

## **PINK® PARTITION HD PANELS** **HIGH-DENSITY GLASSWOOL ACOUSTIC PANELS**

### **Description**

Pink® Partition HD Panels are available in densities of 96kg/m³ or 168kg/m³. Pink® Partition HD Panels are sanded on one side to provide a smooth surface for the adhesion of decorative textile fabrics.

### **Application**

The high density specification of the panels allows for reduced sound transmission between rooms in commercial building applications such as schools, sports auditoriums, offices and apartments.

Pink® Partition HD Panels are typically fixed to partition studs and are positioned behind the internal lining (eg. plasterboard) to act as an isolating medium between adjoining rooms.

The panels may also be used in concrete floor systems (installed between the floor membrane and the underside of the concrete slab) to create a sound barrier between floors.

This makes Pink® Partition HD suitable for use as an acoustic substrate used in the manufacture of acoustic decorative panels.

### **Product Data**

Product	Thickness mm	Width mm	Length mm	Pieces per pack	Coverage per pack m²	Product Code
Pink® Partition 96	25	1200	2400	Supplied as 50 sheets per pallet	144.00	940120
			3000		180.00	940125
Pink® Partition 168	13	1200	914	10	10.97	903668

### **Physical Properties**

Property	Test Method/Standard	Result	Unit
Thermal Resistance R-value	AS/NZS 4859.1	Complies	m²K/W
Moisture Absorption	When exposed to environmental conditions of 50°C and 95% relative humidity for four days	< 0.2	% by volume
Maximum Service Temperature	ASTM C411/C447	Glasswool: 350	°C
pH	ASTM C871	9 (does not contribute to the corrosion of steel structures)	

### **Fire Hazard Properties**

Pink® Partition HD exhibits the following characteristics when assessed in accordance with the following standards:

Property	Test Method/Standard	Result
Early Fire Hazard Indices	AS/NZS 1530.3	0
Ignitability Index		
Spread of Flame Index		
Heat Evolved Index		
Smoked Developed Index		

## Health & Safety

Pink® Partition HD Panels is manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is safe to use and is classified as non-hazardous according to the criteria of Safe Work Australia. Fletcher Insulation™ glasswool can be used with confidence in any residential, commercial or industrial application.

## Environmental Properties

Fletcher Insulation avoids the use of Ozone Depleting Potential (ODP) substances in the manufacture or composition of its FBS-1 Glasswool Bio-Soluble Insulation® and Sisalation® reflective foil products. The use of Pink® Partition HD Panels guarantees the use of Zero ODP insulation while also ensuring that no harmful levels of Volatile Organic Compounds (VOCs) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

## Technical Specification

When specifying, state the following:

The acoustic insulation material shall be Fletcher Insulation Pink® Partition \_\_\_\_\_ (specify 96kg/m<sup>3</sup> or 168kg/m<sup>3</sup>) HD Panels \_\_\_\_\_mm (specify width) x \_\_\_\_\_mm (specify length).

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