

Noisestop F7 Plus

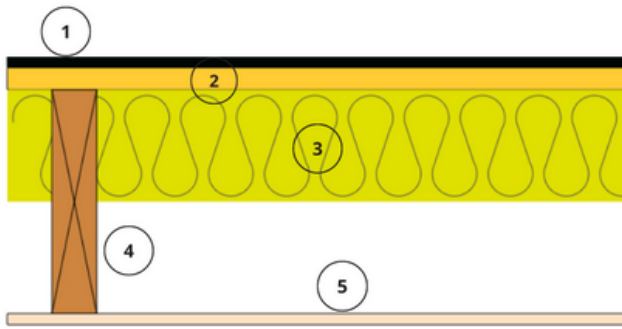
Performance Data

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

NOISE  **STOP**
SYSTEMS

Sound Insulation Test

15mm Acoustic Underlay



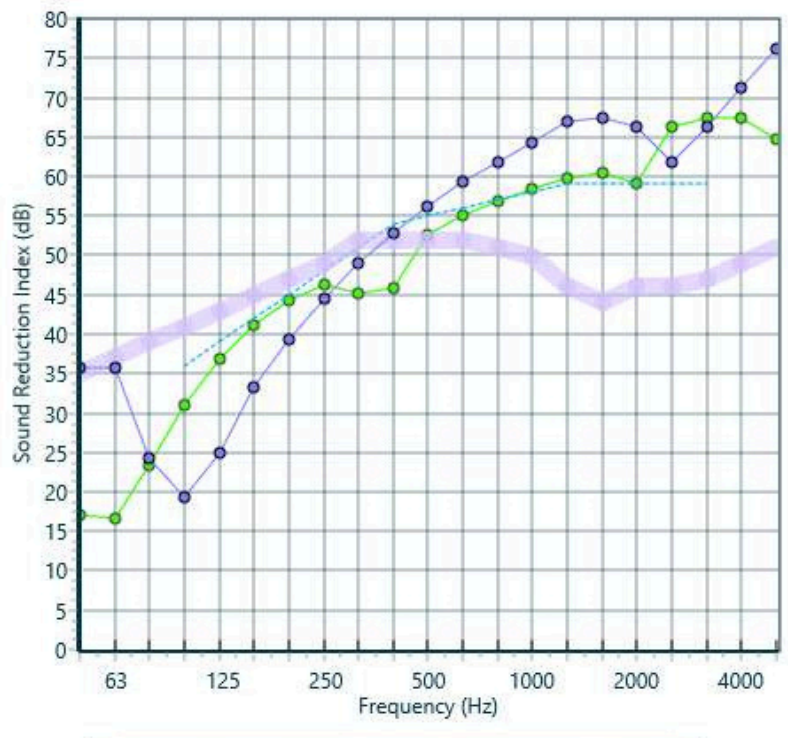
- 1 15mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 100mm Acoustic insulation
- 4 200mm Joist
- 5 10mm plasterboard

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	17	
63	17	18
80	23	
100	31	
125	37	34
160	41	
200	44	
250	46	45
315	45	
400	46	
500	53	49
630	55	
800	57	
1000	58	58
1250	60	
1600	60	
2000	59	61
2500	66	
3150	67	
4000	67	66
5000	65	



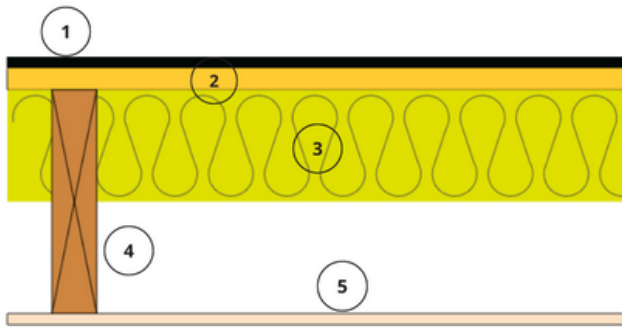
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Airborne Results

