



MuteMat[®] OSF 750-10

Product Data

Performance Data

MuteMat® OSF 750-10 Product Data

Description: MuteMat OSF 750-10 is our highly effective and slim resilient layer available for the reduction of impact noise in concrete constructions. It's density gives minimal compression leaving you a long lasting and effective solution that can receive a wide range of floor finishes.

Dimensions:	10mm x 1.3m x 5m
Roll Area:	6.5 m ²
Roll Weight:	50 kg
Density:	750 kg/m ³
Mass:	7.5 kg/m ²
Recycled Content:	1.86 Recycled tyres per m ² - 12.09 Recycled tyres per roll 92% Recycled - 100% Recyclable

Features and Benefits: Significantly reduces impact sounds.
Can be installed under finished flooring.
Does not deform, maintains efficiency long term.
Pre-fabricated recycled tire granule mat.
Low compression under heavy loads.
May be used in retrofit.



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Treated Structure: Impact Sound Pressure Level according to ISO 717-2
Receiving Room Volume: 221m³

Floor Build-Up: MuteMat OSF 750-10
140mm Concrete Floor

Acoustic Performance: Reduction from MuteMat OSF 750-10: **ΔLw 23dB**

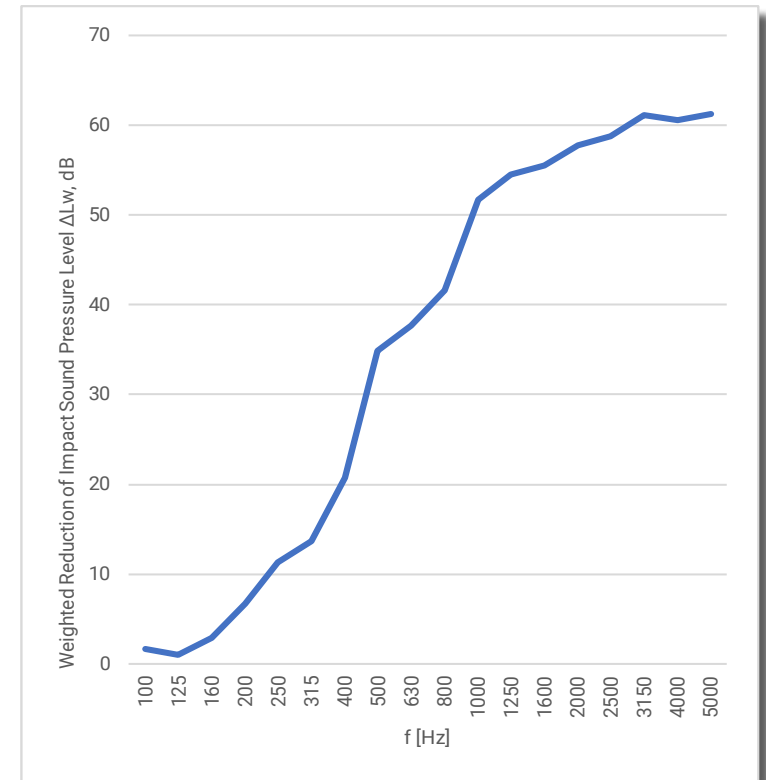
Performance will vary with different floor make-up.

Compression Loads: 10 kN/m² = 7% loss of thickness.
(Over 10 Years) 15 kN/m² = 10.6% loss of thickness.
20 kN/m² = 14.3% loss of thickness.

Thermal Performance: Thermal Conductivity = 0.113 W/mK
Thermal Resistance = 0.094 m²K/W
Temperature Stability = -35°C to +100°C.

Hz	1/3 Octave
100	1.7
125	1
160	2.9
200	6.7
250	11.3
315	13.7
400	20.7
500	34.9
630	37.7
800	41.6
1000	51.7
1250	54.5
1600	55.5
2000	57.7
2500	58.8
3150	61.1
4000	60.6
5000	61.2

Acoustic Test Report
MuteMat OSF 750-10



Rating in accordance to ISO 717-2