

PROJECT REVIEW -CAISTER MIDDLE SCHOOL

50 YEARS OF SERVICE TO INDUSTRY

ISO9001 REGISTERED FIRM

SCHOOL SPORTS HALL USING BOTH ECKEL EFP AND SFP NOISE ABSORBER PANELS



BRIEF

Headteacher, Mike O'Reilly, read about Eckel Noise Control Technologies and their capabilities in an Education Supplement in The Sunday Times. He called upon our services to provide a report of the school regarding its poor acoustics. A noise survey was conducted - tests included reverberation times, dividing wall acoustic performance and classroom speech intelligibility.



RESULTS

Noise survey recommendations were itemised with the activity hall being top priority. Our design team calculated the absorption required to meet new BB93 regulations. Our popular EFP and SFP's were installed evenly around the hall to provide suitable noise absorption in order to reduce the reverberation time. Eckel proudly handed over the activity hall with its new acoustic parameters to a genuinely excited Headteacher .



WHAT THE SCHOOL SAID

"The first group to appreciate the improved sound quality in the hall was an after school badminton club who really enjoyed the improvement that had been made.

Most of our pupils have now had a PE lesson in the hall and the difference in the atmosphere in there is remarkable. Instead of the noise levels being almost intolerable and the sound reverberating



around the room, the panels just seem to absorb and squash the noise before it gets too unpleasant. Even when pupils are really enthusiastically getting involved in their physical activities, when we expect some noise, it now feels controlled and absorbed before it becomes intolerable. Staff can now teach using a conversational style that is so much better for their own health and well being.



When staff are comfortable and not under the stress of noise then this transmits itself to the pupils.

By investing in these noise absorption panels we have improved the learning environment dramatically and feel that we can continue to upgrade the room knowing that communication in there is up to a good standard".

Mike O'Reilly—Headteacher

**SPECIALISTS IN ENGINEERED NOISE CONTROL
PRODUCTS AND SYSTEMS**



NOISE CONTROL TECHNOLOGIES

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Acoustic Doors
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Reverberation Chambers
Run-up Pens
Barrier Walls
Audiology Rooms and Suites
Absorptive Wall and Ceiling linings
Acoustic Materials
Silencers
Design & Engineering Services

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