Technical Data Sheet

Pink® Partition 32

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 32 insulation (32kg/m³) are the superior commercial partition product made from high density, resilient glasswool. Pink® Partition 32 insulation are an ideal alternative to rockwool for steel framed wall cavities and between floors for use as sound absorbing materials for multi-residential and other applications. Pink® Partition 32 insulation are also ideal for use in architectural acoustic applications such as partitions, screens and baffles. They are designed to provide optimum performance solutions to 'problem' acoustic applications, particularly when dealing with low frequency sounds. Pink® Partition 32 insulation also provides excellent thermal performance.

Pink® Partition 32 insulation features a Next Generation formula that provides a softer feel for more comfortable handling.

Physical characteristics

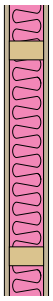
Nominal thickness mm	Nominal R-value m² k/w	Product code	Batt size (mm)	Pieces per pack	Area per pack m²
50	R1.5	903650	1200 x 450	12	6.5
		903652	1200 x 600	12	8.6
75	R2.2	903670	1200 x 450	10	5.4
		903672	1200 x 600	10	7.2
90	R2.7	903690	1200 x 450	8	4.3
		903692	1200 x 600	8	5.8
100	R3.0	903600	1200 x 450	6	3.2
		903694	1200 x 600	8	5.8

Product must be installed in accordance to manufacturer instructions - refer to back of pack or www.insulation.com.au for details.

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

Pink® Partition 32 insulation comply with the Energy Efficiency provisions of the BCA for all types of thermal insulation to be certified by a NATA accredited organisation.

Rw 43 Tested wall system



CSIRO acoustic testing laboratory has confirmed that the wall system consisting of 90mm timber stud at 600mm centres with one layer of 10mm standard plasterboard on each side and 90mm Pink® Partition 32 insulation infill will achieve an Rw43. The same wall system without insulation achieved Rw34, representing a 9dB decrease in noise transmission with Pink® Partition 32 insulation.

Using Insul Sound insulation prediction software, Fletcher Insulation® is able to rapidly compare the noise transmission loss for different types of wall construction including concrete, brick, hebel, timber and steel with various types of wall linings and insulation infill to find out the optimum acoustic performance.

AS1530.1 Test for combustibility of materials

Testing conducted by CSIRO in accordance with AS1530 Part 1 concluded that Pink® Partition 32 insulation are non-combustible.

The Building Code of Australia (BCA) deemed to satisfy provisions require walls important to the structural integrity of commercial buildings to be constructed wholly of materials that are noncombustible. 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 32 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.

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ZERO OZONE DEPLETING POTENTIAL

Fletcher® Insulation

We safely deliver extraordinary value to our customers

AS1530.3 Early fire hazard properties of materials

Pink® Partition 32 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 32 insulation becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® Partition 32 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 32 insulation have a maximum service temperature of 340˚C.

Specification notes

State the following:

- Product name - Pink® Partition 32 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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