

Vibration Absorbing Pads



The ideal acoustic pads for exercise machines

Vibration Absorbing Pads - VAP

Vibrations that can be disturbing or liable to damage exercise machines are a thing of the past.

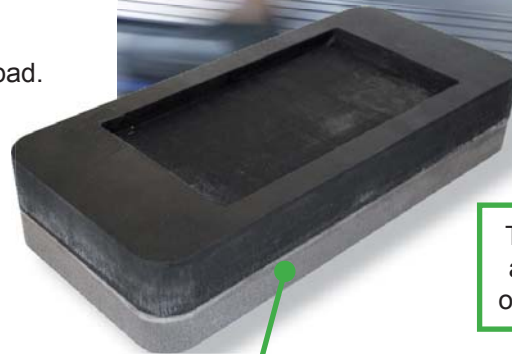
On cruise ships, mega-yachts, in health clubs or gyms in high-rise buildings - the applications of Vibration Absorbing Pads are numerous.

On floors, in the vicinity of offices or other noise-sensitive areas in particular, the use of gym or other equipment can frequently give rise to disturbing noise and/or vibrations.

The reduction of air-borne noise in adjacent rooms of up to 10 dB is possible, so that cost-intensive structural measures can often be avoided.

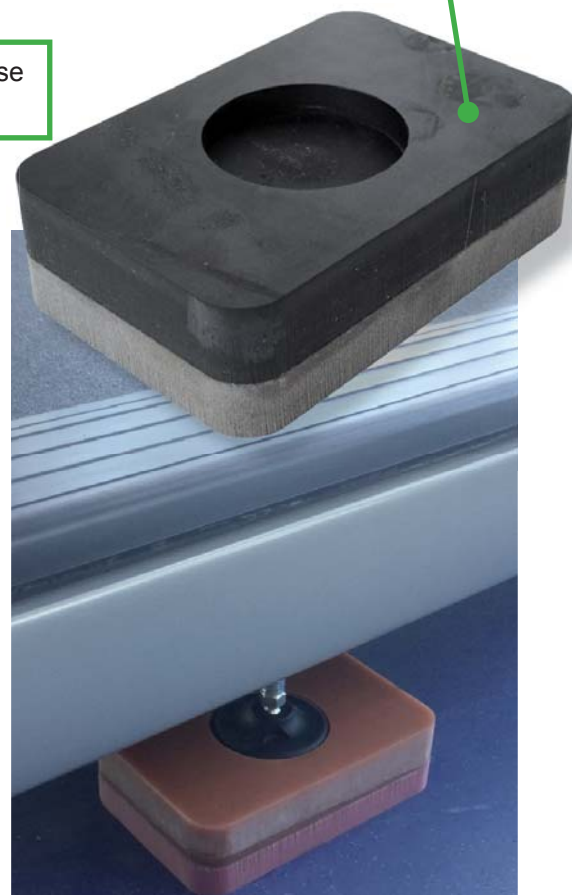
WILLBRANDT designs the material suited to each application with the required geometry on a three-dimensional basis to produce the perfect absorbing pad.

- Reduction of impact sound within a room
- Less transmission of vibrations on upper or lower floors
- Protection of exercise machines
- Low retrofitting costs
- Reduction of loads for joints and tendons.



Structure-borne noise isolation material

The load distributor plate is adapted to the dimensions of the exercise machine feet



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Example calculation of structure-borne sound isolation of a TECHNOGYM Excite run 700 treadmill

Project (example): Machine weight: about 200 kg
User weight: up to 150 kg

Used Pads: Quantity: 4 Pads
Pad size: 210 x 140 mm
Pad thickness: 25 mm
Synthetic material thickness: 35 mm

We shape the upper plate so it is compatible to the standard foot. That ensures best stability and functionality.

