

MuteMat 3 Performance Data

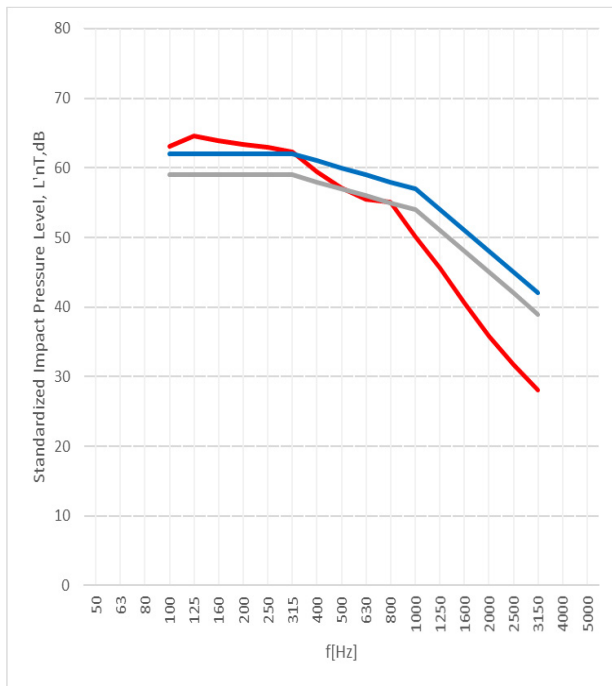
Untreated Floor Impact Results

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

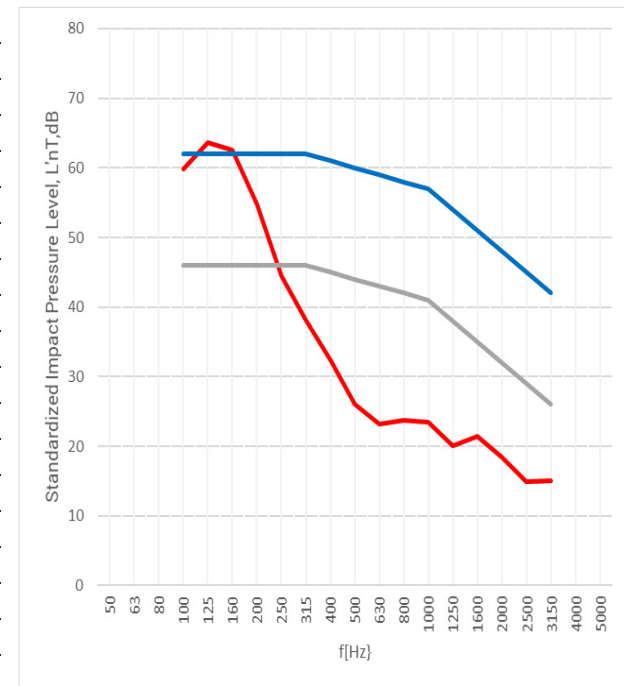
Treated Floor Impact Results

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

Additional Floor Build up:

MuteMat 3 Loose laid	12.5kg/m ²
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Hz	1/3 Octave
50	
63	
80	
100	59.9
125	63.6
160	62.6
200	54.8
250	44.5
315	38.1
400	32.4
500	26.1
630	23.2
800	23.8
1000	23.4
1250	20.1
1600	21.4
2000	18.5
2500	14.9
3150	15.1
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w =47 dB

MuteMat 3 Performance Data

Treated Floor Impact Results

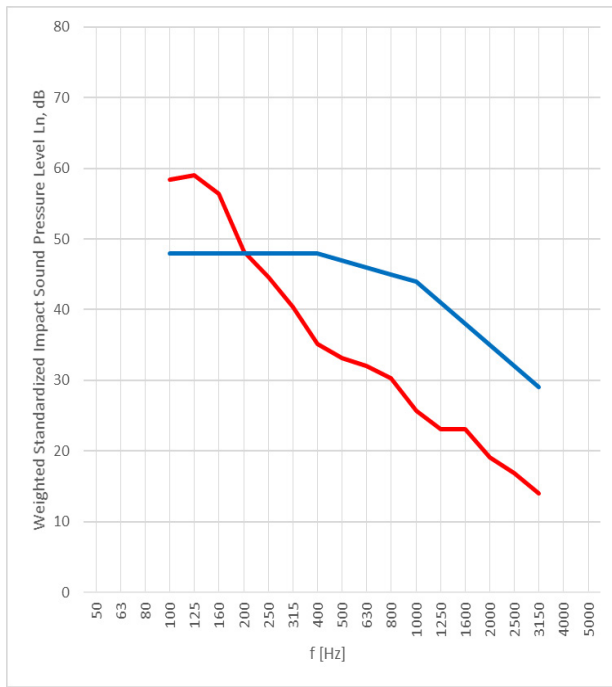
Weighted Standardized Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: 35m³

Floor Build up:

