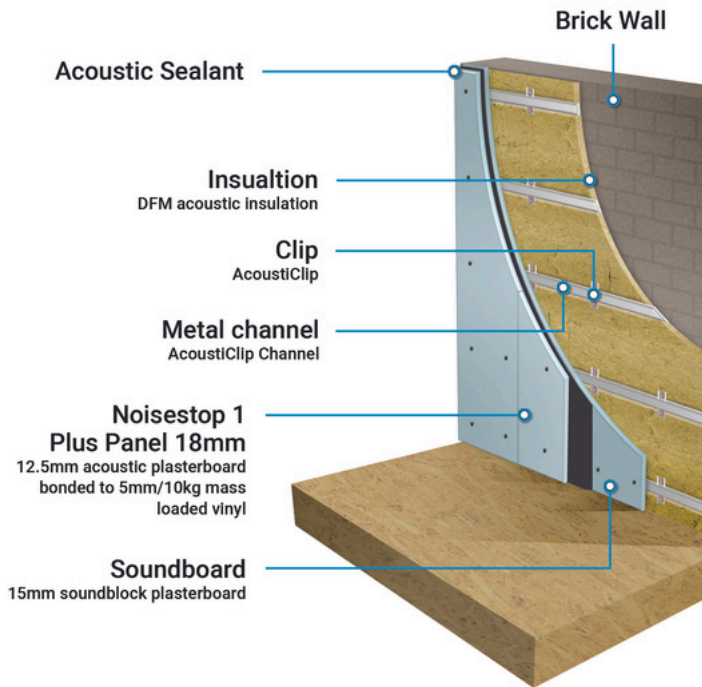


Sound Insulation Test

AcoustiClip Direct to Wall System



Noise Reduction RW 63dB

Mass air resonant frequency = 42Hz

Panel size = 2.7m x 4.0m

Partition surface area mass = 152kg/m²

System Description

- The system applied to a single-skin brick wall
- AcoustiClip and AcoustiChannel
- 25mm/60kg acoustic insulation
- Acoustic plasterboard 15mm
- 18mm Noisestop 1Plus Panel (incorporated 12.5 acoustic p/b and 10kg mass-loaded vinyl)
- Acoustic sealant to the edges and perimeter of the boards

freq.(Hz)	R(dB)	R(dB)
50	24	
63	33	29
80	41	
100	47	
125	52	50
160	57	
200	60	
250	63	62
315	63	
400	54	
500	53	54
630	56	
800	58	
1000	61	60
1250	63	
1600	65	
2000	67	67
2500	68	
3150	69	
4000	87	73
5000	91	

