

# Noisestop F7

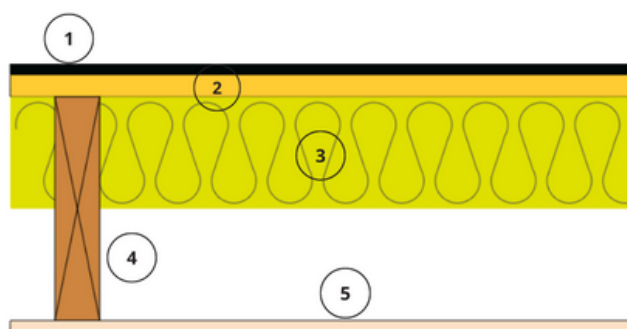
## Performance Data

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[info@noisestopsystems.co.uk](mailto:info@noisestopsystems.co.uk)  
01423 339163

**NOISE**  **STOP**  
SYSTEMS

# Sound Insulation Test

## 9mm Noisestop F7



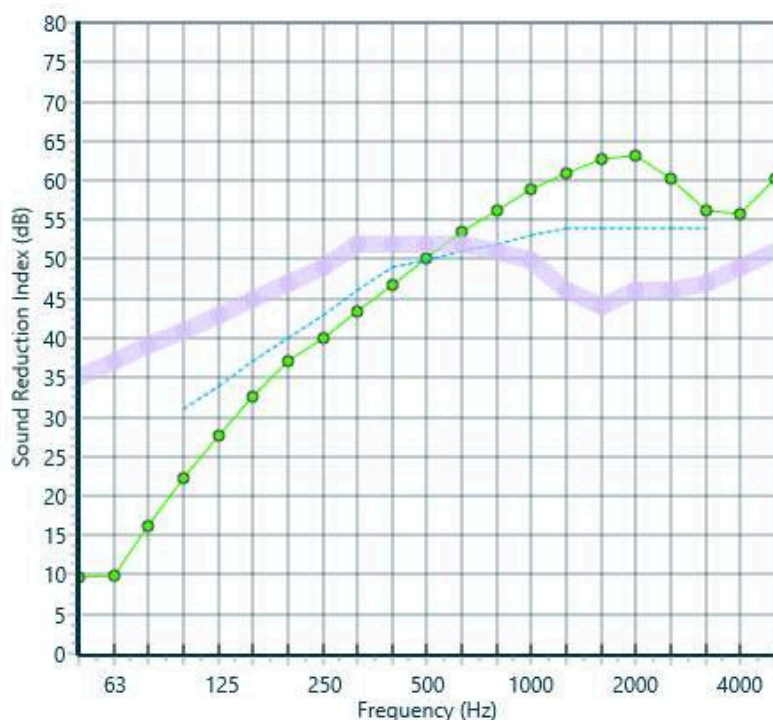
- 1 9mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 100mm Acoustic insulation
- 4 200mm Joist
- 5 10mm plasterboard

Mass-air-mass resonant frequency =  $\approx 81$  Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m<sup>2</sup>

freq.(Hz)	R(dB)	R(dB)
50	10	
63	10	11
80	16	
100	22	
125	28	26
160	33	
200	37	
250	40	39
315	43	
400	47	
500	50	49
630	53	
800	56	
1000	59	58
1250	61	
1600	63	
2000	63	62
2500	60	
3150	56	
4000	56	57
5000	60	



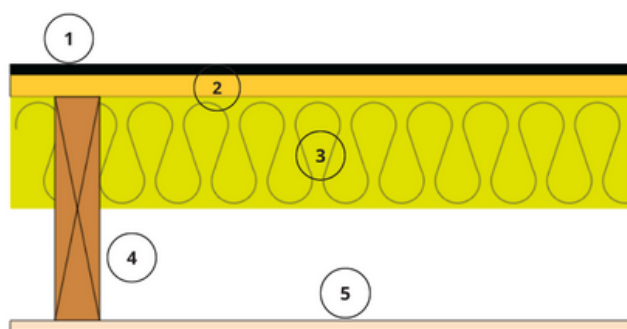
The higher the figure for airborne, the better the performance.  
The lower the figure for impact the better the performance.

