

# Case Study

## Education



### Torbank School

#### Facts about the project

Torbank School

Contractor: Graham Construction, Moorcan Ceilings

Project size: 10,000m<sup>2</sup>

Products: Ecophon Meditec, Super G Wall Panel, Advantage



Ecophon is accustomed to meeting the specific needs of the education sector but at Tor Bank School the company's product range was put to the test.

The acoustic specialists recommended three specific products for the project. Advantage for the corridors and classrooms; Meditec for the toilets and changing areas and Super G wall panels in the sports hall and canteen. All three are Class A sound absorbers but it is the individual attributes of each that made them tailor-made for this project.

The main challenge was in the sports hall and canteen as there were concerns about the long reverberation times in these areas. As a result, the significant sound absorbing qualities of Super G wall panels proved the ideal choice; perfect for an environment where there is risk of mechanical impact. The system is available in three different colours and consists of Ecophon Super G wall panels with framework. The panels are manufactured from high density glass wool utilising 3RD Technology. The combination of this strong fabric and a high density glass wool core creates robust and impact-resistant wall and ceiling absorbers.

Cleaning and hygiene requirements also created a challenge in some areas, which Ecophon met by specifying the Meditec Hygiene tile. A wall to wall, sound-absorbing ceiling system intended for environments where disinfection or cleaning is required on a regular basis, these tiles can be wet cleaned weekly. Ecophon Meditec A tiles have a core of high density glass wool utilising 3RD Technology and a painted cleanable Akutex™ TH surface. At Tor Bank School, the Meditec tiles are secured to the grid with Connect Universal clips in order to withstand pressure during cleaning and to minimise dirt traps.

In the corridors and classrooms, Ecophon Advantage™ has the essential requirements surrounding acoustic regulations and mechanical strength. Ideal for applications requiring a suspended ceiling which is easy to install and is also demountable, whilst meeting essential functional requirements, Advantage is available in a number of sizes and aims to provide effortless handling and straight forward installation.

For more information please contact:  
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