



MuteMat[®] OSF 750-05

Product Data

Performance Data

MuteMat® OSF 750-05 Product Data

Description: MuteMat OSF 750-05 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: 5mm x 1.3m x 10m
Roll Area: 13 m²
Roll Weight: 50 kg
Density: 750 kg/m³
Mass: 3.75 kg/m²
Recycled Content: 0.93 Recycled tyres per m² - 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.



MuteMat® OSF 750-05 Performance Data

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

Floor Build-Up: MuteMat OSF 750-05
140mm Concrete Floor

Acoustic Performance: Reduction from MuteMat OSF 750-05: **ΔLw 20dB**

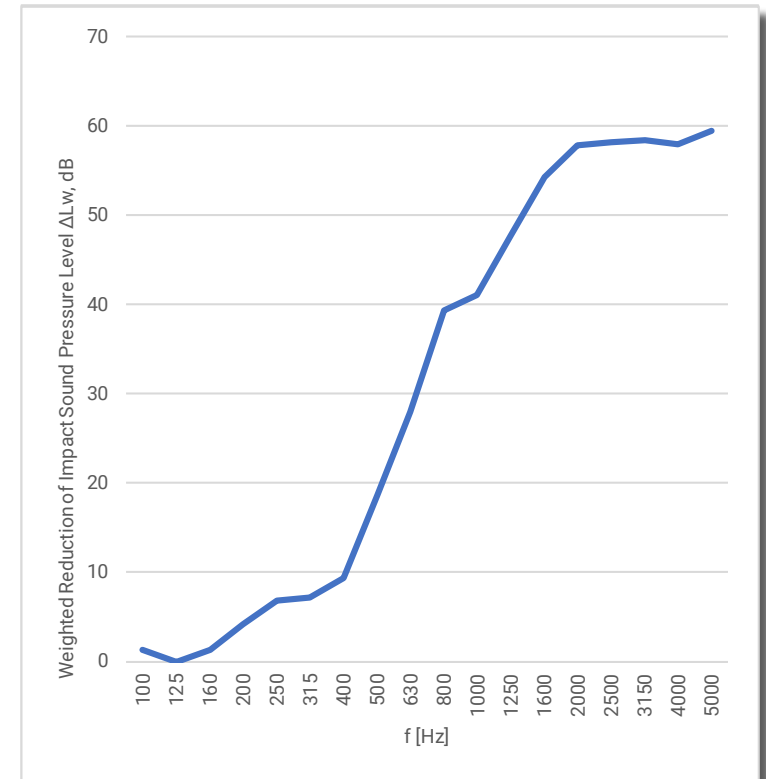
Performance will vary with different floor make-up.

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 = 0.047 m²K/W
Temperature Stability = -35°C to +100°C.

Hz	1/3 Octave
100	1.3
125	-0.1
160	1.3
200	4.2
250	6.8
315	7.2
400	9.4
500	18.6
630	28
800	39.3
1000	41.1
1250	47.7
1600	54.3
2000	57.8
2500	58.2
3150	58.4
4000	57.9
5000	59.5

Acoustic Test Report
MuteMat OSF 750-05



Rating in accordance to ISO 717-2