

## Technical Data Sheet

### Acoustic composite wall board for existing and new walls.

CMS Danskin Acoustics Acoustiwall acoustic wall lining system reduces airborne sound through masonry walls and can be installed directly to the wall without the need for timber battens or resilient bars.

The system is primarily designed for the refurbishment of existing masonry walls where the original walls are to be converted into party or separating walls between dwellings or acoustically upgrading a wall against noisy neighbours.

CMS Danskin Acoustics Acoustiwall is especially useful in areas where space is of a premium in an existing property or where lightweight blocks have been installed in new properties.

CMS Danskin Acoustics Acoustiwall consists of acoustic plasterboard, laminated to a acoustic barrier.

Three options of CMS Danskin Acoustics Acoustiwall are available:

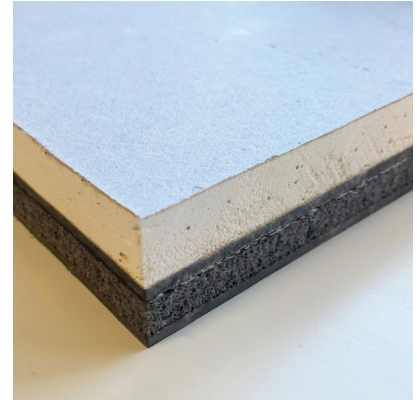
- Acoustiwall 1 - Flat level walls
- Acoustiwall 2 - Walls with slight undulations
- Acoustiwall 3 - Timber stud partitions

### FEATURES and BENEFITS

- Composite board for ease of installation
- Can be installed directly to existing block, brick, or stud walls
- Slim solution for upgrading walls
- 20mm, 24mm or 30mm thick depending upon required performance
- Reduces noises from neighbours, such as TV noise through party walls
- Ready for plaster skim and decoration

### PROPERTIES

	Weight	Dimensions
<b>Acoustiwall 1</b> 15mm acoustic plasterboard, WB10 acoustic barrier	24kg/m <sup>2</sup>	1200mm x 980mm x 20mm
<b>Acoustiwall 2</b> 15mm acoustic plasterboard, WB7.5 acoustic barrier, 6mm closed cell polyolefin foam	21kg/m <sup>2</sup>	1200mm x 980mm x 24mm
<b>Acoustiwall 3</b> 15mm acoustic plasterboard, WB7.5 acoustic barrier, 9mm closed cell polyolefin foam, WB7.5 acoustic barrier	28kg/m <sup>2</sup>	1200mm x 980mm x 30mm

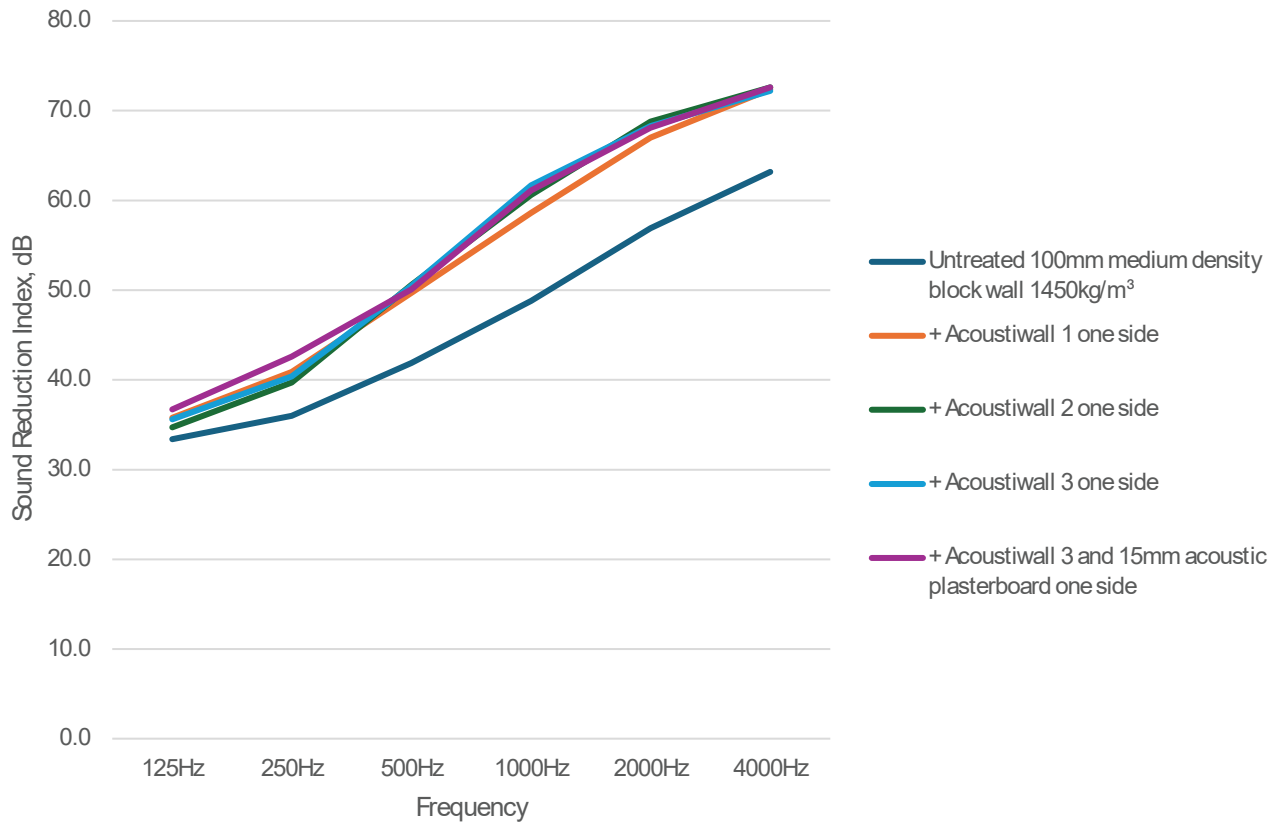


### PRODUCT REFERENCE

Acoustiwall 1  
Acoustiwall 2  
Acoustiwall 3

## ACOUSTIWALL Acoustic tested to BS EN ISO 10140-2:2021

Laboratory Measurement of Sound Reduction Index



Description	Test Cert	Frequency (Hz)						Rw(+Ctr)
		125	250	500	1000	2000	4000	
Untreated 100mm medium density block wall 1450kg/m <sup>3</sup>	17311	33.4	36.0	41.9	48.8	56.9	63.2	43dB
+ Acoustiwall 1 one side	17313	35.8	40.9	49.7	58.6	67.0	72.4	47dB
+ Acoustiwall 2 one side	17314	34.7	39.7	50.6	60.6	68.8	72.6	46dB
+ Acoustiwall 3 one side	17315	35.6	40.4	50.5	61.7	68.3	72.2	47dB
+ Acoustiwall 3 and 15mm acoustic plasterboard one side	17316	36.7	42.6	50.1	61.1	68.1	72.6	49dB