

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

# XFLAMPANEL™

Fire Rated & Architectural Systems

TYPICAL PROJECTS



*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)



Conforms to high fire  
resistance standards  
Insurer Approved

- FM Global Class 1
- BCA Group 1
- Fast installation
- Lightweight -  
superior spanning  
capacity
- Excellent energy  
efficiency ratings -  
R-values up to 8.06
- Cost efficient to  
install & maintain
- BlueScope Steel  
Colorbond® range  
of designer colours
- Permagard™ White  
in Microban® for  
antibacterial  
protection
- Meets AQIS food  
industry standards

## 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 fire-resistant XFlam™ based on syntactic technology. XFlam™ comprises a composite blend of specific phenolic resins and various filling materials, manufactured to Australian standards.

Steel skins are bonded to the core under pressure using a two-part thermosetting polyurethane adhesive.

### 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: 50 to 250mm in multiples of 25mm.
- Length: Cut to order, a minimum length 1000mm to a maximum of 22000mm.

### 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 (XFlam™ core)

Panel Thickness (mm)	R value (m²K/W)	Weight (kg/m²)
50	1.61	12.7
75	2.42	13.7
100	3.23	14.6
150	4.84	16.5
200	6.45	18.4
250	8.06	20.3

### 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.



Austral Insulation panel on display:

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