

DRAFT PRESS RELEASE

SOUND STRUCTURE HITS THE RIGHT NOTE IN SCHOOL

Corus Panels and Profiles has provided a specialised acoustic solution for the construction of a new state of the art sports hall in an Oxfordshire Specialist Sports College, and PE teachers there are no longer losing their voices !

The Blessed George Napier Catholic Secondary School in Banbury has recently achieved Sports College status, making it a centre of excellence for physical education and community sport. To help achieve this, the school needed new indoor sports facilities.

The new **curved roof** sports hall **costing in the region of 1.5M** has a floor area of 1500 sq. m with 9m / 4.5m eaves heights. Leofric Structures were the successful steel frame and cladding contractor and Corus Panels and Profiles products were specified by the project architect Falconer **Partnership**. Ciamak Ghavami **Managing Director** of **Banbury based** Leofric Structures said:

“Due to the internal volume of the building, regulations required for it to be totally air tight and also to provide a high degree of sound reduction through the walls due to its close proximity to the surrounding houses.”

In consultation with the Corus Panels and Profiles Technical Department, Leofric Structures proposed a triple layer built- up roof construction insulated with 2 layers of 75 mm of Rockwool insulation, fully sealed at its junction with the wall cladding to make sure there was no air leakage at the junction of walls and roof or through the roof and wall cladding panels.

The roof construction **used** 4500 sq m of **Corus HPS 200 profiled metal sheeting in R32/1000 roof profiles, RL32/1000 and perforated RL32/1000 roof lining panels**; with 950 sq m of wall cladding - composite micro-ribbed Trisomet panles at high level with horizontal Trisomet panels below down to finished floor level. The job is a Corus Panels and Profiles Platinum System Warranty spec. **All fixings were in stainless steel to guard against a fixing failure during the design life span of the roof and wall sheeting.**

Ciamak again: “All joints were sealed with special tape to stop any air passage through the sheets. The project was completed on time and on budget to a high standard, and the building successfully passed the air test on completion.”

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And the improved acoustics have hit the right note with staff. Head of PE James Sturla says: “This is a wonderful resource for the school and the community. The sound is so much better than our previous facility – I can communicate with the youngsters from one end of the hall to the other. None of my staff has lost their voice this year !”

Corus Panels and profiles Marketing Manager Clive Jones said: “Acoustic performance is becoming an increasingly important factor in construction. The live acoustic tests we conduct at Corus Panels and Profiles have produced a broad range of systems that meet specified sound reduction and sound absorption standards. And our Technical Department can also tailor our products to meet the specific needs of each job, as in this case.”

Corus Panels and Profiles’ renowned Platinum System Warranty is available free of charge to cover installation and structural integrity for 12 years, when installed by Platinum Approved Contractors.

Offering the widest choice of product in the industry enables Corus Panels and Profiles to give contractors and specifiers independent, objective advice, recommending the best product for the job.

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