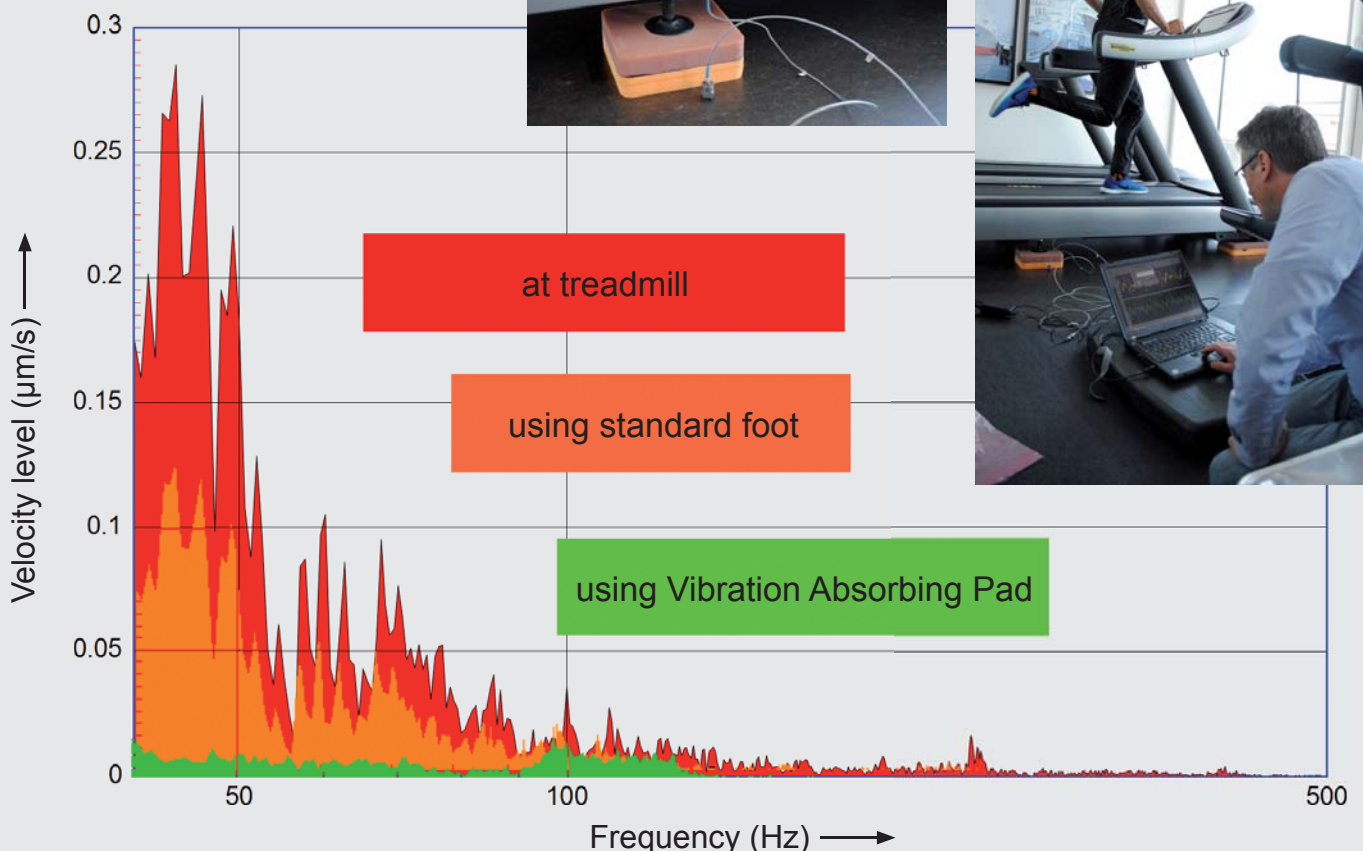
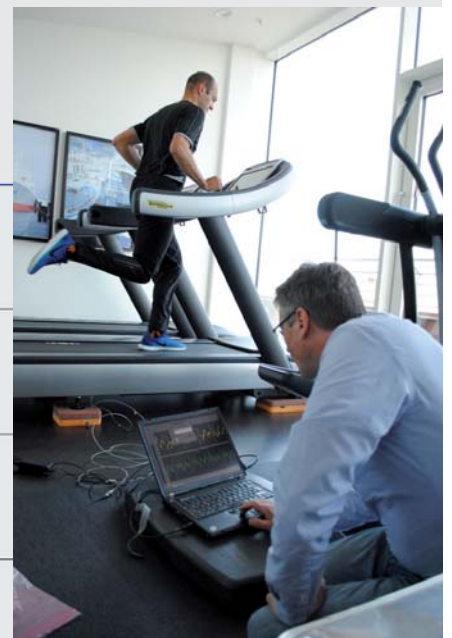
Examples: leg press, bench, power plate equipment

Installation sites: hotels, ships, dwelling houses, office complexes, fitness center



(Foto: Technogym)

Structure-borne noise isolation with Vibration Absorbing Pads





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