

MuteMat 2 Performance Data

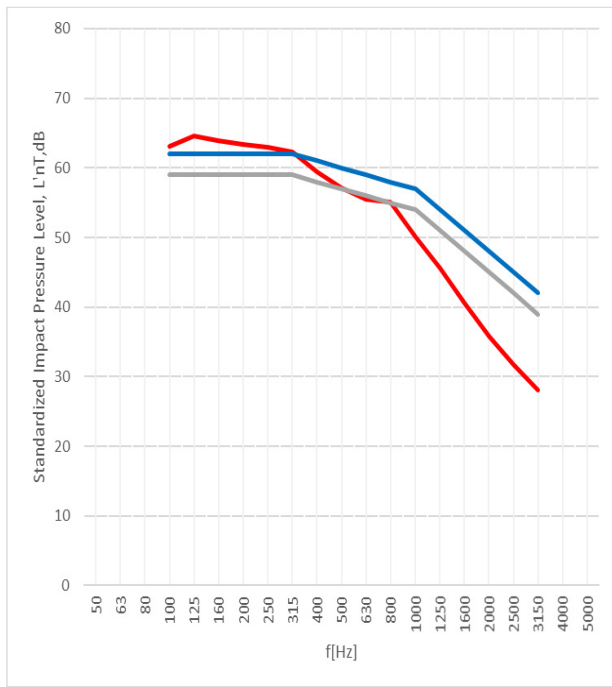
Untreated Floor Impact Results

Standardized Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: >750m³

Floor Build up:

22mm T&G Chipboard	15kg/m ²
300mm x 50mm joists, 400mm centres	N/A
RWA45 100mm Mineral Wool	4.5kg/m ²
19mm Sound Plank	15kg/m ²
15mm Acoustic Board	12.5kg/m ²

Hz	1/3 Octave
50	
63	
80	
100	63.1
125	64.6
160	63.9
200	63.3
250	62.9
315	62.3
400	59.4
500	57.1
630	55.5
800	55.1
1000	50.1
1250	45.6
1600	40.5
2000	35.8
2500	31.8
3150	28.1
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w =57 dB

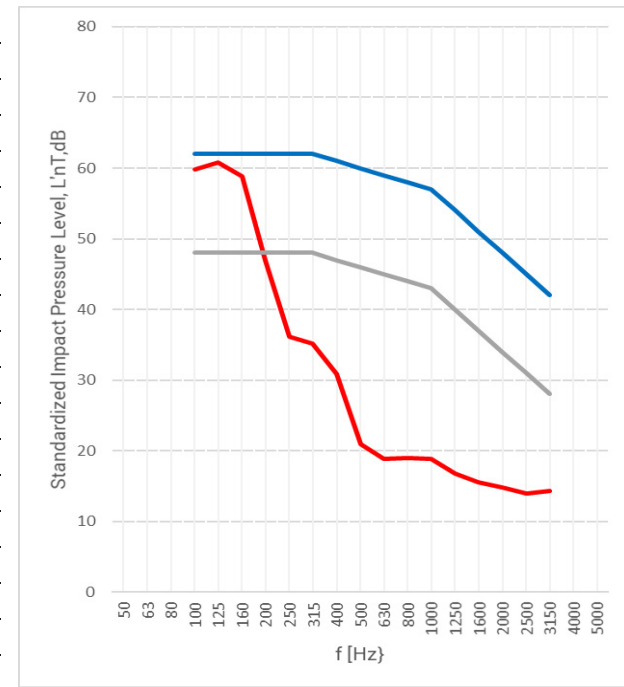
Treated Floor Impact Results

Standardized Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: >750m³

Additional Floor Build up:

MuteMat 2 Loose laid	7.5kg/m ²
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Hz	1/3 Octave
50	
63	
80	
100	59.8
125	60.8
160	58.8
200	46.9
250	36.1
315	35.2
400	30.9
500	21
630	18.9
800	19
1000	18.9
1250	16.8
1600	15.5
2000	14.8
2500	14
3150	14.3
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w =48 dB

MuteMat 2 Performance Data

Treated Floor Impact Results

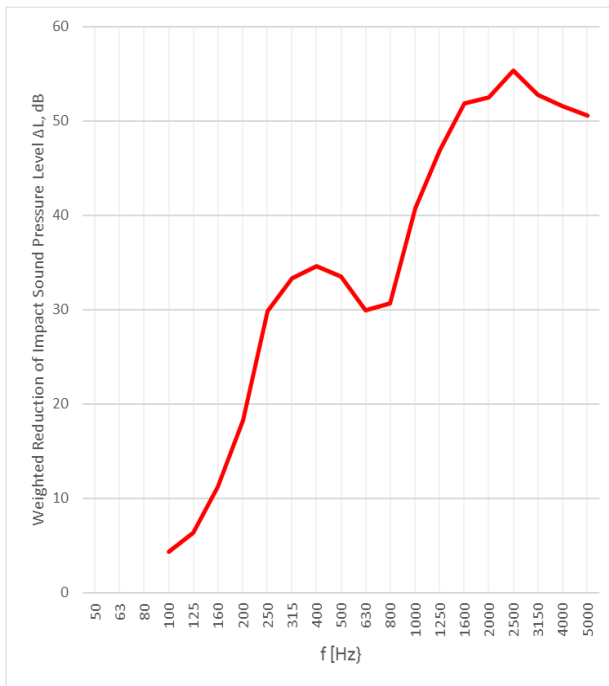
Weighted Standardized Reduction of Impact Sound Pressure Level according to ISO 140-8:1998

Receiving Room Volume: 300m³

Floor Build up:

MuteMat 2 7.5 kg/m²
 140mm Concrete Slab Floor 322 kg/m²

Hz	1/3 Octave
50	
63	
80	
100	4.3
125	6.3
160	11.2
200	18.3
250	29.8
315	33.3
400	34.6
500	33.5
630	29.9
800	30.7
1000	40.8
1250	46.9
1600	51.9
2000	52.5
2500	55.4
3150	52.8
4000	51.6
5000	50.6



Rating in accordance to ISO 140-8:1998

Untreated Floor: $L_{n,w} = 78\text{dB}$
 Treated Floor: $L_{n,w} = 48\text{dB}$
 Impact Reduction: $\Delta L_w = 30\text{dB}$