Untreated Floor DnT,w	Treated Floor DnT,w
41dB	55dB

Sound Insulation Test

15mm Acoustic Underlay



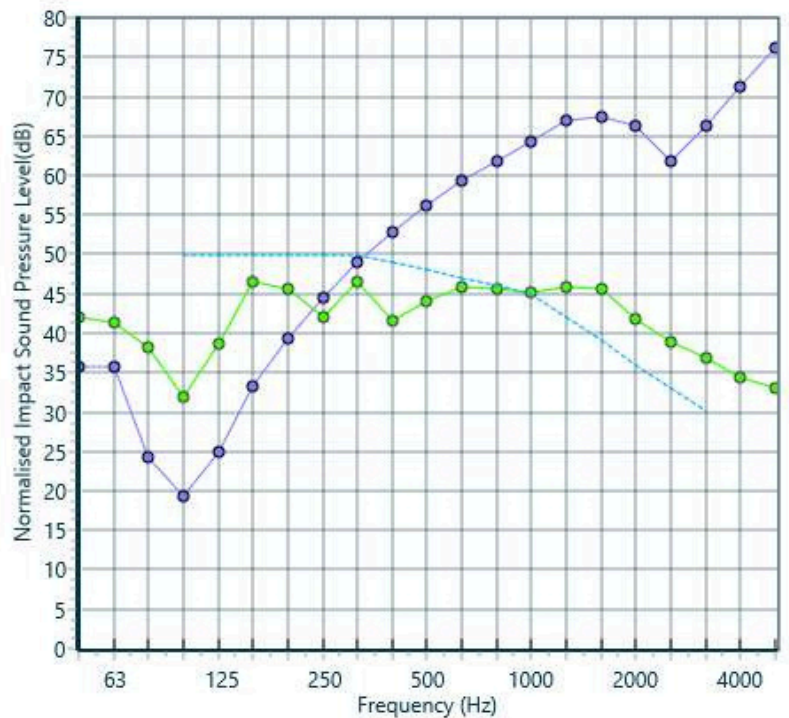
- 1 15mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 100mm Acoustic insulation
- 4 200mm Joist
- 5 10mm plasterboard

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	42	
63	41	46
80	38	
100	32	
125	39	47
160	46	
200	46	
250	42	50
315	46	
400	42	
500	44	49
630	46	
800	46	
1000	45	50
1250	46	
1600	46	
2000	42	48
2500	39	
3150	37	
4000	34	40
5000	33	



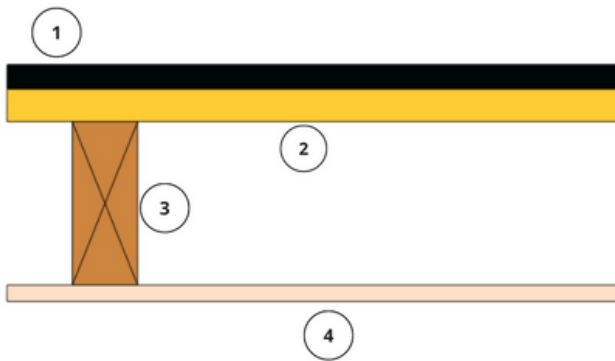
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Impact Results

Untreated Floor L'nT,w	Treated Floor L'nT,w
79 dB	48dB

Sound Insulation Test

15mm Acoustic Underlay



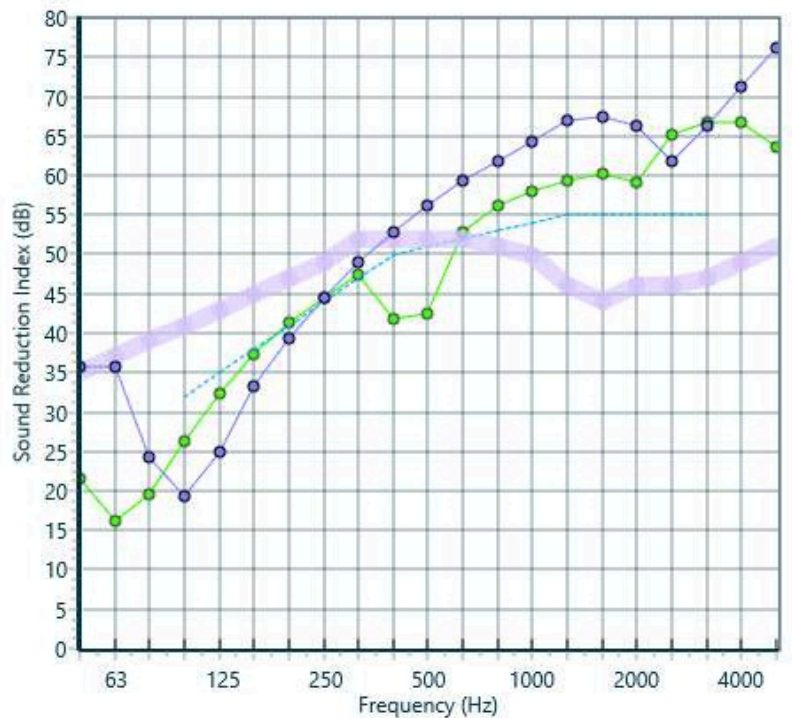
Mass-air-mass resonant frequency = 81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

