

MuteMat® Gym 32 Product Data

Description:

MuteMat® Gym 32 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 32 is designed for cross-fit training areas, heavy-weighted machinery and free-weights - all where higher levels of impact noise are expected.

MuteMat® Gym 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.

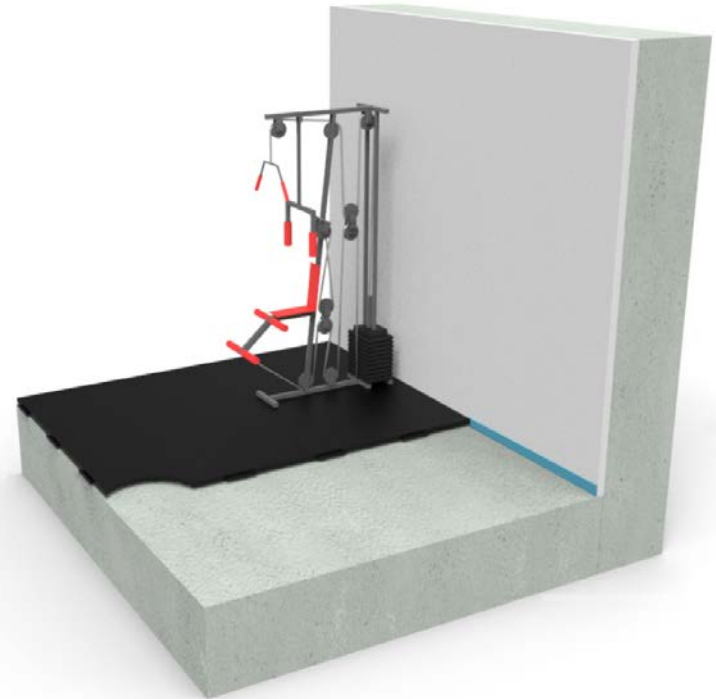
Bottom layer : Made out of granules of recycled truck tyres.

Performance:

The dB reduction difference between the drop on a concrete floor and the MuteMat® Gym 32 Tile. (SPL)

| | |
|------------------------|-------------------|
| 11.11kg from 91cm | = 26.8 dB |
| 11.11kg from 152cm | = 22.0 dB |
| 24.72kg from 91cm | = 21.5 dB |
| 24.72kg from 152cm | = 19.5 dB |
| Impact sound reduction | ΔL_w 23dB |

*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: | 32mm x 610mm x 610mm | | |
| Weight: | 8.26 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 |

