

Client	1BEAT Gym
End User	1BEAT Gym
Main Contractor	Evolve Interiors
Architect	Evolve Interiors
Acoustic Consultant	AME Consulting and Technical Services
Details	CDM 15030 + 25 mm glassfibre + 18 mm plywood + CDM-MTC 4.5 + 18 mm plywood

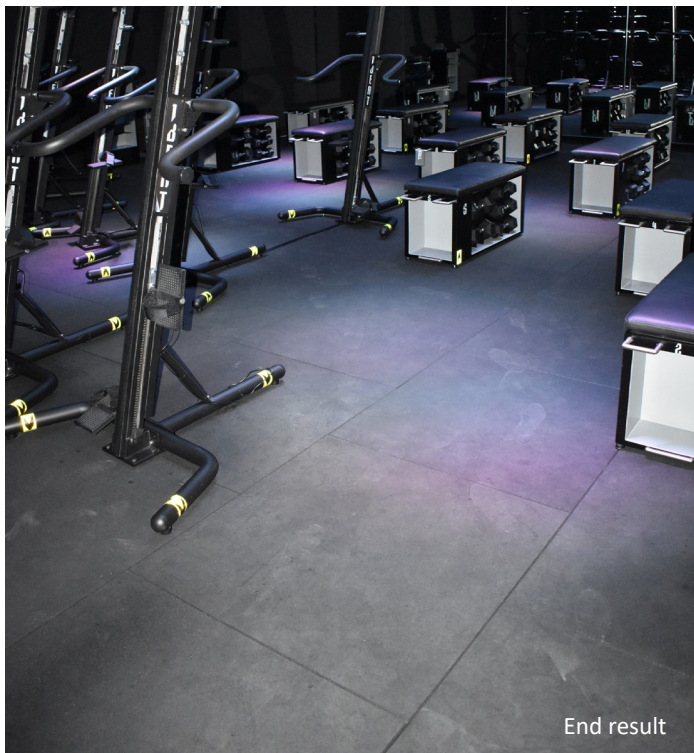
- 1BEAT is a boot camp gym located on the ground floor of the One Central Building in Dubai Financial District.
- Although the type of weights used are relatively light, there was a concern for the transfer of structure-borne noise to the above office spaces.
- Due to a restriction in buildup and budget, the system adopted was the CDM-GYM 70. The solution was finished with a 15 mm rubber flooring.
- Comparing the L_{Amax} noise level magnitudes from the impact test in the receiver location in the office space directly above, there was an improvement of approximately 22 dB. This improvement was sufficient given the type of gym application.



1BEAT Gym



Installation detail 1



End result



Installation detail 2