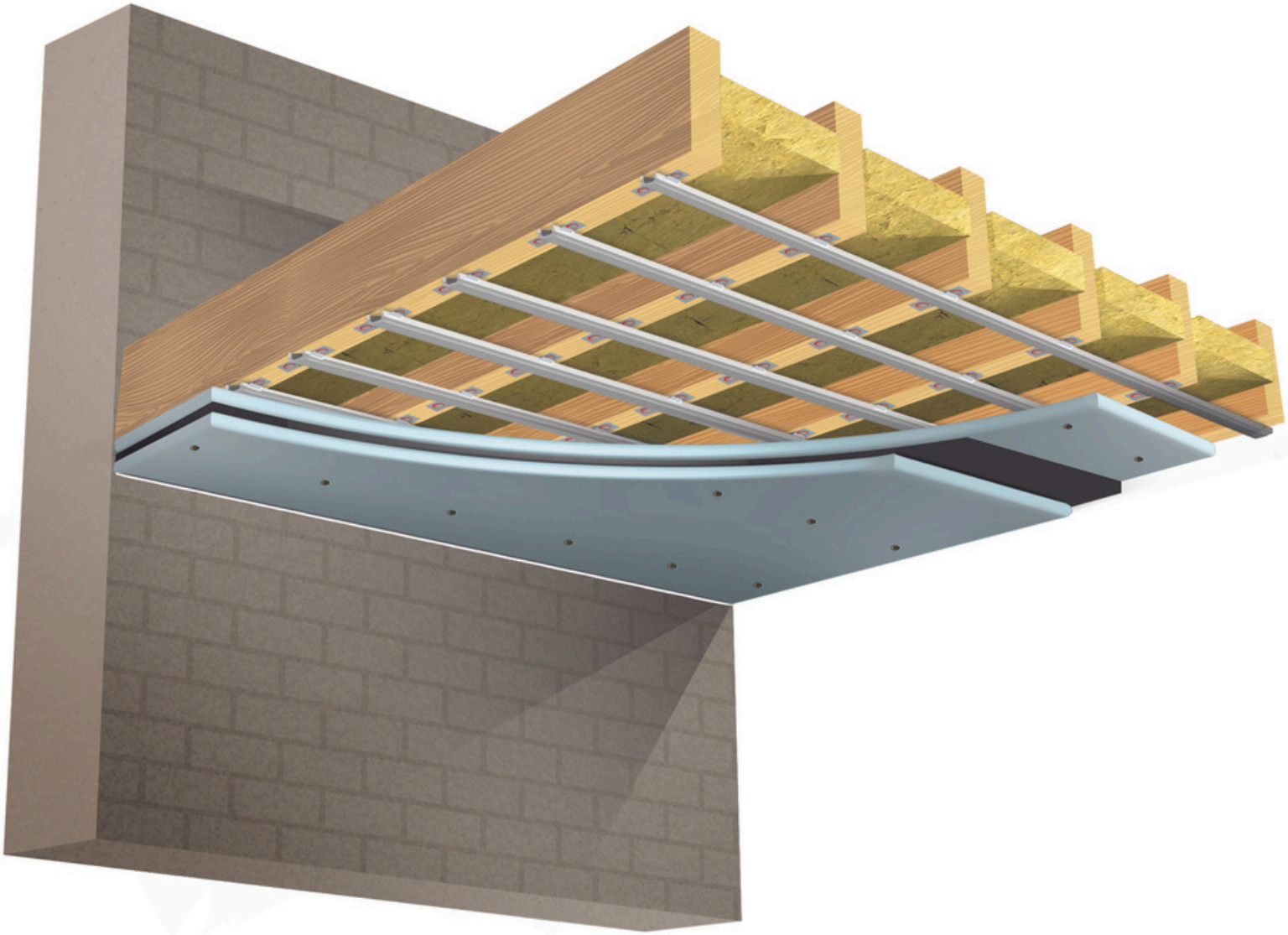


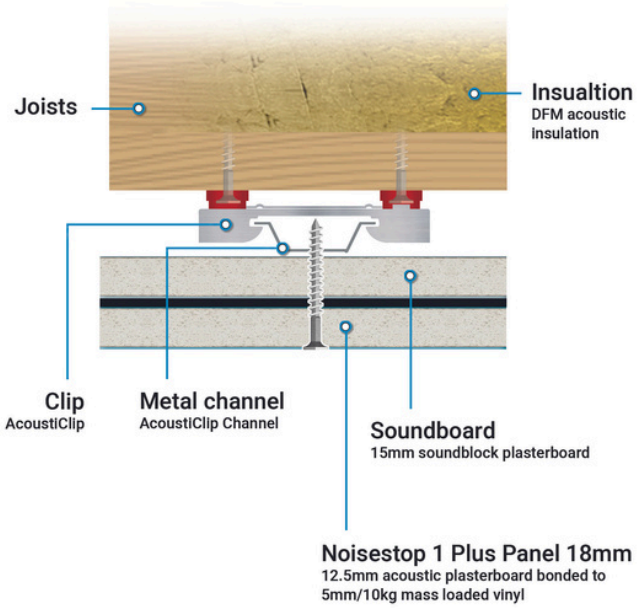
AcoustiClip Timber Ceiling System Performance Data

www.noisestopsystems.co.uk
info@noisestopsystems.co.uk
01423 339163

NOISE STOP SYSTEMS

Sound Insulation Test

AcoustiClip Timber Ceiling System

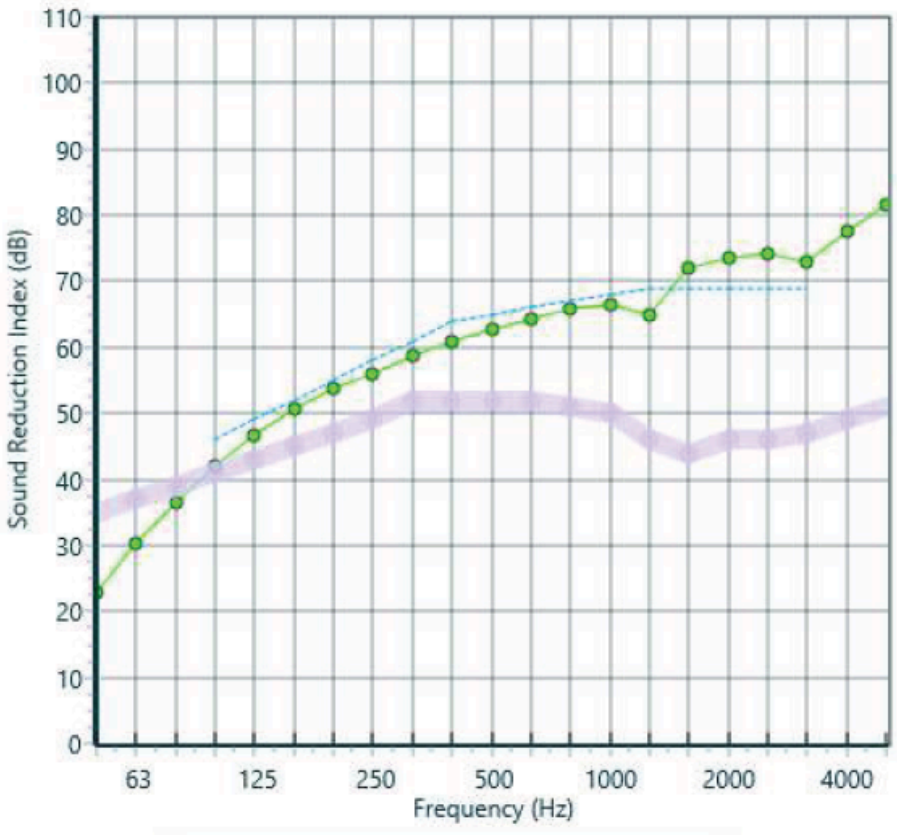


Mass-air-mass resonant frequency = =81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

freq.(Hz)	R(dB)	R(dB)
50	23	
63	30	27
80	37	
100	42	
125	47	45
160	51	
200	54	
250	56	56
315	59	
400	61	
500	63	62
630	64	
800	66	
1000	66	66
1250	65	
1600	72	
2000	74	73
2500	74	
3150	73	
4000	78	76
5000	82	



