

MuteMat 2 + Tecsound SY70 Performance Data

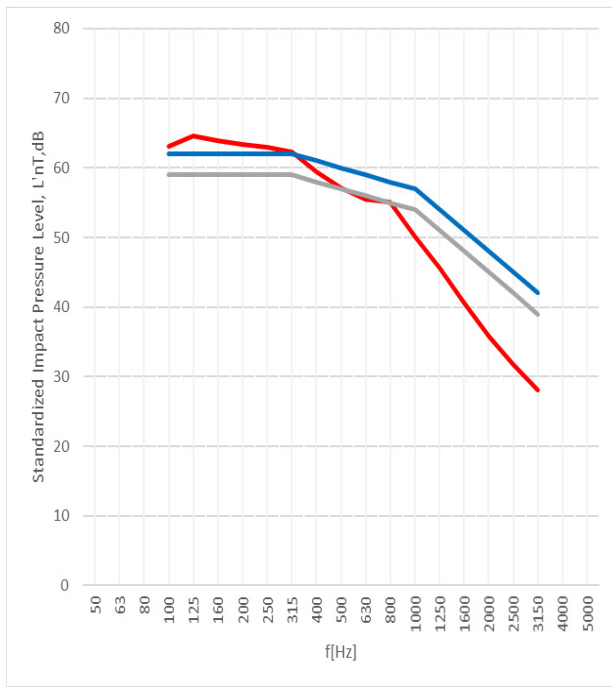
Untreated Floor Impact Results

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

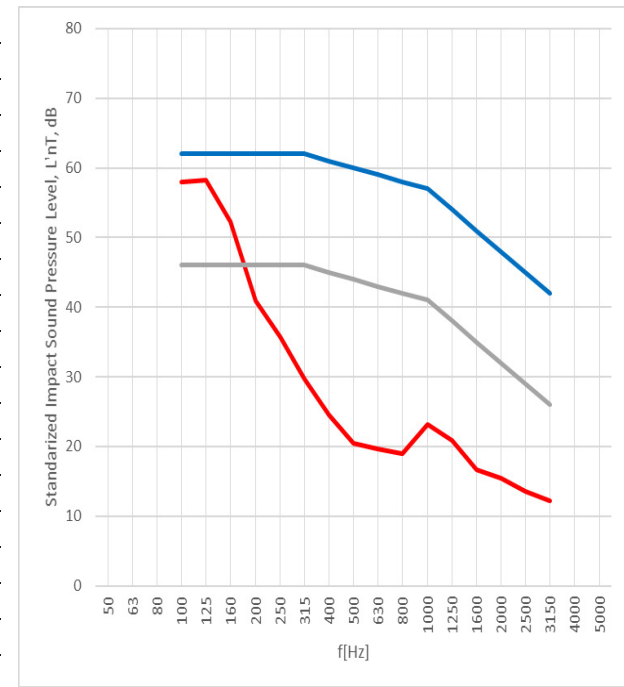
Treated Floor Impact Results

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

Additional Floor Build up:

Tecsound SY70 Adhered to the floor	7kg/m ²
MuteMat 2 Loose laid	7.5kg/m ²

Hz	1/3 Octave
50	
63	
80	
100	58
125	58.2
160	52.3
200	40.9
250	35.7
315	29.7
400	24.5
500	20.4
630	19.7
800	19
1000	23.1
1250	20.9
1600	16.7
2000	15.5
2500	13.6
3150	12.2
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w =44 dB

MuteMat 2 + Tecsound SY70 Performance Data

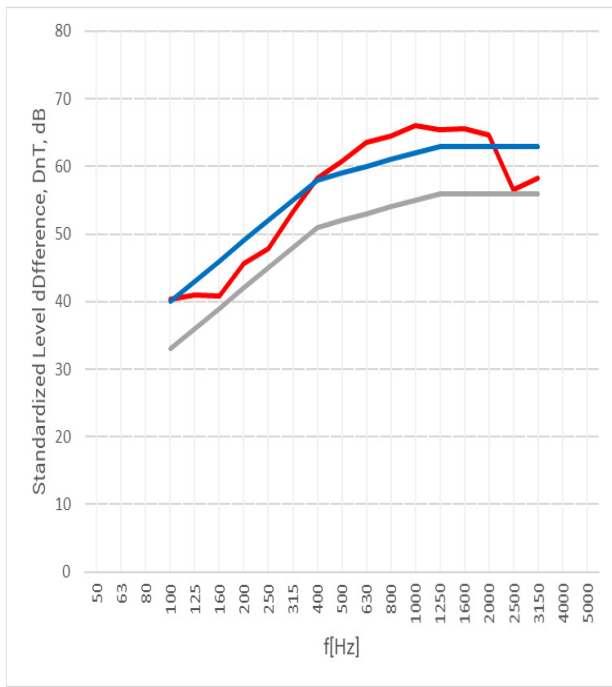
Untreated Floor Airborne Results

Standardized Level Difference according to ISO 717-1
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	40.3
125	40.9
160	40.8
200	45.6
250	47.8
315	53.2
400	58.3
500	60.7
630	63.5
800	64.5
1000	66.1
1250	65.4
1600	65.6
2000	64.7
2500	56.6
3150	58.3
4000	
5000	



Rating in accordance to ISO 717-1

DnT,w (C;Ctr) = 59 (-2;-6) dB

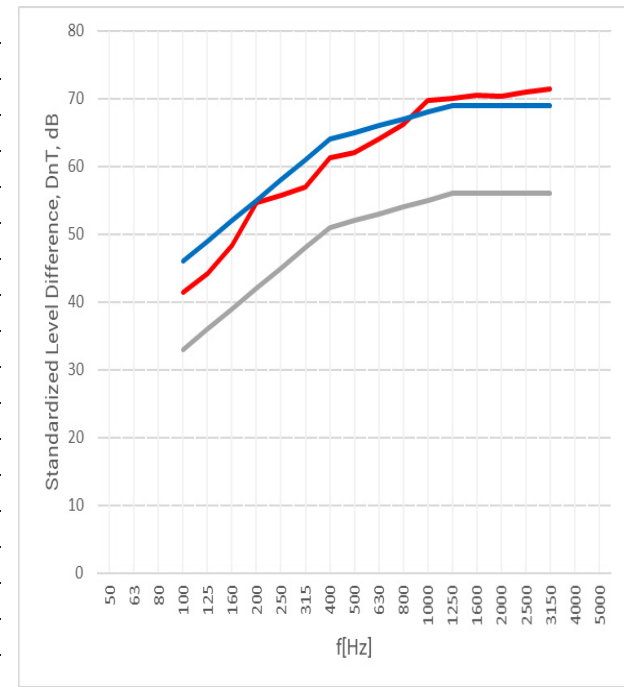
Treated Floor Airborne Results

Standardized Level Difference according to ISO 717-1
Receiving Room Volume: >750m³

Additional Floor Build up:

Tecsound SY70 Adhered to the floor	7kg/m ²
MuteMat 2 Loose laid	7.5kg/m ²

Hz	1/3 Octave
50	
63	
80	
100	41.5
125	44.2
160	48.3
200	54.6
250	55.7
315	57
400	61.3
500	62
630	64
800	66.2
1000	69.8
1250	70.1
1600	70.5
2000	70.3
2500	71
3150	71.4
4000	
5000	



Rating in accordance to ISO 717-1

DnT,w (C;Ctr) = 65 (-2;-7) dB