

# Case Study

## Education

### Chorlton High School

#### Facts about the project

Chorlton High School, Chorlton-cum-Hardy, Manchester

Architect and Project Manager: Wilcox Construction Services Ltd

Contractor: Fox Fabrications

Project size: 660m<sup>2</sup>

Products: Ecophon Master™ Rigid Dp, Focus™ Lp



Chorlton High School is a co-educational secondary school in Chorlton-cum-Hardy, Manchester with approximately 1500 pupils. The school needed a dining hall that would be robust enough for the heavy daily usage, as well as acoustically comfortable for the pupils and staff using it.

Darren Curry Architects and Alan Wilcox from Wilcox Construction Services, worked together to develop a great new space for the client, seamlessly tying in new design with buildability within a live school environment.

Alan Wilcox explained that when it came to the ceiling, they were looking for something that was the right format for such a big space with the added complication of a sloping ceiling. In addition, this kind of space in a school is subject to strict demands for good acoustics and speech intelligibility.

"It was a big space with hard surfaces, and that led to difficult acoustic issues with reverberation. We picked Ecophon Master Rigid because the large format tiles are ideal for the space we were working with.

"We also found the information provided by Martin Keogh from Ecophon was very good. He was very helpful."

Alan also knew that the impact-resistant tiles would be an attractive solution for the busy, high-energy environment typical of many schools.

"Additionally the system is lockable, which means it stays in place when the ceiling gets any knocks from exuberant students! (and it will!)"

When it came to installation, the space presented a challenge due to its sloping corners. However Alan confirmed that with Master Rigid there were no issues, especially as we had worked with the contractor to select the right skilled installers.

"The hall looks fantastic and combined with the Dextra LED lighting, the ceiling makes a big impact. It also conforms to Acoustics class A, added Alan.

For more information please contact:  
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