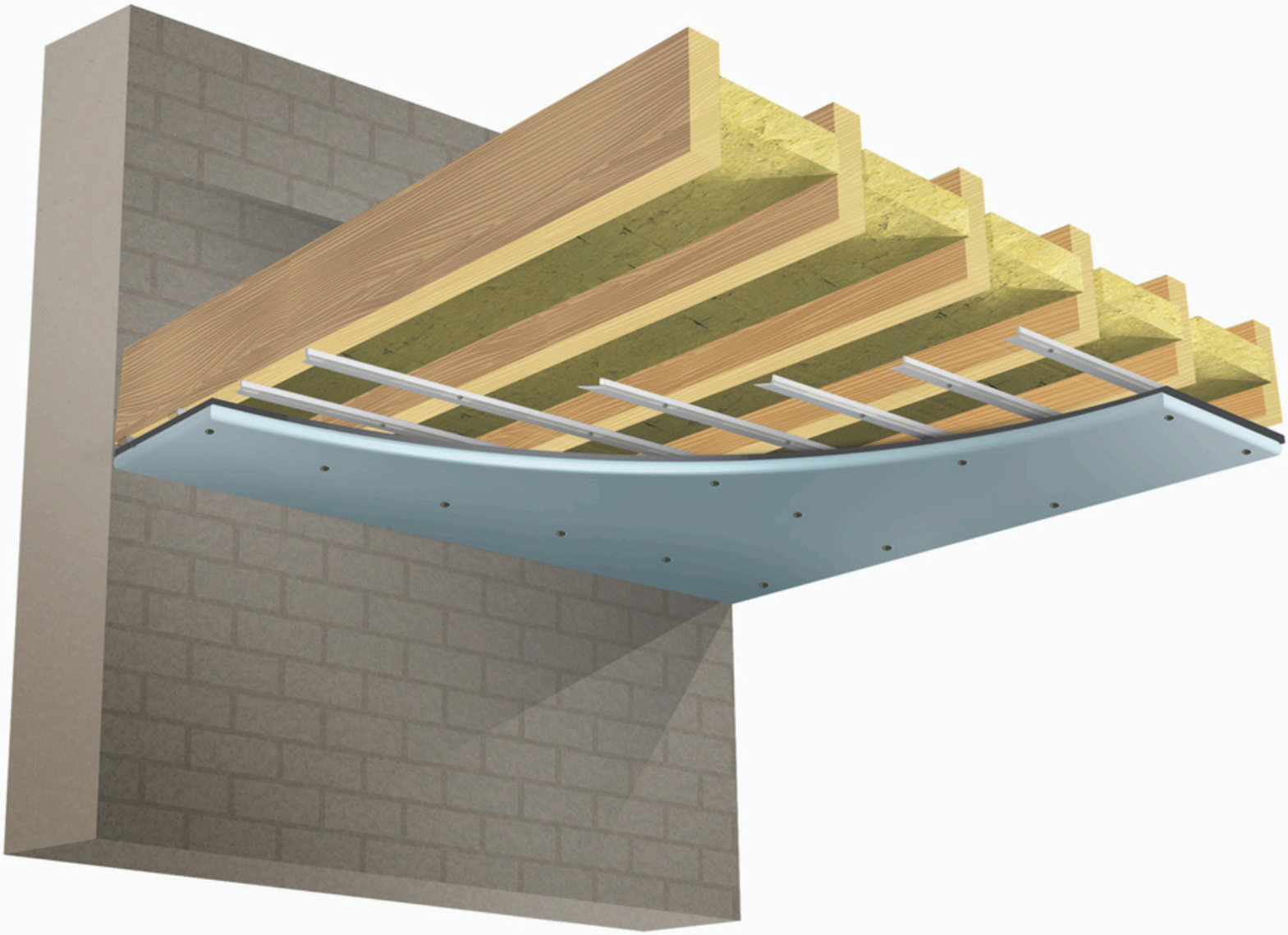


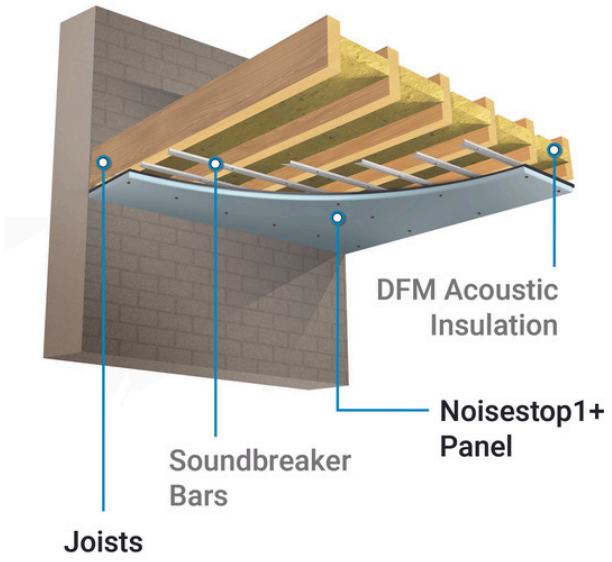
Ceiling System 2
Performance Data

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

NOISE STOP SYSTEMS

Sound Insulation Test

Ceiling System 2

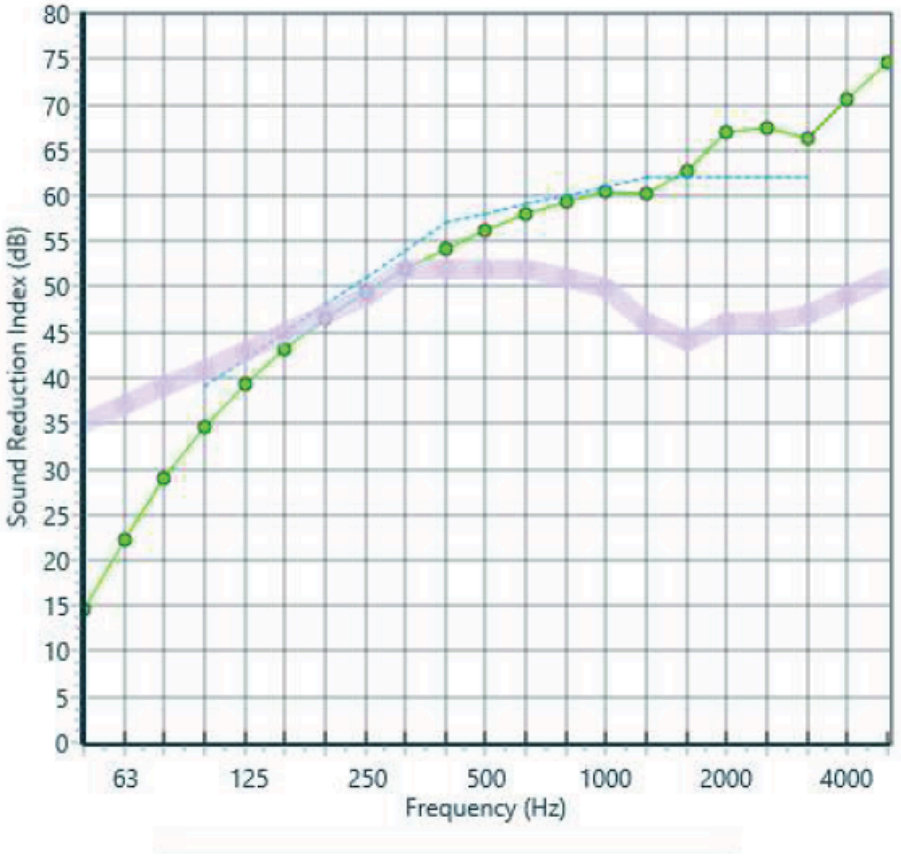


Mass-air-mass resonant frequency = =81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

freq.(Hz)	R(dB)	R(dB)
50	15	
63	22	19
80	29	
100	35	
125	39	38
160	43	
200	47	
250	49	49
315	52	
400	54	
500	56	56
630	58	
800	59	
1000	60	60
1250	60	
1600	63	
2000	67	65
2500	68	
3150	66	
4000	71	69
5000	75	



