Pink® Partition 14

Commercial thermal and acoustic partition insulation

NEXT GENERATION FORMULA

Now with a softer feel for more comfortable handling

Product description and typical applications

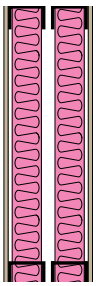
Pink® Partition 14 insulation (14kg/m³) are made from lightweight, flexible and resilient glasswool. They are specially designed to be free standing for quick installation in steel stud framing for commercial and residential buildings. Pink® Partition 14 insulation are designed to give assurance of effective sound absorption and for reducing noise transfer between rooms. They are a quality solution to achieving high acoustic performance for steel framed partition walls and as a ceiling overlay.

Pink® Partition 14 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	Size (mm)	Pieces per pack	Area per pack m²
50	R1.3	903515	1200 x 450	24	13.0
		903516	2700 x 450	24	29.2
		903517	1200 x 600	24	17.3
		903518	2700 x 600	16	25.9
75	R1.9	903715	1200 x 450	16	8.6
		903716	2700 x 450	18	21.9
		903717	1200 x 600	16	11.5
		903718	2700 x 600	12	19.4
90	R2.2	903915	1200 x 450	14	7.6
		903916	2700 x 450	15	18.2
		903917	1200 x 600	10	7.2
		903918	2700 x 600	10	16.2

Rw + Ctr 52 Tested wall system



Two rows of 75mm Pink® Partition 14 insulation in a 76mm double steel stud wall system with a minimum 20mm gap between studs and one layer of 16mm fire-rated plasterboard each side, complies with the Building Code of Australia (BCA) requirement for walls between residential units to achieve a minimum Rw + Ctr 50.

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.

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

Pink® Partition 14 insulation comply with the Energy Efficiency provisions of the BCA for all types of thermal insulation to be certified by a NATA accredited organisation.

Green Star compliant

The Green Building Council of Australia (GBCA) strongly recommends third party validation of insulation products environmental merit by GECA - Good Environmental Choice Australia (www.gbca.org.au). GECA scientific research is based on function and overall environmental and human health in conformance to ISO14024. GECA certification provides a clear, credible guide to products that are sustainable and improve the quality of the environment.

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.

Quality Management • ISO 9001

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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 14 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 14 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 14 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 14 insulation becoming wet, they should be dried prior to installation to obtain maximum performance and prevent damage to other building elements. Pink® Partition 14 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 14 insulation have a maximum service temperature of 340˚C.

Specification notes

State the following:

- Product name - Pink® Partition 14 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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