



**TVS ACOUSTICS**  
NOISE & VIBRATION CONTROL

# CASE STUDY

## TVS RESi Dry Floating Floor System

Result Fitness, Durham

### PROJECT INFORMATION

TVS Group's flooring solution for a city centre gym in Durham proved a winning idea for the fitness centre, local retailers and shoppers.

**Client:** Box of Frogs

**Main Contractor:** AJ Interiors

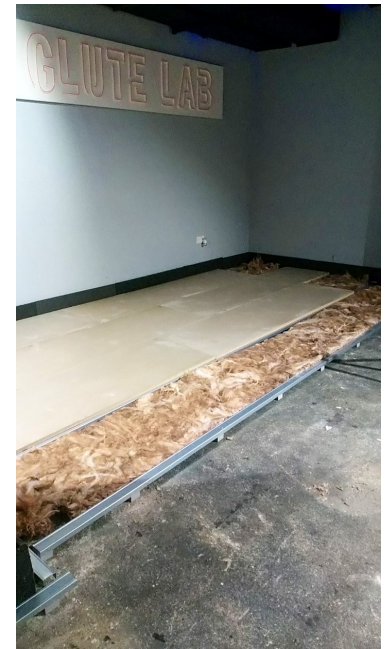
**Acoustic Consultant:** Red Acoustics

### Project Objective

With the decision to site a new Result Fitness gym in the busy Riverwalk shopping and leisure area of Durham, TVS was approached by Red Acoustics to ensure there were no noise implications for local retailers and residents.

TVS Acoustics carried out a series of on-site tests utilising specialist acoustic flooring options to establish which solution would meet the stringent acoustic requirements of the site. With a mix of shops, bars, cafes, a cinema and student accommodation nearby, preventing any unwanted noise from the new gym was essential.

The best solution was found to be the installation of a specialist TVS RESi Dry Floating Floor System for both the main gym area and beneath the sprint track.



©TVS Group

T: +44 (0) 1706 260 220 | F: +44 (0) 1706 260 240  
E: Sales@TVS-acoustics.com | W: www.TVS-acoustics.com  
Low Bay | Commerce Street | Carrs Industrial Estate  
Haslingden | Rossendale | Lancashire | BB4 5JT | United Kingdom



**TVS GROUP**  
SPORT | FITNESS | PLAY | ACOUSTICS

www.TVS-Group.co.uk





**TVS ACOUSTICS**  
NOISE & VIBRATION CONTROL

# CASE STUDY

## TVS RESi Dry Floating Floor System

Result Fitness, Durham

### PROJECT INFORMATION

TVS also decoupled the walls to stop any noise transfer to other units within the building. Noise suppression was further assisted by the fitment of acoustic underlays on top of the floating floor system, and TVS Sports Flooring was added for a great final look.

#### Product

TVS RESi Dry Floating Floor System utilising:

- 20mm TVS Perimeter Isolation
- 50mm Sylomer SR450 Isolators
- 50mm Knauf Acoustic Roll
- 22mm T&G Caberfloor
- 24mm Cement Board



©TVS Group

T: +44 (0) 1706 260 220 | F: +44 (0) 1706 260 240  
E: Sales@TVS-acoustics.com | W: www.TVS-acoustics.com  
Low Bay | Commerce Street | Carrs Industrial Estate  
Haslingden | Rossendale | Lancashire | BB4 5JT | United Kingdom



**TVS GROUP**  
SPORT | FITNESS | PLAY | ACOUSTICS

www.TVS-Group.co.uk