

# TECHNICAL DATA SHEET

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



### Product description and typical applications

Pink® Partition HD Panels are available in densities of 96kg/m<sup>3</sup> or 168kg/m<sup>3</sup>. 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 (e.g. 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.

Pink® Partition HD Panels are sanded on one side to provide a smooth surface for the adhesion of decorative textile fabrics. This makes Pink® Partition HD suitable for use as an acoustic substrate used in the manufacture of acoustic decorative panels.



### Physical characteristics

Product	Nominal thickness mm	Width mm	Length mm	Pieces per pack	Coverage per pack m <sup>2</sup>	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

### Acoustic performance

Pink® Partition HD Panels (96kg/m<sup>3</sup>) achieve the following sound absorption results when tested in accordance with AS1045 by the Reverberation Room Method (mounting N4 laid flat on floor).

Nominal thickness mm	Sound absorption coefficients (reverberation) at frequencies (Hz) of:					
	125	250	500	1000	2000	NRC
25	0.16	0.27	0.67	0.88	1.02	0.70
50	0.19	0.86	1.08	1.17	1.06	1.05

### Early fire hazard properties

Pink® Partition HD Panels achieve the following results when tested in accordance with AS1530.3-1999:

Ignitability Index	0
Spread of Flame Index	0
Heat Evolved Index	0
Smoke Developed Index	0-1



Fletcher®  
Insulation

Building Better, Together.

## Maximum service temperature

Pink® Partition HD Panels are manufactured for use at temperatures that are normally experienced in building systems. Their maximum and minimum service temperatures range from sub zero to a maximum of 340°C.

---

## Moisture absorption

Pink® Partition HD Panels absorb less than 0.2% moisture by volume when exposed to environmental conditions of 50°C and 95% relative humidity for four days.

---

## Alkalinity

When tested in accordance with British Standard 3958, Fletcher Insulation™ glasswool products receive a rating of pH9 (pH7 is neutral). They will not promote or accelerate the corrosion of steel or galvanised steel studs provided they are protected from external contamination.

---

## Safe to use

Pink® Partition HD Panels are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is safe to use and meets the criteria of the Australian Safety and Compensation Council (formerly NOHSC) to be classified as non-hazardous. Fletcher Insulation™ glasswool can be used with confidence in any residential, commercial or industrial application.

---

## Green Star compliant

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 (VOC's) are released. This allows the incorporation of environmentally preferable insulation whilst also maintaining indoor air quality.

---

## Specification notes

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).

---

© Fletcher Insulation Pty Limited 2016. Fletcher Insulation reserves the right to change product specifications without prior notification. Information in this publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but because of the many particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application. Unless otherwise stated all ™ and © are trademarks and registered trademarks of Fletcher Insulation Pty Limited ABN 72 001 175 355.  
CTDS2\_Revision\_0\_Issue Date 03022016

Fletcher®  
Insulation

**Building Better, Together.**