



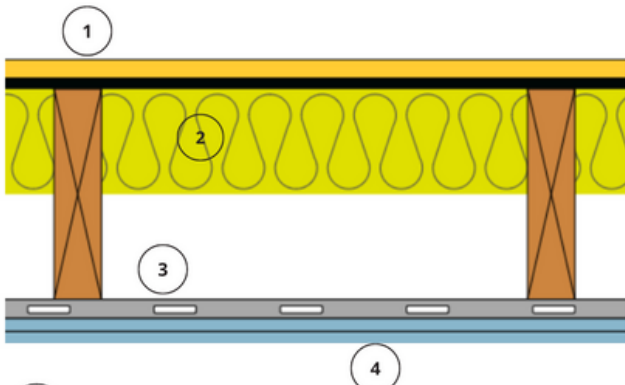
Noisedeck 28 Performance Data

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01423 339163

NOISE  **STOP**
SYSTEMS

Sound Insulation Test

Noisedeck 28



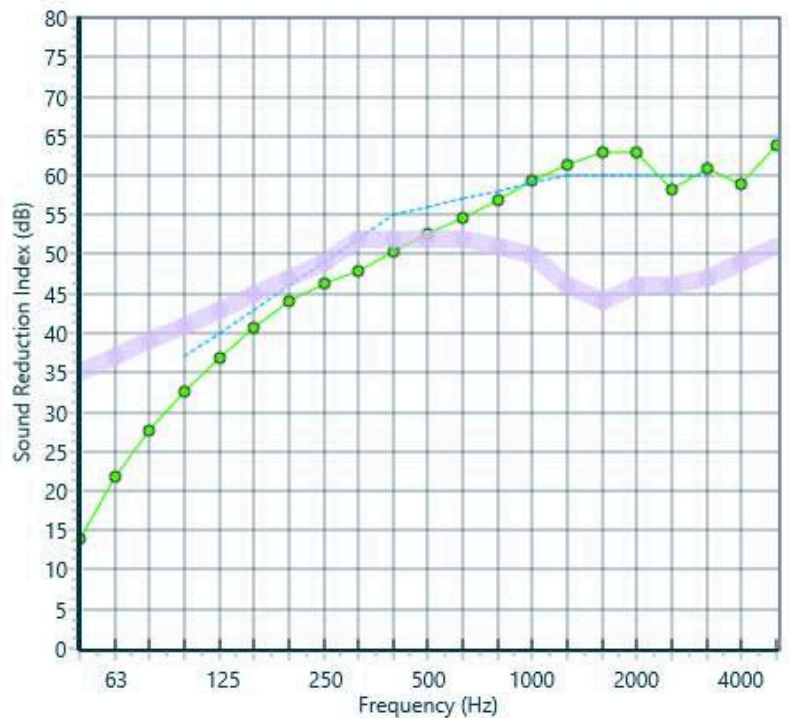
- 1 Noisedeck direct to 200mm joist
- 2 Acoustic insulation 100mm/60kg
- 3 Soundbreaker bars perpendicular to the joist at 400mm centres
- 4 Two layers of 12.5mm acoustic plasterboard

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	14	
63	22	18
80	28	
100	33	
125	37	36
160	41	
200	44	
250	46	46
315	48	
400	50	
500	52	52
630	55	
800	57	
1000	59	59
1250	61	
1600	63	
2000	63	61
2500	58	
3150	61	
4000	59	61
5000	64	



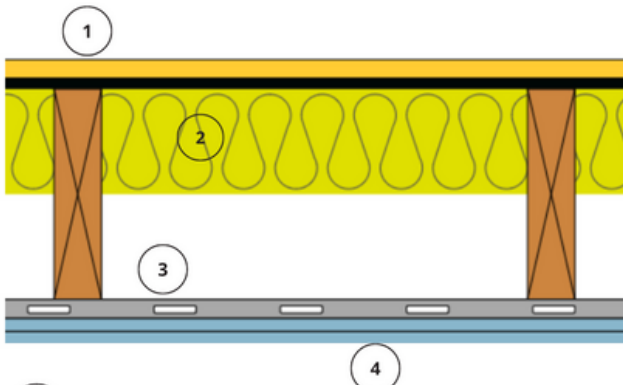
The higher the figure for airborne, the better the performance.
The lower the figure for impact the better the performance.

Airborne Results

Untreated Floor DnT,w	Treated Floor DnT,w
41dB	56dB

Sound Insulation Test

Noisedeck 28



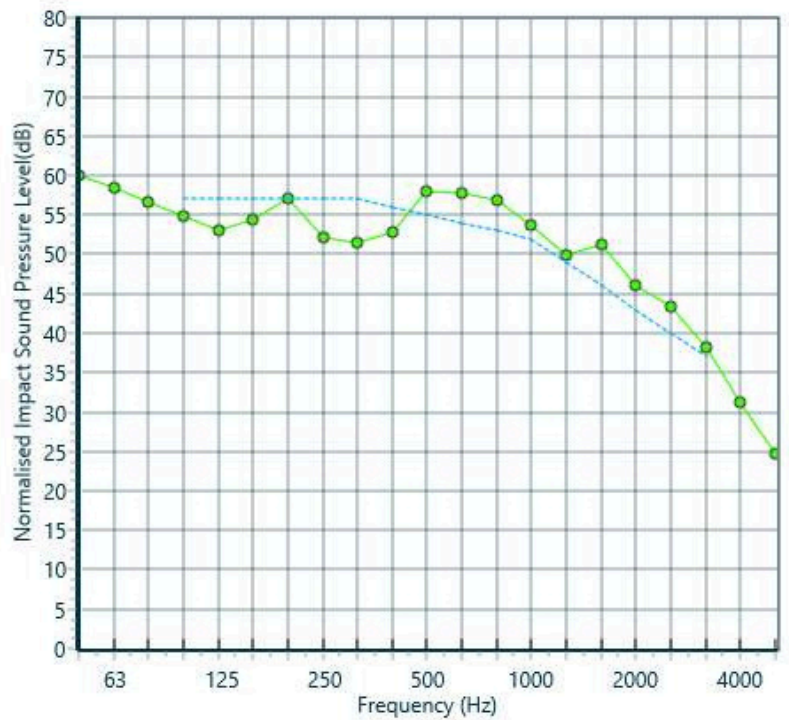
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- 1 Noisedeck direct to 200mm joist
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- 3 Soundbreaker bars perpendicular to the joist at 400mm centres
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freq.(Hz)	Ln(dB)	Ln(dB)
50	60	
63	58	63
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 Floor L'nT,w	Treated Floor L'nT,w
79 dB	55dB