# Pink® Partition 22

## Commercial thermal and acoustic partition insulation

**NEXT GENERATION FORMULA**

**Now with a softer feel for more comfortable handling**

## Product description and typical applications

Pink® Partition 22 insulation (22kg/m³) deliver excellent thermal and acoustic performance for commercial applications where steel stud construction is used. They are ideal for installation in wall systems and as an acoustic ceiling overlay. The high thermal performance enables wall systems to easily comply with Building Code of Australia (BCA) Part J Total R-value requirements for concrete tilt panel wall construction that is often used for shopping centres, factories, offices and high rise residential buildings.

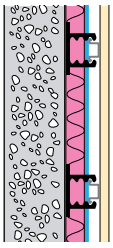
Pink® Partition 22 insulation are supplied as a roll (2 per pack) and skip chopped every 2700mm. The 2700mm lengths enable fast, cost effective installation with a minimum of cutting and joining.

**Pink® Partition 22 insulation features a Next Generation formula that provides a softer feel for more comfortable handling.**

## Physical characteristics

| Nominal R-value m² k/w | Product code | Batt size mm | Nominal thickness mm | Pieces per pack | Area per pack m² |
|---|---|---|---|---|---|
| R0.7 | 901009 | 2700 x 600 | 25 | 20 | 32.40 |
| R1.0 | 901010 | 2700 x 600 | 38 | 12 | 19.40 |
| R1.4 | 901013 | 2700 x 600 | 50 | 12 | 19.40 |
| R1.8 | 901012 | 2700 x 600 | 64 | 10 | 16.20 |

## Concrete tilt panel wall system



**Summer Total R2.7 / Winter Total R3.0**

External 150mm concrete tilt panel and 92mm steel stud offset 10mm from tilt slab with 90mm Pink® Partition 22 insulation infill and 10mm plasterboard internal lining. Summer calculations based on ambient air temperature at 36°C and internal 24°C and Winter calculations based on ambient air temperature at 12°C and internal 18°C in accordance with AS/NZS 4859.1 (2002) – Amendment 1 (2006).

*Material R-value of 150mm concrete is R0.1

## Green Star compliant

Fletcher Insulation® is committed to providing environmentally sustainable products. Fletcher Insulation® products have Zero Ozone Depleting Potential in both manufacture and composition, complying with the GreenStar Insulant ODP Emissions credit requirement. Air quality is maintained with total Volitile Organic Compound (VOC) emissions below quantifiable levels.

AS/NZS 4859.1: 2002 - Including Amendment 1 Materials for the Thermal Insulation of Buildings

Pink® Partition 22 insulation comply with the Energy Efficiency provisions of the BCA for all types of thermal insulation to be certified by a NATA accredited organisation.

Quality Management • ISO 9001

Global-Mark.com.au®

ZERO OZONE DEPLETING POTENTIAL

Fletcher® Insulation

We safely deliver extraordinary value to our customers

## AS1530.1 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink® Partition 22 insulation are non-combustible.

The BCA deemed to satisfy provisions require walls important to the structural integrity of commercial buildings to be constructed wholly of materials that are non-combustible. Fire rated (FRL) walls between tenancies and common walls of multi-level apartment buildings also must be constructed wholly of materials that are non-combustible. The BCA states that if materials used in an assembly contain combustible components, then the assembly is combustible.

Incorporating non-combustible Pink® Partition 22 insulation into wall systems allows builders to gain acoustic and thermal benefits while still complying with the BCA requirement to maintain structural integrity and for minimising risk to occupants from smoke inhalation and fire in Class 2 to 9 buildings.

## AS1530.3 Early fire hazard properties of materials

Pink® Partition 22 insulation exhibit the following characteristics when tested in accordance with AS1530 Part 3.

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

## Moisture absorption

In the event of Pink® Partition 22 insulation becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® Partition 22 insulation 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 are slightly alkaline ph9 (neutral is ph7). They will not promote or accelerate the corrosion of steel or galvanised steel studs provided they are protected from external contamination.

## Maximum service temperature

Pink® Partition 22 insulation have a maximum service temperature of 340˚C.

## Specification notes

State the following:

- Product name - Pink® Partition 22 insulation
- Material R-value required
- Joist or stud spacing
- Area involved.

NON-COMBUSTIBLE

made from recycled materials

The production of environmentally sustainable FBS-1 Glasswool Bio-Soluble Insulation® utilises approximately 80% recycled waste glass.

✓Low Allergen

Low Allergen content with the ability to moderate temperature changes.

FBS-1 GLASS WOOL BIO-SOLUBLE INSULATION

Fletcher Insulation® glasswool products are manufactured from FBS-1 Glasswool Bio-Soluble Insulation®. FBS-1 Glasswool Bio-Soluble Insulation® is not classified as hazardous according to the criteria of the Australian Safety and Compensation Council (formerly NOHSC), Approved Criteria for Classifying Hazardous Substances (NOHSC: 1008) 3rd Edition. Fletcher Insulation® glasswool is classified as safe to use, refer to our MSDS.

made™ and proud of it

For further information call **1300 65 44 44**
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Fletcher® Insulation

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TDS110 Revision 1 Issue Date 07.12.2012 / FI_0143_001111_18