



Case Study



Property Owner
Marlet Properties



Main Contractor
BAM



Acoustic Consultant
Amplitude Acoustics



Architect
Henry J Lyons



Installation Crew
Acoustic Impact

Stravigym XP, Stravigym GympactFloor-T30

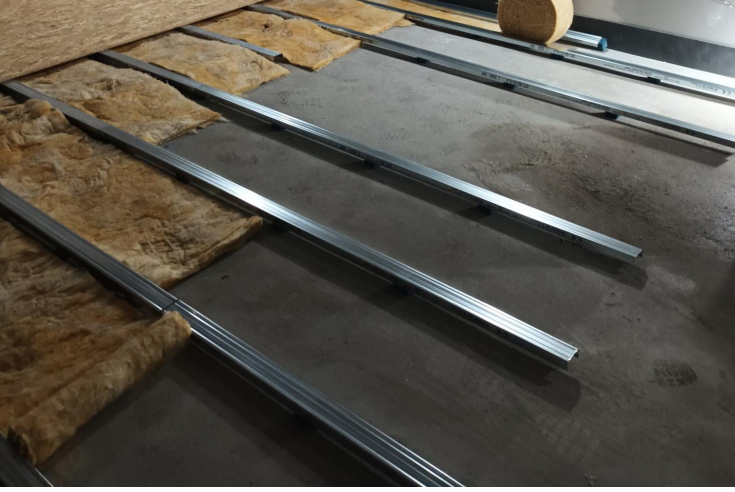
- Extreme Performance discrete isolator floating floor system specifically intended for use in free-weight areas offering superior structural resistance and acoustical performance (Stravigym XP)
- A 30 mm rubber tile that be used as stand-alone finish flooring or can be combined with Stravigym subfloor systems (Stravigym GympactFloor-T30)

OVERVIEW

Nestled in the heart of the vibrant Silicon Docks, One Lime Street offers a total of 216 one and two-bed apartments thoughtfully spread across six floors. The bright and open design, coupled with a U-shaped block surrounding a serene central courtyard, provides a tranquil oasis for residents amidst the bustling city environment. Inspired by the Docklands' architectural heritage, the development predominantly features brick construction, seamlessly blending with the surrounding residential and industrial buildings.

One Lime Street caters to the modern lifestyle with an array of amenities, including multi-purpose rooms, a gym, a lounge, and various landscaped outdoor communal spaces, including a delightful first-floor roof terrace. On the street and basement levels, you'll find 2,500 sq ft of retail space, perfect for a café and shops.

To ensure a harmonious living environment for the surrounding residences, the acoustic consultants set specific criteria for the gym and aerobic studio. The aim was to achieve complete isolation of noise and vibrations, preventing any disruptions from transferring throughout the building.



SOLUTION

220 m² of Stravigym XP system with Stravigym GympactFloor-T30 tiles for the gym section. The remaining aerobic room section was completed with the Stravigym GympactFloor T-30 tiles alone.

The installation of the advanced [Stravigym XP](#) acoustic floating floor system, coupled with [Stravigym GympactFloor-T30](#) tiles, was a triumph at the gym facility.

Covering a total area of 220m², the Stravigym XP system, complemented by 30mm thick Stravigym GympactFloor-T30 tiles, provided the ideal flooring solution for the gym section, ensuring excellent sound and vibration isolation.

Meanwhile, in the aerobic room section, the Stravigym GympactFloor-T30 tiles alone delivered superior performance, creating a seamless and functional flooring environment. This well-executed flooring combination guarantees a top-notch exercise experience for all gym-goers and aerobic enthusiasts alike.

AT A GLANCE

CHALLENGES

- Delays due to holiday season and working around other disciplines/schedules

BENEFITS

- System compatible with the expected floor covering
- Lightweight system, easy and quick to install and easy to adapt the build-up height
- Floor system with superior structural stability and protected from heavy impacts
- Discrete solution (offering better noise reduction at low frequencies) with enhanced stiffness

220 m²

Stravigym XP
with
GympactFloor-T30
tiles

