

# Thorpe Park PureGym

## Leeds, UK



## Case Study



**Property Owner**  
PureGym Limited



**Main Contractor**  
GMI Construction



**Architect**  
The Harris Partnership



**Acoustic Consultant**  
Buro Happold

## OVERVIEW

The new Springs retail and leisure facility at Thorpe Park, Leeds, includes cinemas, shops, restaurants and a gym.

Part of the development was to build a state-of-the-art gymnasium for PureGym.

## Stravifloor Channel

- Isolated steel floor batten system
- Improves the structural stability of the floating floor
- Provides lower differential deflection resulting from live load or concentrated loads



## SOLUTION

The acoustic consultants specified CDM Stravitec to design and build a dry damped floating floor as part of the shell and core to ensure that the gymnasium did not disturb the restaurants and shops located directly below.

The [Stravifloor Channel](#) floating floor was to be installed within a tight four week deadline and this was successfully completed.

## AT A GLANCE

### CHALLENGES

- Ground floor of a retail and leisure facility
- Different activities with different levels of impact energy in the same gym

### BENEFITS

- Freedom of choice of the floor covering
- Maintenance-free & long-lasting solution
- Lightweight system with reduced build-up height

**1576 m<sup>2</sup>**

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