

## Loaded Vinyl Barrier

The flexible way to baffle noise

### Product description and typical applications

Loaded Vinyl Barrier is recommended for reducing noise transmission by providing an effective barrier to transmission. It is a thin, flexible, heavy weight vinyl roll product that has a high mass per unit area. Typically used as a sound curtain, or baffle between the underside of the roof and ceiling in residential or multi-residential buildings, as well as in commercial buildings where noise separation is required.

Loaded Vinyl Barrier is a roll available in three surface densities to provide different reductions in noise transmission. It is an impervious material that is highly flexible, making it suitable for shaping and taping around pipes, in ceiling voids, and wall cavities. It is also an effective material for resisting sound transmission because of its high mass per unit area and limp, damped characteristics.

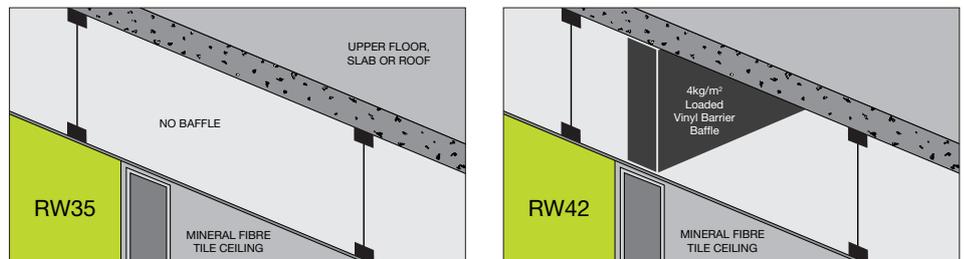
### Physical characteristics

Product/Density (kg/	Thickness (mm)	Roll Size (mm)	m2 per roll
4	2	5m x 1350mm	6.75
6	2.5	5m x 1350mm	6.75
8	3	5m x 1350mm	6.75

### Sound transmission loss

Good privacy between adjacent offices is often required. Loaded Vinyl Barrier provides a simple and effective solution for completing acoustic separation of adjacent spaces when partitions terminate at the underside of a lightweight ceiling.

In these situations, baffles can be installed in the ceiling void to improve the overall acoustic separation of the offices by reducing sound transmission via this pathway. Often plasterboard and other rigid materials are inappropriate where there are numerous other services in the way.



The above diagram shows the overall performance of a partition wall system rated at Rw 42 diminishing to an effective Rw 35 unless ceiling 'cross talk' over the partition is treated. Loaded Vinyl Barrier sound baffles provide a simple and cost effective method of reinstating the design performance of the wall.

### Maximum service temperature

The maximum intermittent service temperature of Loaded Vinyl Barrier is 120° C, maximum recommended service temperature is 80° C.



Low Allergen content with the ability to moderate temperature changes.



Fletcher<sup>®</sup>  
Insulation

We safely deliver extraordinary value to our customers

## AS1530.3 Early fire hazard properties of materials

Loaded Vinyl Barrier exhibits 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

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The maximum intermittent service temperature of Loaded Vinyl Barrier is 120° C, maximum recommended service temperature is 80° C.

## Specification notes

State the following:

- Product name - Fletcher Insulation Loaded Vinyl Barrier
- Density – 4, 6 or 8kg/m<sup>2</sup>.

For further information **1300 65 44 44**

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