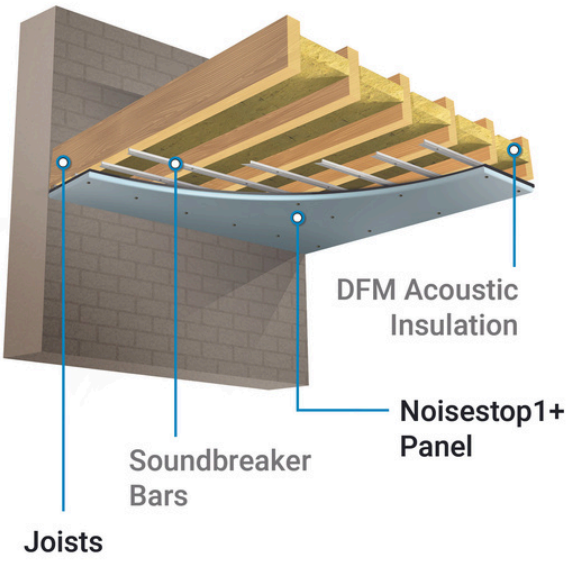
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Airborne Results

Untreated Ceiling DnT,w	Treated Ceiling DnT,w
38dB	58dB

Sound Insulation Test

Ceiling System 2

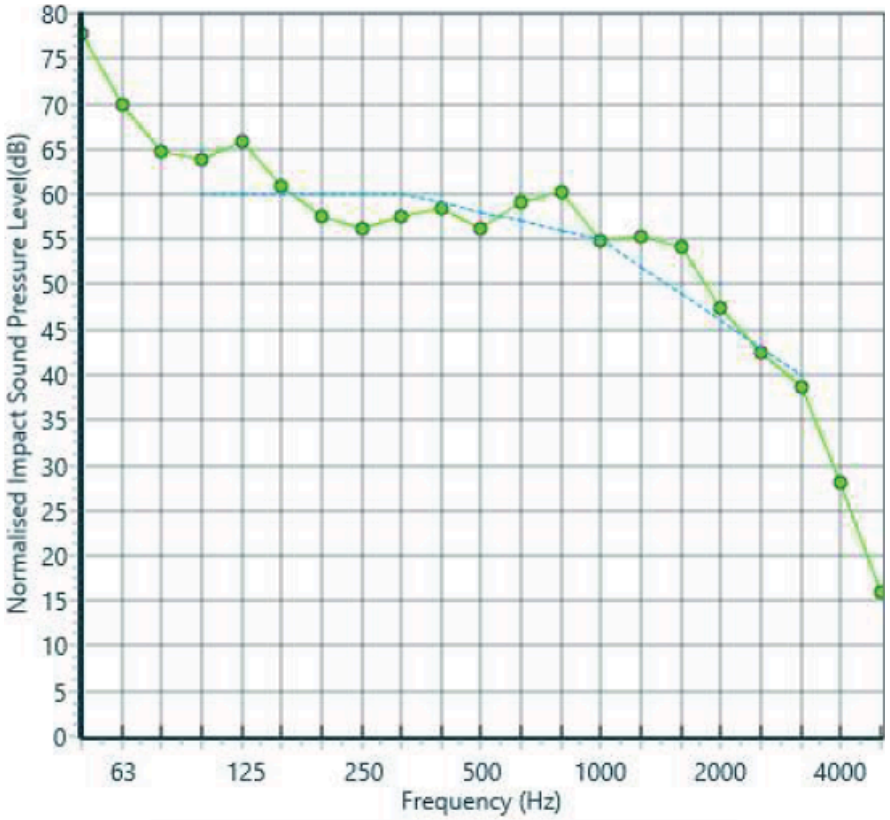


Mass-air-mass resonant frequency = =81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

freq.(Hz)	Ln(dB)	Ln(dB)
50	78	
63	70	79
80	65	
100	64	
125	66	69
160	61	
200	57	
250	56	62
315	57	
400	59	
500	56	63
630	59	
800	60	
1000	55	62
1250	55	
1600	54	
2000	47	55
2500	42	
3150	39	
4000	28	39
5000	16	



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	59dB