



MuteCradle™ Systems Performance Data

16/30mm	02
45/60mm	03

MuteCradle™ 16/30mm Performance Data

Concrete Floor | MuteCradle™ 16/30mm

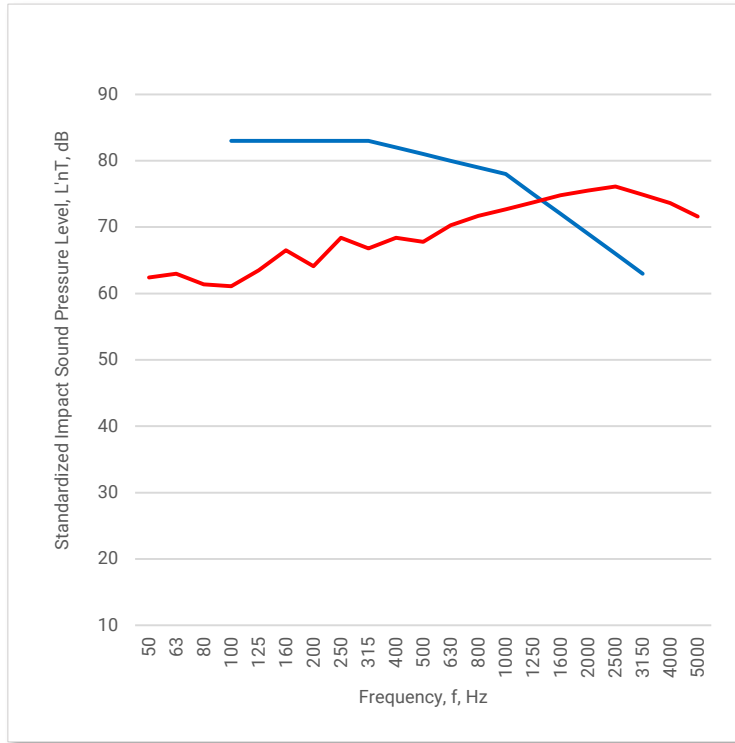
Untreated Floor Impact Results

Weighted Normalized Impact Sound Pressure Level according to ISO 717-2
 Source Room Volume: 129m³ | Receiving Room Volume : 211 m³

Floor Build-Up:

150mm Concrete Floor (365 kg/m²)

Hz	1/3 Octave
50	62.4
63	63.0
80	61.4
100	61.1
125	63.5
160	66.5
200	64.1
250	68.4
315	66.8
400	68.4
500	67.8
630	70.3
800	71.7
1000	72.7
1250	73.7
1600	74.8
2000	75.5
2500	76.1
3150	74.9
4000	73.6
5000	71.6



Ln,w (Ci) = 81 (-13) dB

Rating in accordance to ISO 717-2

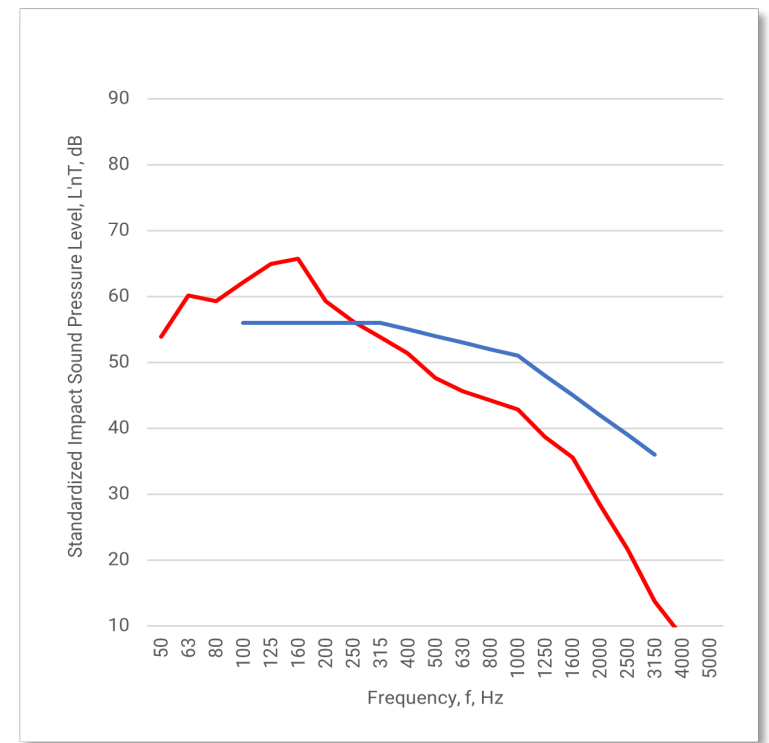
Treated Floor Impact Results

Weighted Normalized Impact Sound Pressure Level according to ISO 717-2
 Source Room Volume: 129m³ | Receiving Room Volume : 211 m³

Additional Wall Build-Up:

18mm T&G Chipboard (11 kg/m²)
 50mm Mineral Wool | 60 kg/m³ (3 kg/m²)
 36 x 45mm Plywood Battens (450mm x 400mm Centres)
 MuteCradle™ 16/30mm
 150mm Concrete Floor (365 kg/m²)

Hz	1/3 Octave
50	53.9
63	60.1
80	59.3
100	62.1
125	64.9
160	65.7
200	59.3
250	56.2
315	53.8
400	51.4
500	47.6
630	45.6
800	44.2
1000	42.8
1250	38.7
1600	35.5
2000	28.4
2500	21.6
3150	13.7
4000	<8.3
5000	<8.5



