

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.

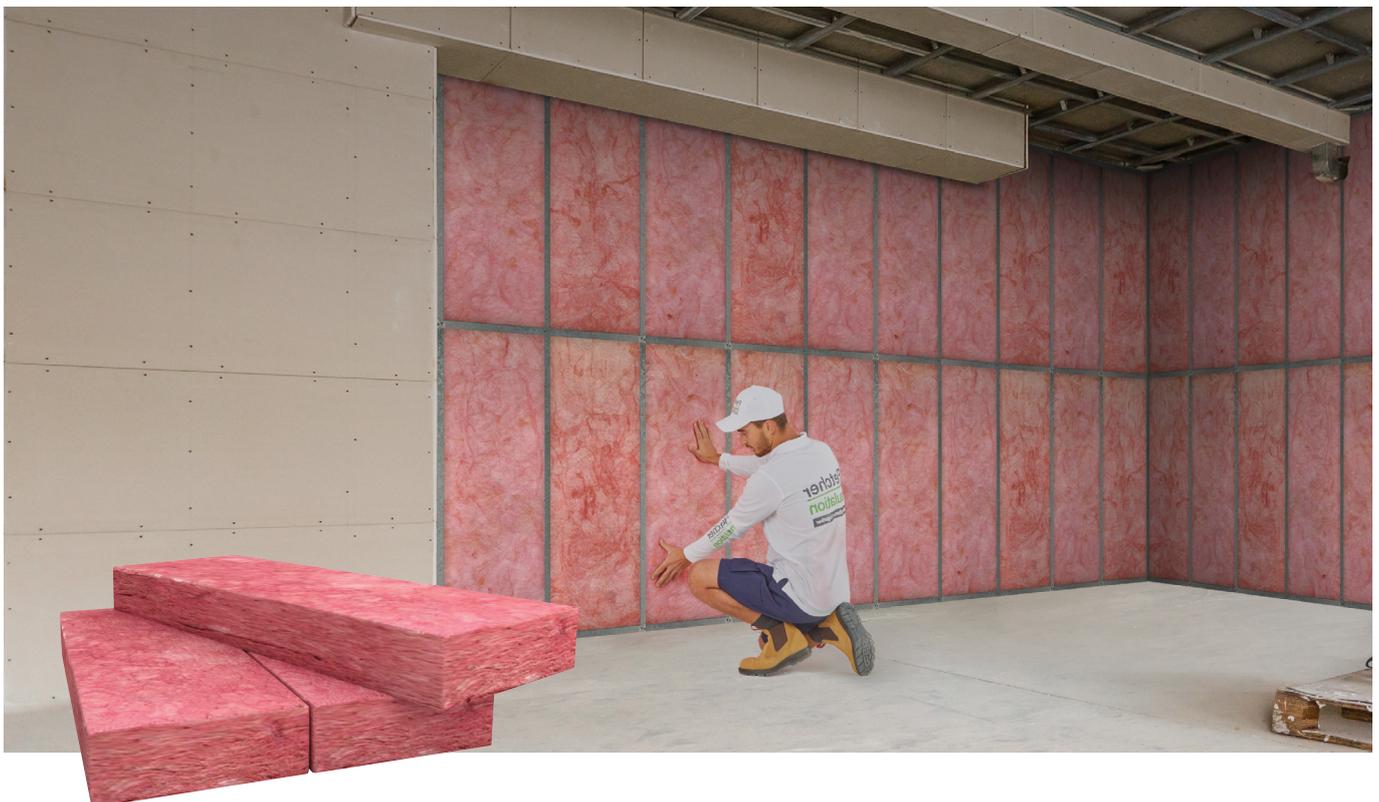
Pink® Partition may also be used as a ceiling overlay for enhanced thermal and acoustic performance.

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 AS4859.1	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 AS1530.1 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
				2700	24	29.16	4	903443
			600	1200	32	23.04	5	903444
				2700	16	25.92	4	903445
	R1.8	75	450	1200	16	8.64	6	903446
				2700	24	29.16	4	903447
			600	1200	16	11.52	6	903448
				2700		25.92	4	903449
	R2.1	90	450	1200	16	8.64	5	903450
				2700	16	25.92	4	903453
			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	600	1200	10	7.20	5	903463
Pink® Partition 14	R1.3	50	450	1200	24	12.96	5	903515
				2700	24	29.16	4	903516
			600	1200	24	17.28	5	903517
				2700	16	25.92	4	903518
	R1.9	75	450	1200	16	8.64	5	903715
				2700	18	21.87	4	903716
			600	1200	16	11.52	5	903717
				2700	12	19.44	4	903718
	R2.2	90	450	1200	14	7.56	5	903915
				2700	15	18.23	5	903916
			600	1200	14	10.08	5	903919
	Pink® Partition 24	R0.7	25	600	2700	20	32.40	4
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
R1.8		64	600	2700	10	16.20	4	901025
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	600	1200	6	4.32	4	903694

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

Acoustic performance

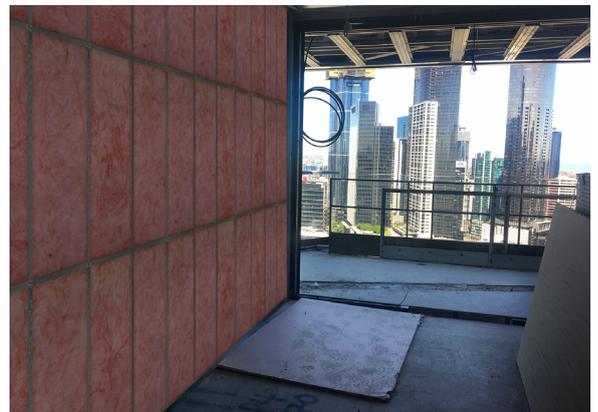
Pink® Partition tested achieve the following sound absorption coefficients when tested in accordance with AS ISO 354.

Density kg/m ³	Material R-value	Thickness mm	Sound Absorption Coefficients at Frequencies (Hz) of:										
			100	125	250	500	1000	2000	3150	4000	5000	NRC	α _w
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	R2.1	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		
Ignitability Index		0
Spread of Flame Index	AS/NZS 1530.3	0
Heat Evolved Index		0
Smoked Developed Index		0-1
BAL Compliance	AS 3959	Low-FZ



Fletcher
Insulation
Building Better, Together

© Fletcher Insulation Pty Limited 2020. The information contained within this bulletin is intended as a guide for information only and is subject to change without notice. Fletcher Insulation does not invite any person to act or rely upon such information. Before application in a particular situation, Fletcher Insulation recommends that you obtain appropriate independent qualified expert advice confirming the suitability of product(s) and information in question for the application proposed. To the extent permitted by law, Fletcher Insulation disclaims all liability (including liability for negligence) for all loss and damage resulting from the direct or indirect use, or reliance on, the information provided in this bulletin. ™ and © are registered trademark of Fletcher Insulation Pty Limited ACN 001 175 355, a member of the Fletcher Building Group. BR031_Revision_0_Issue Date 19112020.

Customer Service Phone
1300 654 444
Email: info@insulation.com.au
www.insulation.com.au