MuteMat® Gym 70 Product Data

Description:

MuteMat® Gym 70 is a highly engineered, high performing and easy to install Gym Floor Sound-proofing platform to attenuate high levels of low frequency impact noise and structural vibration.

MuteMat® Gym 70 is designed for cross-fit training areas, heavy-weighted machinery and free-weights - all where higher levels of impact noise are expected.

MuteMat® Gym 70 has been precision engineered with Compression Moulded technology to create a dense platform with impact reducing pedestals on the bottom to limit direct contact with the structural flooring, creating a cushioning effect with reduced noise and vibration.

Features and benefits:

Built-in U-shaped interlocking KrosLock® de-sign. Bevelled edge, 2 mm all around.

Wear Layer : Made out of buffings of recycled truck tyres.

Bottom layer : Made out of granules of recycled truck tyres.

Performance:

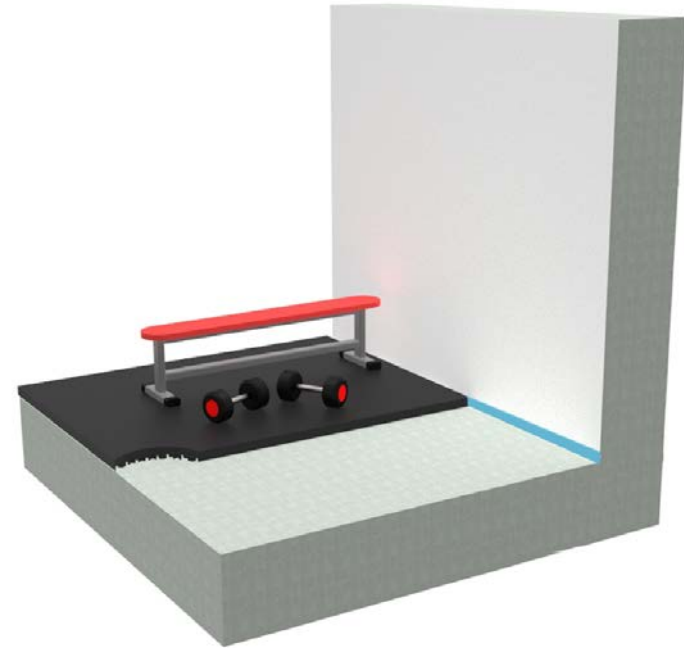The dB reduction difference between the drop on a concrete floor and the MuteMat® Gym 70 Tile. (SPL)

11.11kg from 91cm	= 41.7 dB
11.11kg from 152cm	= 38.8 dB
24.72kg from 91cm	= 41.7 dB
24.72kg from 152cm	= 37.3 dB
Impact sound reduction	ΔLw 26dB

Performance will vary with different floor make-up. Please see performance data for examples.

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Test Description	Results	ASTM Ref	Test Lab
Dimensions:	70mm x 610mm x 610mm		
Weight:	13.15 kg		
Temperature range:	-30 to 80 degrees Celsius		INT.
Hardness:	60 +/- 5 shore A		INT.
Freeze Thaw:	No deterioration	C67	SGS
Deterioration air/oven:	No deterioration	D573	SGS
Slip resistance:	Dry 102 Wet 62	E303	SGS
Slip resistance:	Dry .81 Wet .82	D2047	SGS
Anti slip property:	R10		INT.
Coefficient of friction:	> 0.3µ		INT.
Compression deflection:	29,5 PSI to 25% comp.	D1667	NWL
Compression set:	4,37% Permanent set	D395	NWL
Tensile strength:	107 PSI	D412	SGS
Tensile strength:	+/- 1 N/mm2		INT.
Elongation at break:	165%	D412	SGS
Tear strength:	6.76 kg/cm	D624	SGS
Wear Surface Density:	33kg/30dm3		
Flammability:	Class 2	E648	QAI
Burning Pill Test:	Pass	D2859	NWL

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