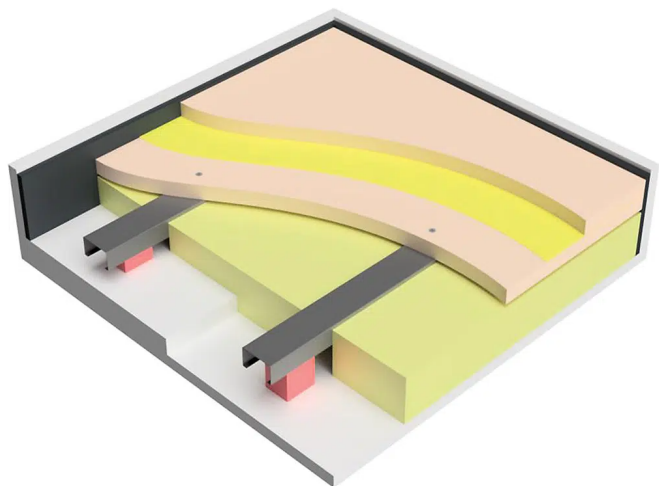




Floor System VT-BAT

Vibratec floor system VT-BAT is a quick and easy-to-install system with discrete isolators. The system comprises of 3 meter long and a width of 48 mm steel battens with isolators (elastic elements) available in 4 different standard heights: 25, 37, 50 (75 mm and other heights available on request).

Product Characteristics

A floating floor system that's easy to install and depending on the load and the choice of height resonance frequencies below 6 Hz can be achieved. See frequency curves below.

The stiffness can be adjusted by adjusting the number of isolators per m² and / or by choosing softer/stiffer material for the isolators. Depending on threshold values for noise damping, the weight of the floor and the load that it is exposed to, we will calculate the perfect floor tailored to your needs. Contact us at Vibratec for advice.



Floor system VT-BAT is an EPD-certified product.

Product Applications

Used for wet or dry floating floors in rehearsal rooms, studios, cinemas, offices and industries. Also used in sprung floors for dance, gymnastics, sports and stages.



Vibratec VT-BAT Floor System

Vibratec Akustikprodukter

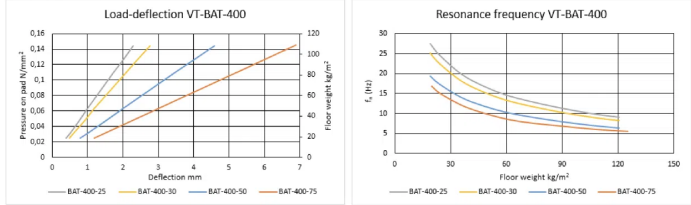
00:51

1. Install self adhesive isolation strips (VT-Strip) around the perimeter of the floating floor to de-couple the floating floor from the adjacent structure.
2. Install the VT-BAT rails with c/c- distance according to plan.
3. Place low density mineral wool between the VT-BAT rails (the thickness must be less than the deflected void under the floating floor).
4. Screw floor panels into the VT-BAT rails (avoid screwing into the cushions).
5. Apply Damping glue DG-2000 (1mm in thickness).
6. Install the second layer of floorboards.

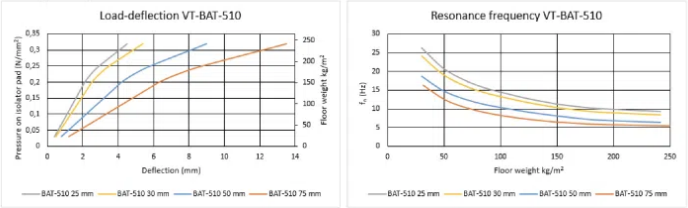
For more detailed instructions go to our installation guide (see download section).

Technical Specifications

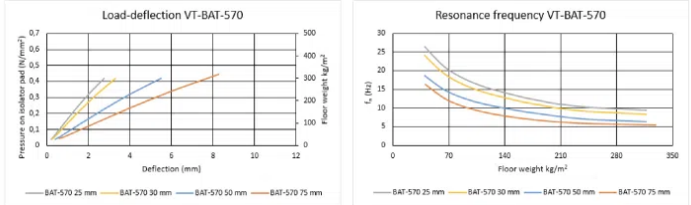
VT-BAT-400



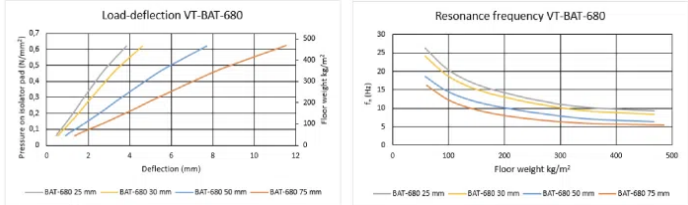
VT-BAT-510



VT-BAT-570



VT-BAT-680



Load Range

Color	Type	Load range (kg/m ²)
Grey	VT-BAT-400	40 - 120
Brown	VT-BAT-510	60 - 240
Pink	VT-BAT-570	80 - 310
Turquoise	VT-BAT-680	120 - 450
*Loads are based on cc 600 mm		

Deflection & Natural Frequency

Height	Deflection	fn (Hz)
25 mm	1 - 2 mm	> 9 Hz
37 mm	2 - 3 mm	> 8 Hz
50 mm	4 - 7 mm	> 6.5 Hz
75 mm	8 - 12 mm	> 5.5 Hz

Downloads



Installation manual:
Floor system VT-BAT | English



Installation manual:
Floor system VT-BAT | Swedish



Impact Sound
Reduction for VT-BAT floating floor |
Test Report



EPD document |
EPD-IES-0030216:001
english



Contact information

Sweden

+46 176207880
info@vibratec.se

Norway

+47 33070750
info@vibratec.no

Denmark

+45 49132244
info@vibratec.dk

Estonia

+372 56627990
info@vibratec.ee

Finland

+35 8402589117
palvelu@3di.fi

India

+91 7755996308
rc@vibratec.in

 vibratec.org/linkedin

 vibratec.org/youtube

 vibratec.org/vimeo