## Airborne Results

Untreated Floor DnT,w	Treated Floor DnT,w
41dB	50dB

# Sound Insulation Test

9mm Noisestop F7



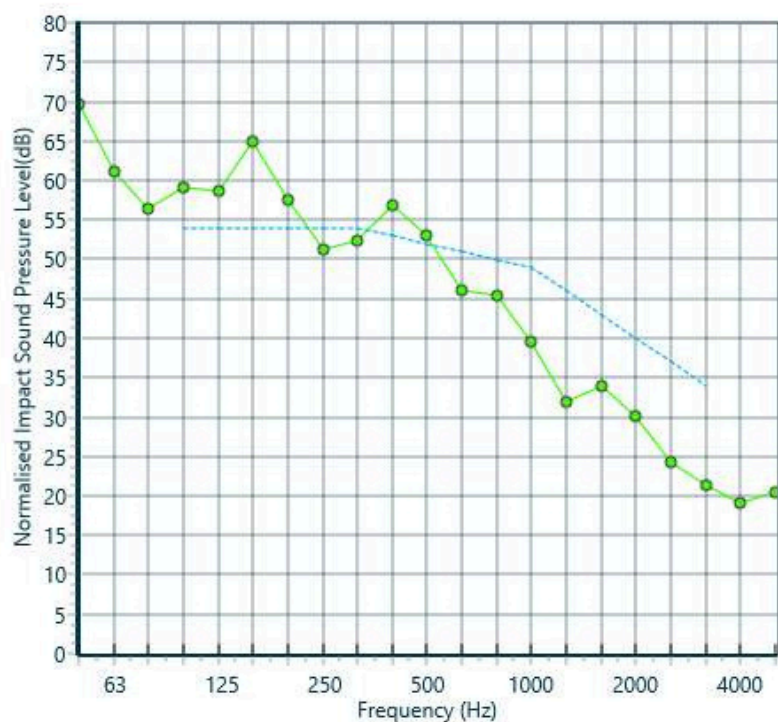
- 1 9mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 100mm Acoustic insulation
- 4 200mm Joist
- 5 10mm plasterboard

Mass-air-mass resonant frequency =  $\approx 81$  Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m<sup>2</sup>

freq.(Hz)	Ln(dB)	Ln(dB)
50	70	
63	61	70
80	56	
100	59	
125	59	67
160	65	
200	57	
250	51	59
315	52	
400	57	
500	53	59
630	46	
800	45	
1000	40	47
1250	32	
1600	34	
2000	30	36
2500	24	
3150	21	
4000	19	25
5000	20	



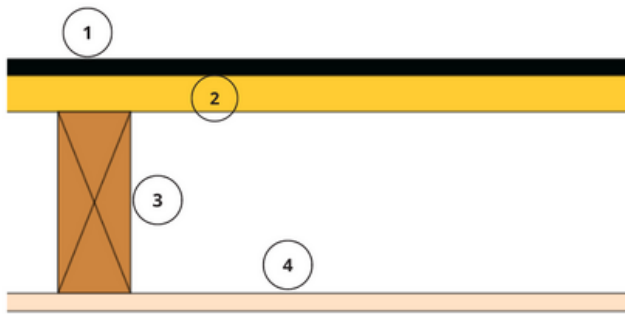
The higher the figure for airborne, the better the performance.  
The lower the figure for impact the better the performance.

## Impact Results

Untreated Floor L'nT,w	Treated Floor L'nT,w
79 dB	52dB

# Sound Insulation Test

9mm Noisestop F7



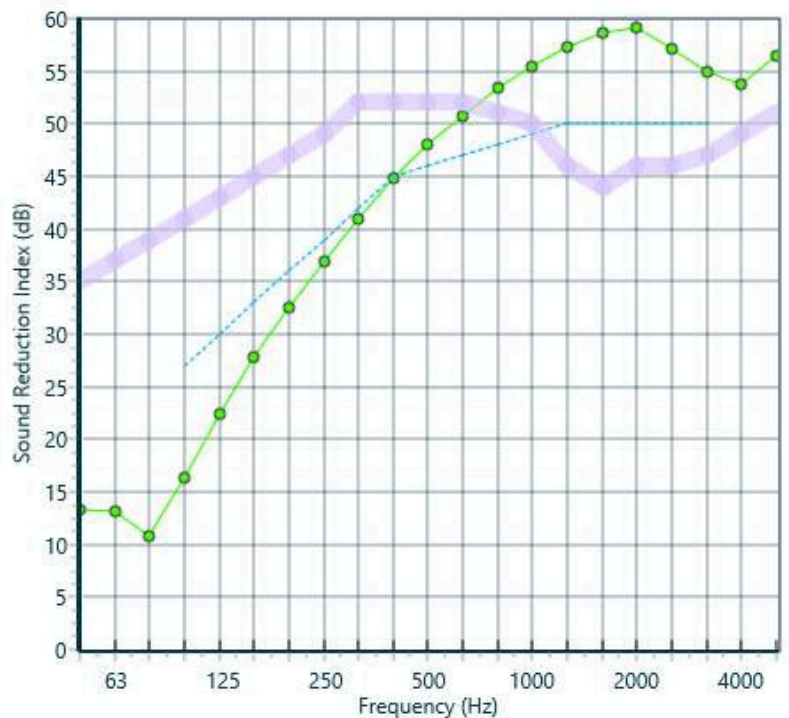
Mass-air-mass resonant frequency =  $\approx 81$  Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m<sup>2</sup>

