



Ph: 1300 242 799

Email: [sales@bighandsbuildingsupplies.com.au](mailto:sales@bighandsbuildingsupplies.com.au)

Shop Address: 60-68 Hampstead Road, Auburn 2144



**PIR panel**



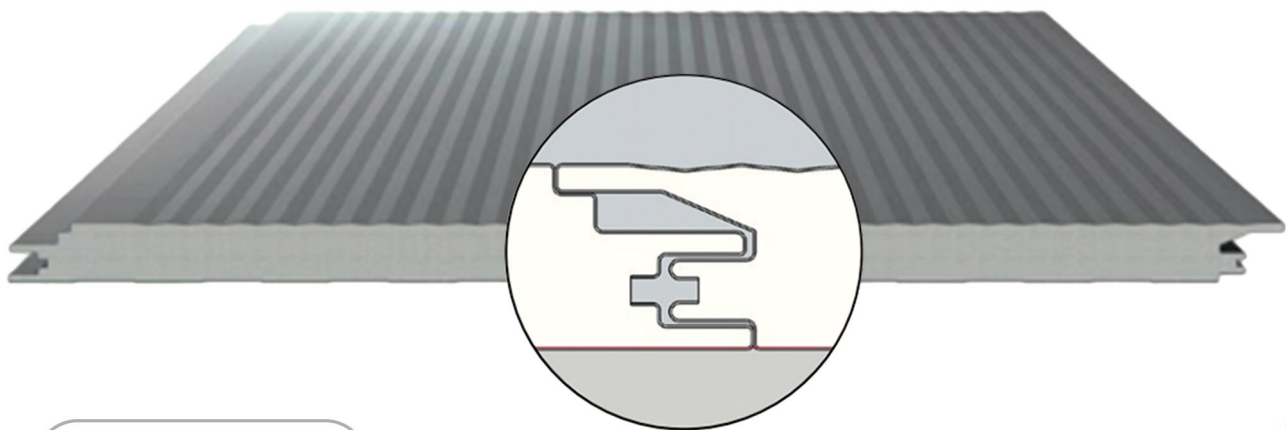
PIR panel made by a PIR (Polyisocyanurate) fire-retardant core and high performing thermal properties. It's FM Approved to FM 4880 & 4881, which recommended to improve fire performance for insurance purposes.

The polyisocyanurate foam core provides high thermal resistance, helping to maintain comfortable indoor temperatures and reduce energy consumption for heating or cooling.

Despite their superior insulation properties, PIR wall panels are lightweight, making them easy to handle, transport, and install. Additionally, they offer durability and structural stability, contributing to the longevity of the building envelope.

# PIR Sandwich Panel

Exterior Wall & Facade



## Width (cover mm)

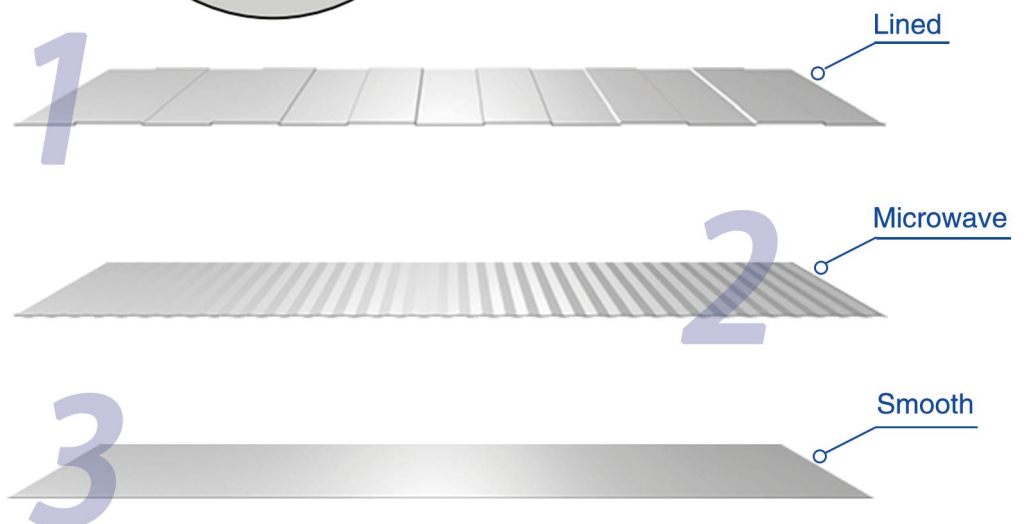
1000

## Thickness (mm)

40/50/60/65/75/80/  
100/120/150/200

## Length (mm)

2.1/2.4/3.0 or  
Customized  
(Order Start 1000sqm)