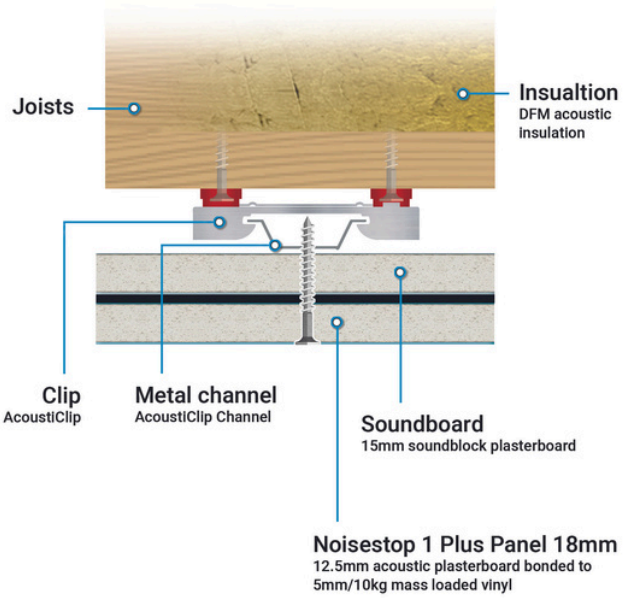
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Airborne Results

Untreated Ceiling DnT,w	Treated Ceiling DnT,w
38dB	64dB

Sound Insulation Test

AcoustiClip Timber Ceiling System

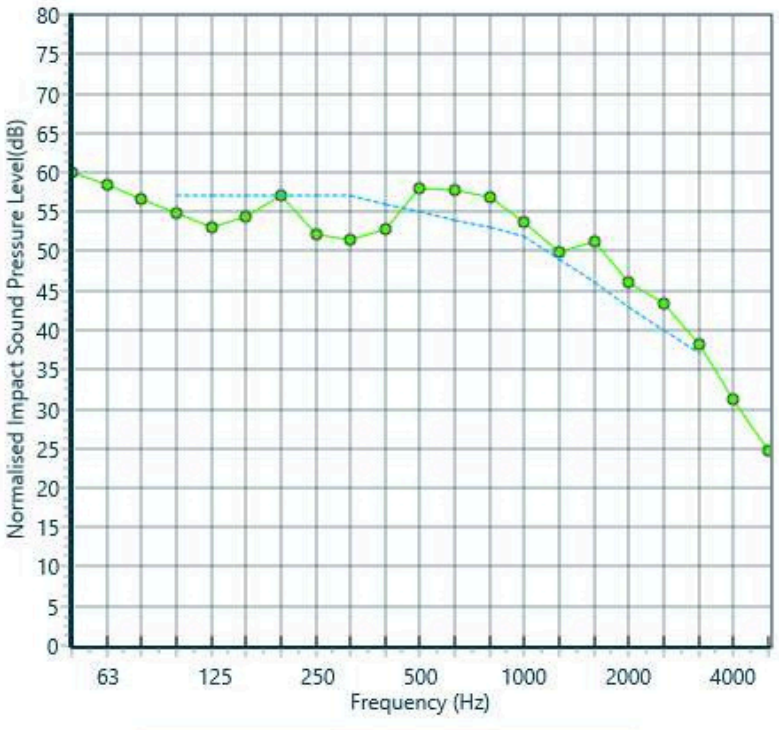


Mass-air-mass resonant frequency = =81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

freq.(Hz)	Ln(dB)	Ln(dB)
50	60	
63	58	63
80	57	
100	55	
125	53	59
160	54	
200	57	
250	52	59
315	52	
400	53	
500	58	62
630	58	
800	57	
1000	54	59
1250	50	
1600	51	
2000	46	53
2500	43	
3150	38	
4000	31	39
5000	25	



The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Impact Results

Untreated Ceiling L'nT,w	Treated Ceiling L'nT,w
80dB	54dB