Carpet 8mm
MuteMat 3
18mm T&G Chipboard
225mm x 50mm joists, 400mm centres

RWA45 100mm Mineral Wool 4.5kg/m²
12.5mm Acoustic Board 10kg/m²
12.5mm Acoustic Board 10kg/m²

Hz	1/3 Octave
50	
63	
80	
100	58.4
125	59
160	56.4
200	48.2
250	44.6
315	40.4
400	35.1
500	33.2
630	32
800	30.3
1000	25.7
1250	23.1
1600	23.1
2000	19.1
2500	16.8
3150	14
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w = 46 dB

Treated Floor Airborne Results

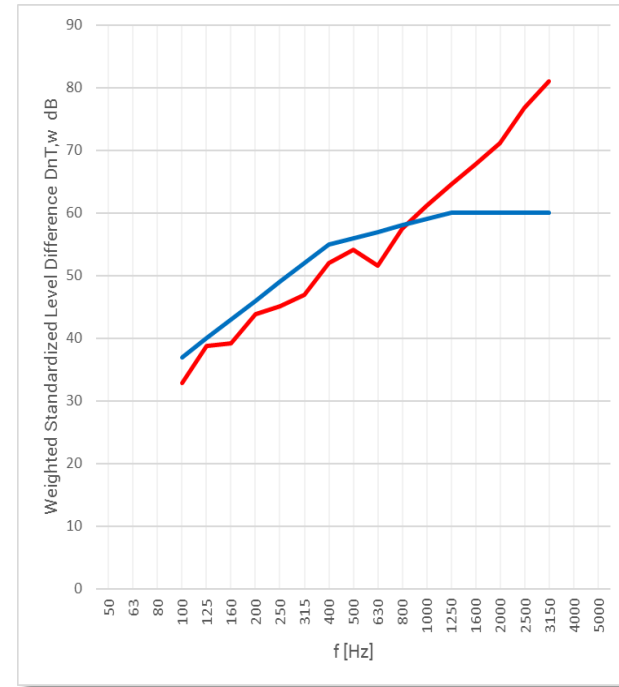
Weighted Standardized Level Difference according to ISO 717-1
Receiving Room Volume: 35m³

Floor Build up:

Carpet 8mm
MuteMat 3
18mm T&G Chipboard
225mm x 50mm joists, 400mm centres

RWA45 100mm Mineral Wool 4.5kg/m²
12.5mm Acoustic Board 10kg/m²
12.5mm Acoustic Board 10kg/m²

Hz	1/3 Octave
50	
63	
80	
100	32.9
125	38.8
160	39.2
200	43.8
250	45.1
315	47
400	52
500	54.1
630	51.6
800	57.5
1000	61.1
1250	64.5
1600	67.8
2000	71.2
2500	76.8
3150	81
4000	
5000	



Rating in accordance to ISO 717-1

DnT,w (C;Ctr) = 56 (-2;-7) dB

MuteMat 3 Performance Data

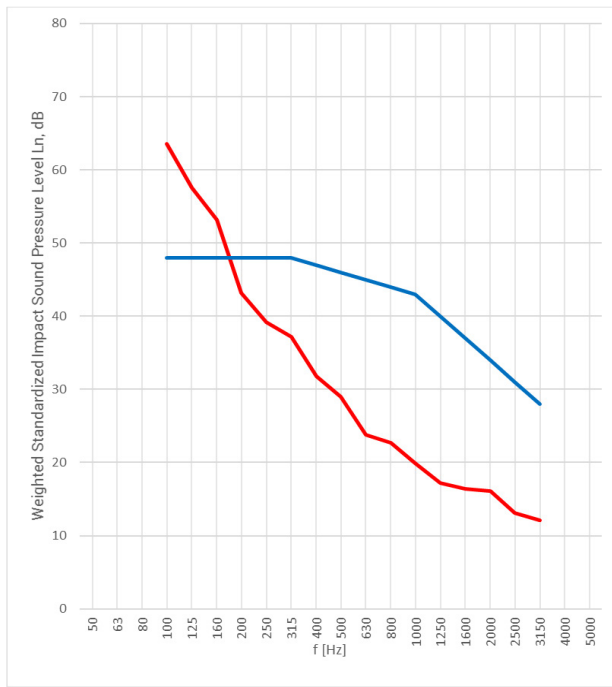
Treated Floor Impact Results

Weighted Standardized Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: 57m³

Floor Build up:

3mm Vinyl (Fixed with Mapei VS90) 12.5mm Acoustic Board 10kg/m²
9mm Chipboard (Fixed with Mapei VS90) 12.5mm Acoustic Board 10kg/m²
MuteMat 3 (Fixed with adhesive) 12.5 kg/m²
140mm Concrete Slab Floor 276 kg/m²