- 1 9mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 200mm Joist
- 4 10mm plasterboard

freq.(Hz)	R(dB)	R(dB)
50	13	
63	13	12
80	11	
100	16	
125	22	20
160	28	
200	33	
250	37	36
315	41	
400	45	
500	48	47
630	51	
800	53	
1000	55	55
1250	57	
1600	59	
2000	59	58
2500	57	
3150	55	
4000	54	55
5000	57	



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

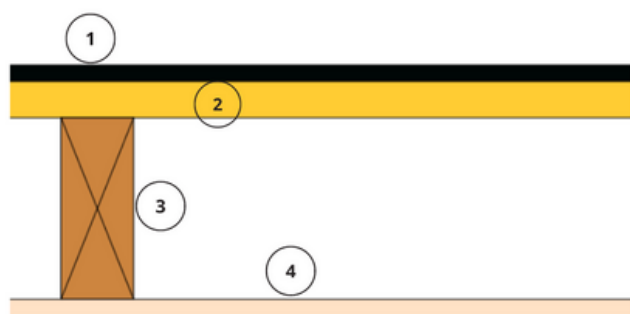
## Airborne Results

Untreated Floor DnT,w	Treated Floor DnT,w
41dB	46dB



# Sound Insulation Test

9mm Noisestop F7



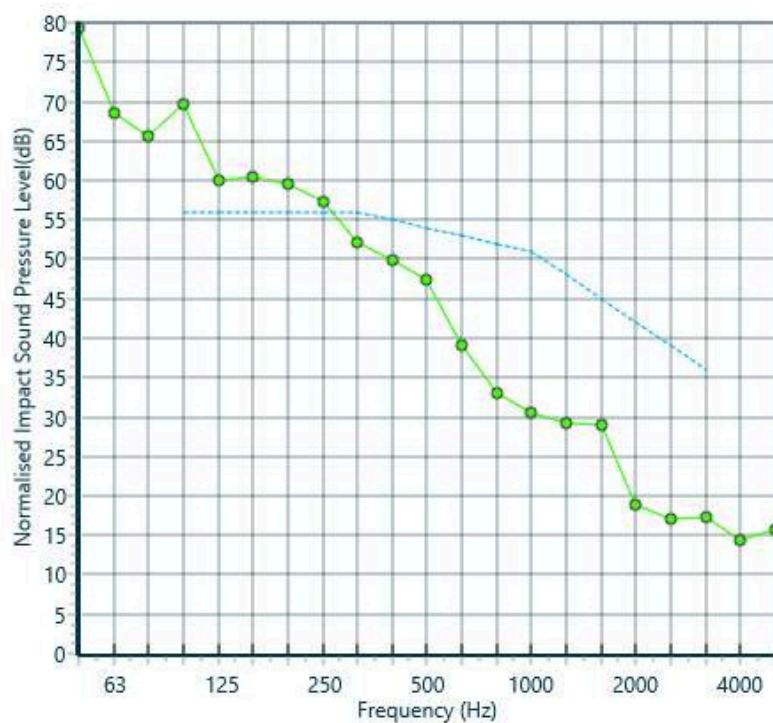
Mass-air-mass resonant frequency =  $\approx 81$  Hz

Panel Size = 2.7 m x 4.0 m

Partition surface mass = 202 kg/m<sup>2</sup>

- 1 9mm Acoustic underlay
- 2 18mm Chipboard floor
- 3 200mm Joist
- 4 10mm plasterboard

freq.(Hz)	Ln(dB)	Ln(dB)
50	79	
63	69	80
80	66	
100	70	
125	60	71
160	61	
200	59	
250	57	62
315	52	
400	50	
500	47	52
630	39	
800	33	
1000	31	36
1250	29	
1600	29	
2000	19	30
2500	17	
3150	17	
4000	14	21
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 Floor L'nT,w	Treated Floor L'nT,w
79 dB	54dB