**Core** ▶ PIR (Polyisocyanurate); 40kg/m<sup>3</sup>

**External Material** ▶ PPGI/PPGL: 0.4mm~0.7mm

**External Finishes** ▶ Smooth,Lined,Microwave

**External Colour Options** ▶ White grey. Other colours available subject to minimum order quantities.

**Internal Material** ▶ PPGI/PPGL: 0.4mm~0.7mm

**Internal Finishes** ▶ Smooth,Lined,Microwave

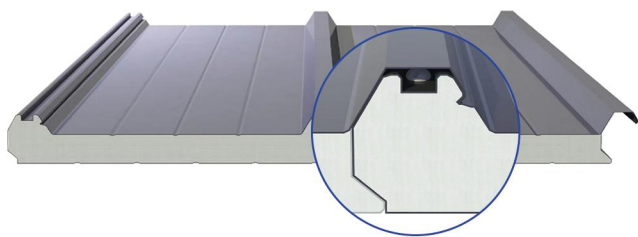
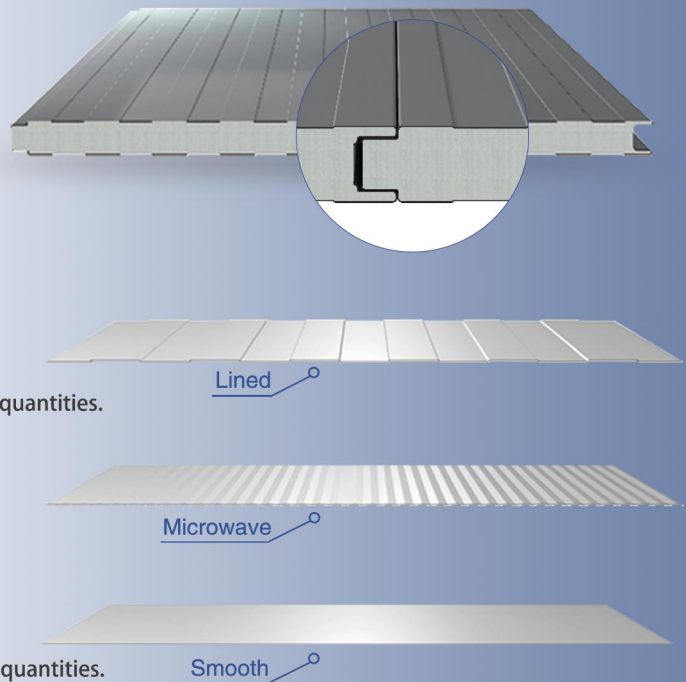
**Internal Colour Options** ▶ White grey. Other colours available subject to minimum order quantities.

**Thermal Conductivity (W/m · K)** ▶ 0.02

**Overlap** ▶ Hidden Screw

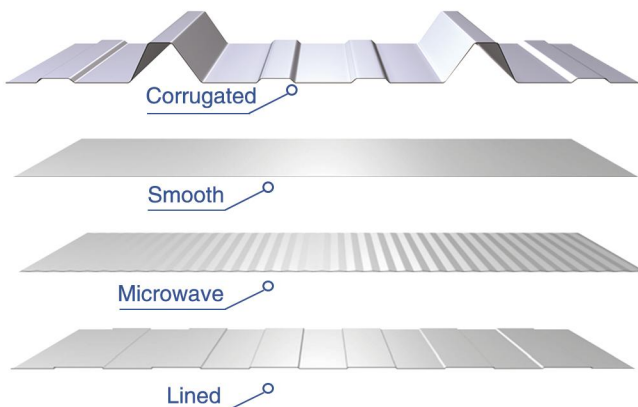
- Core** ▶ PIR (Polyisocyanurate); 40kg/m<sup>3</sup>
- Width (cover mm)** ▶ 1120
- Thickness (mm)** ▶  
30/35/50
- Length (mm)** ▶  
2.1/2.4/3.0 or Customized (Order Start 1000sqm)
- External Material** ▶  
PPGI/PPGL: 0.6mm    SUS304: 0.5mm
- External Finishes** ▶  
Smooth,Lined,Microwave
- External Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.
- Internal Material** ▶  
PPGI/PPGL: 0.6mm    SUS304: 0.5mm
- Internal Finishes** ▶  
Smooth,Lined,Microwave
- Internal Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.
- Thermal Conductivity (W/m · K)** ▶ 0.02
- Overlap** ▶ C Plug In