Hz	1/3 Octave
50	
63	
80	
100	63.6
125	57.6
160	53.2
200	43.2
250	39.2
315	37.2
400	31.8
500	29
630	23.8
800	22.7
1000	19.9
1250	17.2
1600	16.4
2000	16.1
2500	13.1
3150	12.1
4000	
5000	



Rating in accordance to ISO 717-2

L'nT,w = 46 dB

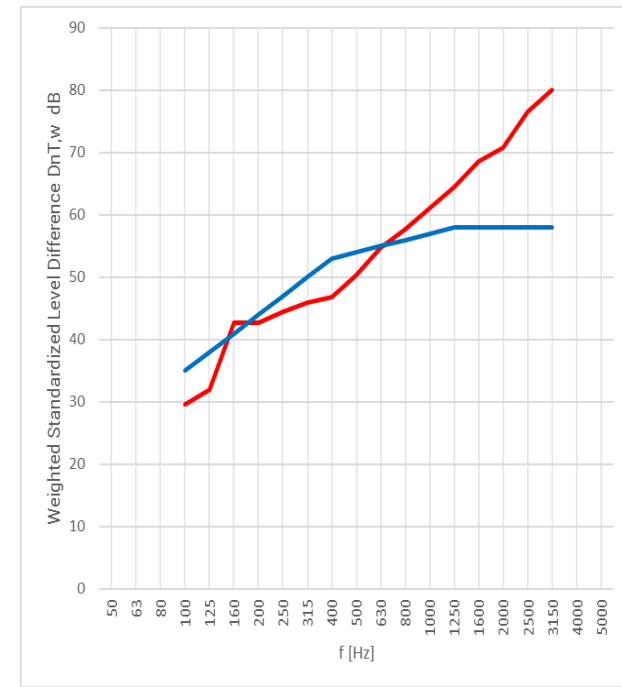
Treated Floor Airborne Results

Weighted Standardized Level Difference according to ISO 717-1
Receiving Room Volume: 57m³

Floor Build up:

3mm Vinyl (Fixed with Mapei VS90) 12.5mm Acoustic Board 10kg/m²
9mm Chipboard (Fixed with Mapei VS90) 12.5mm Acoustic Board 10kg/m²
MuteMat 3 (Fixed with adhesive) 12.5 kg/m²
140mm Concrete Slab Floor 276 kg/m²

Hz	1/3 Octave
50	
63	
80	
100	29.6
125	31.9
160	42.7
200	42.7
250	44.4
315	45.9
400	46.8
500	50.3
630	54.8
800	57.7
1000	61.1
1250	64.4
1600	68.6
2000	70.8
2500	76.5
3150	80.1
4000	
5000	



Rating in accordance to ISO 717-1

DnT,w (C;Ctr) = 54 (-2;-8) dB

MuteMat 3 Performance Data

Treated Floor Impact Results

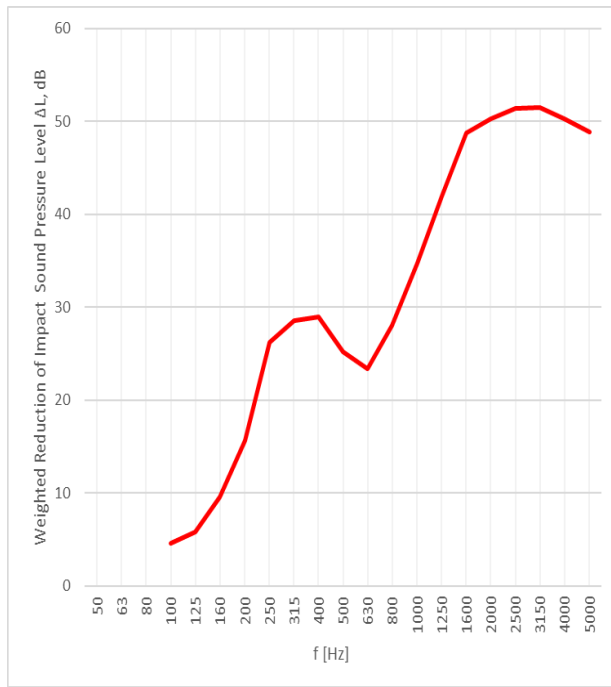
Weighted Standardized Reduction of Impact Sound Pressure Level according to ISO 140-8:1998

Receiving Room Volume: 300m³

Floor Build up:

MuteMat 3 12.5 kg/m²
 140mm Concrete Slab Floor 322 kg/m²

Hz	1/3 Octave
50	
63	
80	
100	4.6
125	5.8
160	9.6
200	15.6
250	26.2
315	28.5
400	29
500	25.2
630	23.4
800	28
1000	34.7
1250	42
1600	48.8
2000	50.3
2500	51.4
3150	51.5
4000	50.3
5000	48.9



Rating in accordance to ISO 140-8:1998

Untreated Floor: Ln,w =78dB
 Treated Floor: Ln,w =49dB
 Impact Reduction: ΔLw =29dB