Ln,w (Ci) = 54 (1) dB

Rating in accordance to ISO 717-2

MuteCradle™ 45/60mm Performance Data

Concrete Floor | MuteCradle™ 45/60mm

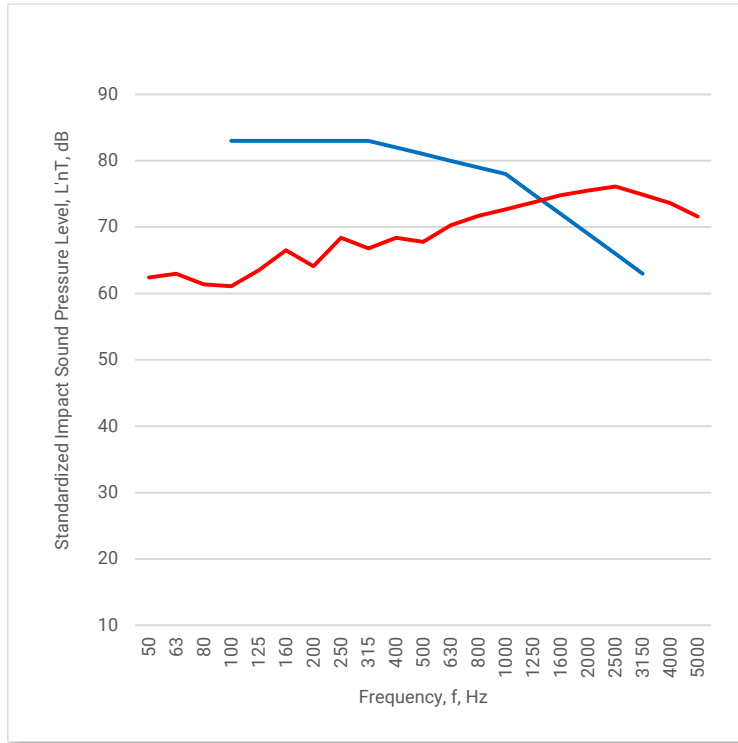
Untreated Floor Impact Results

Weighted Normalized Impact Sound Pressure Level according to ISO 717-2
 Source Room Volume: 129m³ | Receiving Room Volume : 211 m³

Floor Build-Up:

150mm Concrete Floor (365 kg/m²)

Hz	1/3 Octave
50	62.4
63	63.0
80	61.4
100	61.1
125	63.5
160	66.5
200	64.1
250	68.4
315	66.8
400	68.4
500	67.8
630	70.3
800	71.7
1000	72.7
1250	73.7
1600	74.8
2000	75.5
2500	76.1
3150	74.9
4000	73.6
5000	71.6



Ln,w (Ci) = 81 (-13) dB

Rating in accordance to ISO 717-2

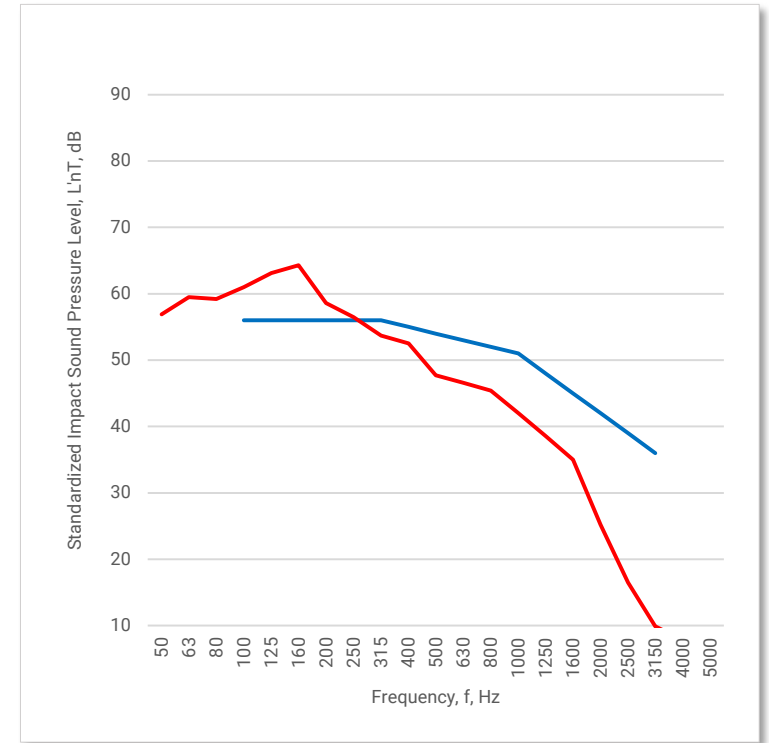
Treated Floor Impact Results

Weighted Normalized Impact Sound Pressure Level according to ISO 717-2
 Source Room Volume: 129m³ | Receiving Room Volume : 211 m³

Additional Wall Build-Up:

18mm T&G Chipboard (11 kg/m²)
 50mm Mineral Wool | 60 kg/m³ (3 kg/m²)
 48 x 45mm Plywood Battens (600mm x 400mm Centres)
 MuteCradle™ 45/60mm
 150mm Concrete Floor (365 kg/m²)

Hz	1/3 Octave
50	56.9
63	59.5
80	59.2
100	61.0
125	63.1
160	64.3
200	58.6
250	56.5
315	53.7
400	52.5
500	47.7
630	46.6
800	45.4
1000	42.0
1250	38.6
1600	35.0
2000	25.2
2500	16.5
3150	<9.9
4000	<7.8
5000	<8.4



Ln,w (Ci) = 53 (1) dB

Rating in accordance to ISO 717-2