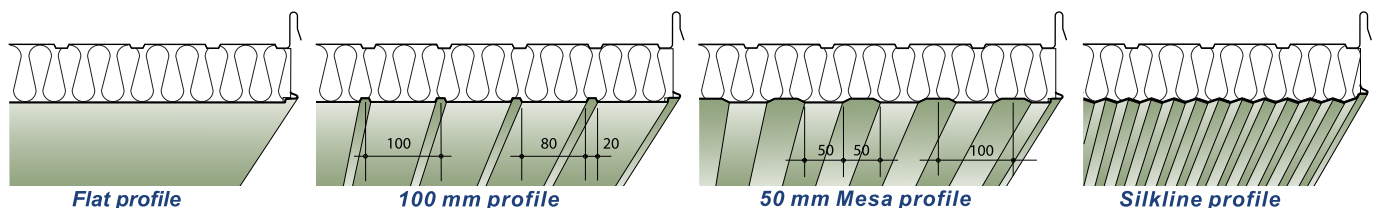
- Width: 1200mm as a modular standard.
- Thickness: 75 to 200mm in multiples of 25mm.
- Length: As required, determined by handling, design and transportation.

**Profiles**

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

**THERMAL PERFORMANCE** (SL Grade EPS core)

Panel Thickness (mm)	R value (m <sup>2</sup> K/W)	U factor (W/m <sup>2</sup> K)	Weight (kg/m <sup>2</sup> )
75	1.97	0.51	8.1
100	2.63	0.38	8.4
150	3.95	0.25	9.1



Austral Insulation panel on display:

*Some of the various applications for Austral Insulation laminated insulated panel are illustrated above: Residential dwellings, Refrigerated storage facilities, Public buildings and overleaf - Econodeck roofing for a factory.*

**Orders for panel**

All Econodeck panels are manufactured to order (the minimum order being 200m<sup>2</sup>). Orders should state your requirements, including preferred colours and profile.