- 1 15mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 200mm Joist
- 4 10mm Plasterboard

freq.(Hz)	R(dB)	R(dB)
50	22	
63	16	18
80	20	
100	26	
125	32	30
160	37	
200	41	
250	45	44
315	47	
400	42	
500	42	44
630	53	
800	56	
1000	58	58
1250	59	
1600	60	
2000	59	61
2500	65	
3150	67	
4000	67	65
5000	64	



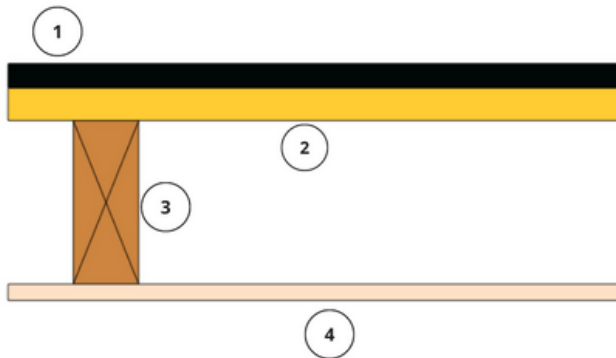
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Airborne Results

Untreated Floor DnT,w	Treated Floor DnT,w
41dB	51dB

Sound Insulation Test

15mm Acoustic Underlay



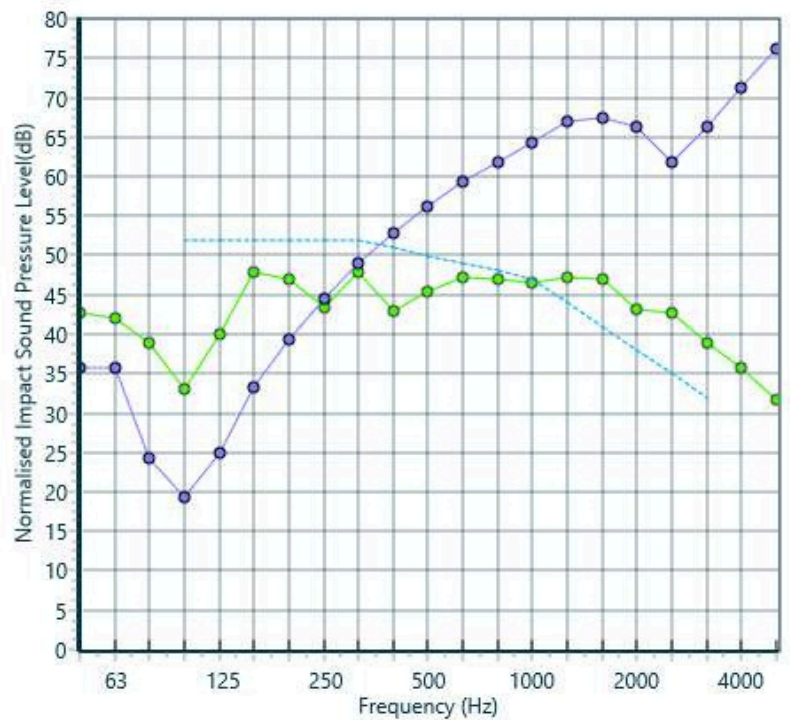
Mass-air-mass resonant frequency = 81 Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m²

- 1 15mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 200mm Joist
- 4 10mm Plasterboard

freq.(Hz)	Ln(dB)	Ln(dB)
50	43	
63	42	46
80	39	
100	33	
125	40	49
160	48	
200	47	
250	43	51
315	48	
400	43	
500	45	50
630	47	
800	47	
1000	46	52
1250	47	
1600	47	
2000	43	49
2500	43	
3150	39	
4000	36	41
5000	32	



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

Impact Results

Untreated Floor L'nT,w	Treated Floor L'nT,w
79 dB	50dB