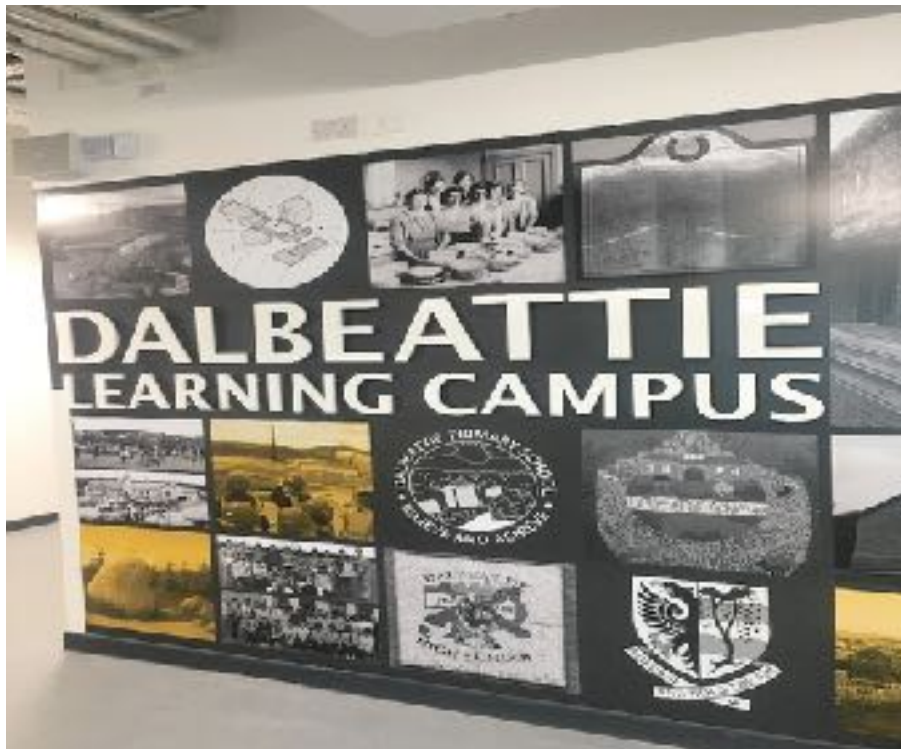


CASE STUDY

Dalbeattie Learning Campus, Scotland

Product Supplied: Buzziskin

Main Contractor and installed by: Grahams Construction



The Brief

To reduce sound reverberation in all areas of the new build school, including class rooms, breakout areas and communal areas.

Key Challenges

Achieving required performance levels whilst adhering to tight parameters on cost, time line and aesthetic expectation.

Background

Dalbeattie Learning Campus was funded by the Scottish Government through Scotland's national Schools for the Future programme.



It was agreed that Dalbeattie High School needed to be rebuilt in 2009 and the separate primary school and nursery was also judged to be in fairly poor condition. The decision was made to proceed with a shared campus and new building for both schools in 2012 because the secondary school stands on a site that could accommodate this larger facility.

Craig Bridges, regional development director at GRAHAM Construction said: *“Dalbeattie Learning Campus is a first-class educational facility which will bring long-lasting benefits to the local community. A significant construction project, our team have delivered a state-of-the-art learning space, while also creating many different jobs and apprenticeships in the process.*

From original design phase significant thought had clearly been put into the acoustic performance of the build and to this end large area of cleverly concealed acoustic panels and baffles had been installed within various parts of the build. What could not have been foreseen was whether this would be enough to reduce reverberation within such space where light and design had been given top priority.

Initial testing of the site showed that the measures taken thus far, although far reaching, were not sufficient to bring the build into acceptable parameters.

JCW were called in to assess the situation, and offer a cost effective, easily installed, and aesthetically sympathetic, solution to the problem.

Buzzi Skin was a very obvious choice. A large sample was supplied free of charge to the site to allow the site manager to assess easy of install – no further training was required to allow his workforce to use the product.

Over 1100m² of Buzzi Skin was supplied to the site over 4 colours chosen from the range, with the first delivery arriving just 2 weeks from receipt of order.

Buzzi Skin in Off-white was used in the corridors leading to the nursery section of the Learning Centre



So versatile was the product that the contractor decided to soften cylindrical metal supports by wrapping them in the fabric also...



Here BuzziSkin in Light Blue was used in an area of the corridor which can also be used as a play area for the younger pupils in the school.

The school had only been passed over to the client the day before our visit but teachers had already commented on the great flexibility the wall covering provides as they would be able to easily display the children's work in these areas.

In this room, Buzziskin in Denim Blue has been used in a multi purpose break out space to provide an acoustically cosy environment for students to study either individually or in small groups. The acoustic qualities within these rooms also promotes a sense of privacy and calm within the busy school environment.





JCW Acoustic Supplies are proud to have worked alongside Graham Construction to provide a solution at Dalbeattie Learning Centre that not only rectified the issue of sound reverberation, but was a quickly delivered and easily installed product which was perfectly in keeping with the aesthetic qualities of the building.

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