## Internal wall & ceiling



## Invisible Nail Roof

- Core** ▶ PIR (Polyisocyanurate); 40kg/m<sup>3</sup>
- Width (cover mm)** ▶ 1000
- Thickness (mm)** ▶  
40/50/75/80/100/120/150
- Length (mm)** ▶  
2.1/2.4/3.0 or Customized (Order Start 1000sqm)
- External Material** ▶  
PPGI/PPGL: 0.4mm~0.7mm
- External Finishes** ▶  
Corrugated
- External Colour Options** ▶  
White grey.  
Other colours available subject to minimum order quantities.
- Internal Material** ▶  
PPGI/PPGL: 0.4mm~0.7mm
- Internal Finishes** ▶  
Smooth,Lined,Microwave
- Internal Colour Options** ▶  
White grey.  
Other colours available subject to minimum order quantities.
- Thermal Conductivity (W/m · K)** ▶ 0.02
- Overlap** ▶ Hidden Screw



## Cold storage internal wall & ceiling

**Core** ▶ PIR (Polyisocyanurate); 40kg/m<sup>3</sup>

**Width (cover mm)** ▶ 1000/1120

**Thickness (mm)** ▶  
75mm/150mm

**Length (mm)** ▶  
2.1/2.4/3.0 or Customized (Order Start 1000sqm)

**External Material** ▶  
PPGI/PPGL: 0.6mm SUS304: 0.5mm

**External Finishes** ▶  
Smooth,Lined,Microwave

**External Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.

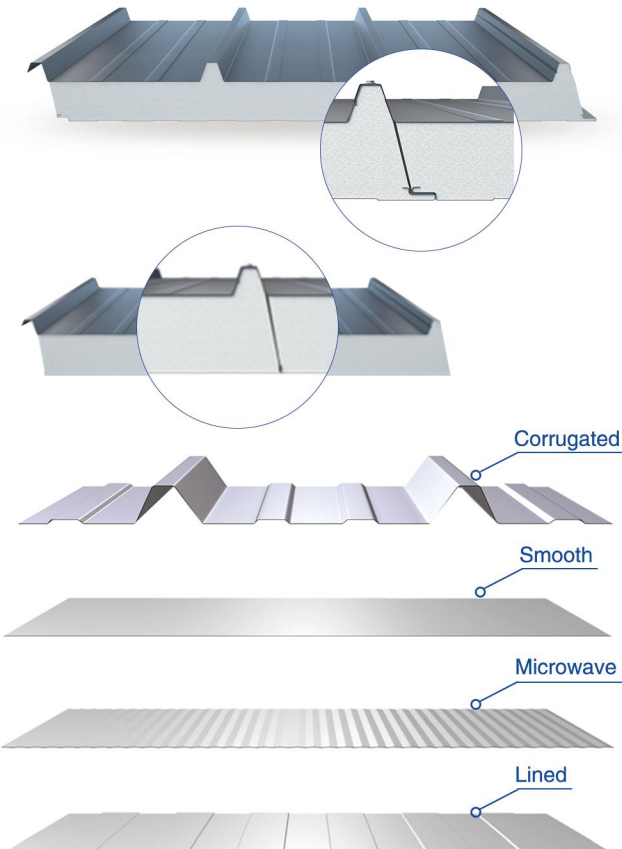
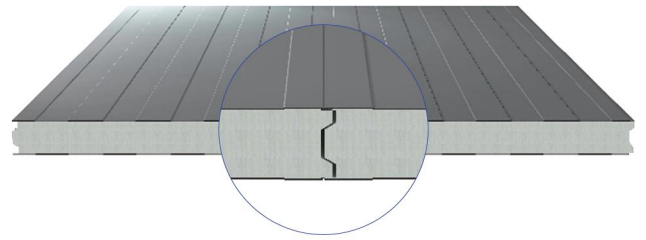
**Internal Material** ▶  
PPGI/PPGL: 0.6mm SUS304: 0.5mm

**Internal Finishes** ▶  
Smooth,Lined,Microwave

**Internal Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.

**Thermal Conductivity (W/m · K)** ▶ 0.02

**Overlap** ▶ M Plug In



## Visible Nail Roof

**Core** ▶ PIR (Polyisocyanurate); 40kg/m<sup>3</sup>

**Width (cover mm)** ▶ 1000

**Thickness (mm)** ▶  
20/30/40/50/60/75/80/100/125

**Length (mm)** ▶  
2.1/2.4/3.0 or Customized (Order Start 1000sqm)

**External Material** ▶  
PPGI/PPGL: 0.4mm~0.7mm

**External Finishes** ▶  
Trapezoidal Profile

**External Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.

**Internal Material** ▶  
PPGI/PPGL: 0.4mm~0.7mm Aluminum Foil / White paper film

**Internal Finishes** ▶  
Smooth,Lined,Microwave Aluminum Foil / White paper film

**Internal Colour Options** ▶  
White grey. Other colours available subject to minimum order quantities.

**Thermal Conductivity (W/m · K)** ▶ 0.02

**Overlap** ▶ Screw