

Case Study

Education

Selwyn Primary School

Facts about the project:

BSF: Selwyn Primary School, Plaistow, United Kingdom

Project member: David Canning, Manager of Sensory Services

Contractor: Versatile Ltd

Project size: 1500m²

Products: Master A, Master Extra Bass

Saint-Gobain Ecophon has installed its acoustic Wall Panels™ and Solo™ acoustic ceiling rafts at Selwyn Primary School in Plaistow, making a huge difference to the teaching environment for the hearing impaired children who attend the school.

Previously the school wasn't seen as specialist enough by parents who were removing their children to be educated elsewhere. This was costing the borough a lot of money so David Canning, manager of sensory services for the Borough of Newham, was employed by the council to work with the school and advise them on what improvements needed to be made in order to make the school more suitable. Half of the school's 24 children with hearing difficulties wear cochlea implants which makes it difficult for them to hear low frequency sounds (around 125Hz). To improve speech intelligibility at this level, Ecophon's wall panels were retrospectively lifted off the wall by around 100mm. This created an air gap which helps low frequency sounds to be absorbed.

Prior to having acoustic treatment installed, the school didn't even comply with the less stringent acoustic standards for secondary schools. Today they are almost in line with BATOD requirements, representing a significant improvement for the benefit of the children. An acoustician recorded an RT time (reverberation time) of 0.4 at low frequencies with even better results at high frequencies.



The combination of the wall panels plus the Solo rafts has worked to great effect and made a real difference which is benefitting teachers and both hearing and hearing impaired pupils.

For more information please contact:
Shane Cryer: 07771-565370