

Non-combustible acoustic insulation solutions
for commercial interiors

Pink[®] Partition

For use in commercial partitions and wall systems

Pink® Partition

Specially designed for use in commercial metal framed partitions, wall systems and ceilings, **Pink® Partition** insulation delivers exceptional thermal and acoustic performance, thereby contributing to the effective construction of comfortable, energy efficient commercial buildings. It is used in partition walls of low and high rise multi-residential buildings and commercial fit-out projects such as offices, schools, universities and shopping centres where acoustic control is essential.

Pink® Partition may also be used as a ceiling overlay for enhanced thermal and acoustic performance.

The range encompasses multiple densities, thicknesses and dimensions to suit typical commercial steel framed

studs and to satisfy a broad spectrum of building requirements. Specification and installation of Australian made Pink® Partition insulation enables designers and builders to satisfy National Construction Code (NCC) requirements pertaining to energy efficiency, sound insulation provisions and fire resistance performance. The firm, rigid composition of Pink® Partition insulation allows for friction fitting, thereby reducing installation time and costs. Importantly, the rigidity of Pink® Partition insulation assures users the product will not slump within the cavity. Slumping of insulation creates voids which in turn diminish a building systems overall thermal and acoustic performance.

Key features and benefits

Thermally rated to AS 4859.1	Pivotal in controlling thermal performance properties and contributes to the overall energy efficiency rating of the building.
Superior acoustic properties	Aids in reducing sound transmission in wall systems, creating a more comfortable and healthy work or living space.
Non-combustible	Meets AS 1530.1 avoiding additional fuel loading to a building.
Friction fit to suit commercial steel frame	Saves labour install-time and cost and little-to-no product slumping in the wall space means there are no un-insulated wall cavities.
Made from next generation safe to handle Fibre Bio-Soluble (FBS-1) formulation	Soft to touch and comfortable to handle.
Made in Australia for Australian conditions	Local manufacturing means limited compression to product during transportation.



Product selection

Density kg/m ³	Material R-value m ² K/W	Thickness mm	Width mm	Length mm	Pieces per pack	Coverage per pack m ²	Pieces per bale	Product Code
Pink® Partition 11	R1.2	50	450	1200	32	17.28	5	903442
			600	1200	32	23.04	5	903444
				2700	16	25.92	4	903445
	R1.8	75	450	1200	16	8.64	6	903446
			600	1200	16	11.52	6	903448
				2700		25.92	4	903449
	R2.1	90	450	1200	16	8.64	5	903450
			450	2700	24	29.16	4	903451
			600	1200	16	11.52	5	903452
	R2.5	110	450	1200	16	8.64	5	903458
			600	1200	16	11.52	5	903454
	R3.5	165	450	1200	10	5.4	5	903478
600			1200	10	7.20	5	903463	
Pink® Partition 14	R1.3	50	450	1200	24	12.96	5	903515
			600	1200	24	17.28	5	903517
	R1.9	75	450	1200	16	8.64	5	903715
			450	2700	18	21.87	4	903716
			600	1200	16	11.52	5	903717
			600	2700	12	19.44	4	903718
	R2.2	90	450	1200	14	7.56	5	903915
			450	2700	15	18.23	5	903916
			600	1200	14	10.08	5	903919
	R2.5	100	600	1200	12	8.64	5	903920
Pink® Partition 24	R0.7	25	600	2700	20	32.40	4	901022
	R1.1	38	600	2700	12	19.44	4	901023
	R1.4	50	600	1200	12	8.64	5	903552
			600	2700	12	19.44	4	901024
	R2.1	75	450	1200	10	5.40	4	903553
			600	1200	10	7.20	4	903554
	R2.5	90	450	1200	8	4.32	4	903555
			600	1200	8	5.76	4	903556
R2.8	100	450	1200	6	3.24	4	903557	
		600	1200	6	4.32	4	903558	
Pink® Partition 32	R1.5	50	450	1200	12	6.48	5	903650
			600	1200	12	8.64	5	903652
	R2.2	75	450	1200	10	5.40	4	903670
			600	1200	10	7.20	4	903672
	R2.7	90	450	1200	8	4.32	4	903690
			600	1200	8	5.76	4	903692
R3.0	100	450	1200	6	3.24	4	903600	
		600	1200	6	4.32	4	903694	

Note: 2700mm lengths are supplied as skip-chopped rolls.

Acoustic performance

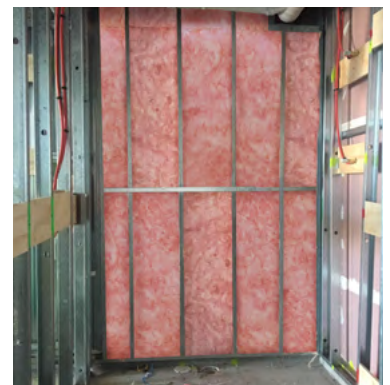
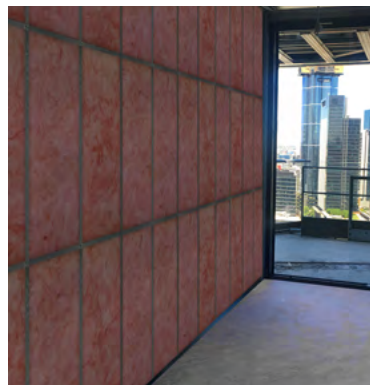
Pink® Partition insulation achieves the following sound absorption coefficients when tested in accordance with AS ISO 354:

Density kg/m ³	Material R-value	Thickness mm	Sound Absorption Coefficients at Frequencies (Hz) of:										NRC	α _w
			100	125	250	500	1000	2000	3150	4000	5000			
11	R1.2	50	0.15	0.16	0.63	0.88	0.98	0.99	1.00	1.01	1.06	0.85	0.85 (H)	
14	R1.3	50	0.14	0.12	0.30	0.86	1.00	1.02	1.02	0.99	1.04	0.85	0.85 (H)	
24	R1.4	50	0.16	0.17	0.69	1.02	1.09	1.03	1.07	1.04	1.06	0.95	0.95	
11	R1.8	75	0.26	0.27	0.91	0.99	1.04	1.00	1.06	1.05	1.11	1.00	1.00	
14	R1.9	75	0.24	0.24	0.91	1.01	1.03	1.00	1.08	1.03	1.06	1.00	1.00	
24	R2.5	90	0.36	0.43	1.16	1.11	1.05	1.07	1.04	1.07	1.06	1.10	1.00	
11	R2.5	110	0.40	0.42	1.08	1.10	1.02	1.09	1.09	1.06	1.06	1.05	1.00	

Fire hazard properties

Pink® Partition insulation achieves the following characteristics when tested in accordance with the following standards:

Property	Test Method/Standard	Result
Combustability	AS 1530.1	Non-combustible
Early Fire Hazard Indices	AS/NZS 1530.3	
Ignitability Index		0
Spread of Flame Index		0
Heat Evolved Index		0
Smoked Developed Index		0-1
BAL Compliance	AS 3959	Low-FZ



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