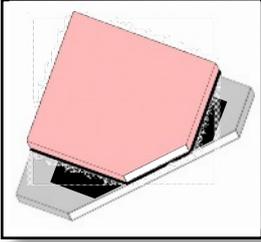
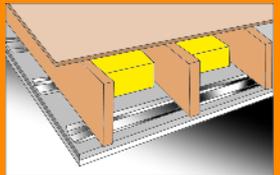
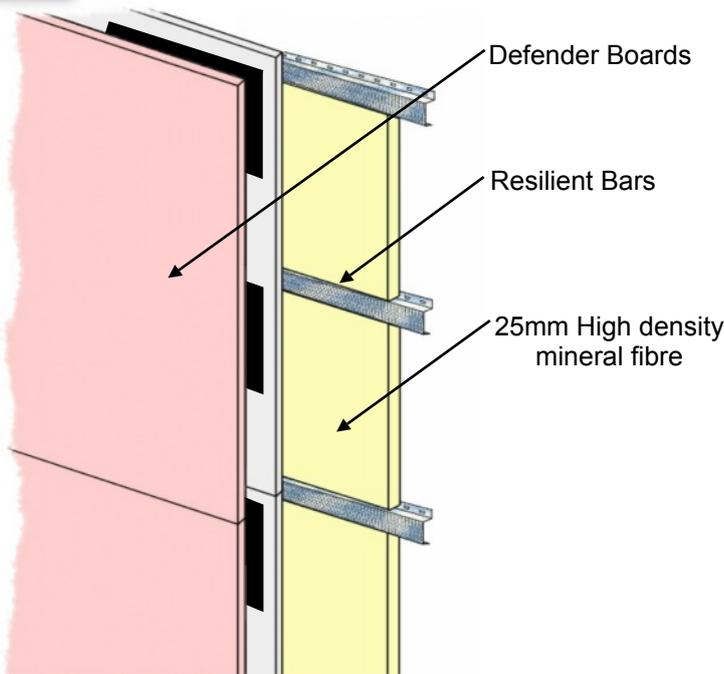


# Trim 'Exclusive' Acoustic Walls & Ceilings Defender Wall System



Defender Acoustic Board System is a high-density lap jointed composite board suitable for masonry or stud walls and ceiling applications, providing a high standard of airborne sound reduction, and can be used to reduce both flanking and direct sound transmission with minimum loss of space. Defender has been tested by the independent NAMAS approved testing house AIRO



Defender's composite design incorporates a polymer modified vibration damping layer for optimum airborne sound reduction, and when installed with Isolation bars and high density mineral fibre provides an effective solution to improving sound insulation through all types of walls. Defender is also suitable for ceiling applications where additional airborne sound reduction is required.

Defender's plasterboard based design make it a easy product to work with, giving fast results and the fitted boards accept a skim plaster finish with no special preparation.

## Dimensions & Weight

	Thickness	Dimensions	Weight
Trim Defender	25mm	900mm x 1800mm	25kg/m <sup>2</sup>

## Acoustic Performance

	System Composition	Airborne DnT,w	Airborne DnT,w +Ctr
Trim Defender Wall	100mm Timber stud & Resilient Bars	58dB	48dB
	System Composition	Airborne Rw	Airborne Rw +Ctr
Trim Defender Wall	70mm Metal stud	56dB	48dB
	70mm M/stud & R/Bars	58dB	49dB
	Brick or Block Walls	52dB	43dB

Defender is also suitable for ceiling applications where additional airborne sound reduction is required.

Although Defender can be fixed over an existing ceiling,

for increased effectiveness the existing ceiling boards should be removed and the ceiling cavity filled with 100mm High density Mineral Fibre. As with wall installations, Heavy Duty Isolation bars are fixed to the joist and Defender boards are mounted on them and finish with a plaster skim.