

STROMNESS ACADEMY, ORKNEY ISLANDS
ARCHITECTURAL PROFILES LIMITED



The Orkney Islands is where weather can be truly extreme and building/energy efficiency is very important. Stromness Academy is an Orkney educational establishment with a 20 years old sports hall, the roof of which provided no sound proofing and poor insulation. As a consequence the sports hall was difficult to teach in during bad weather.

The decision was made with main contractors Heddle Construction Limited to completely retrofit the sports hall using an APL (Architectural Profiles Limited) Energi™ Roofing System.

Energy efficiency was the driving objective in the project. The system installed achieved an improvement in insulation U Value which, on its own would have made a major reduction in excess of 30% to energy consumption, but was in fact also combined with improvements and upgrades in venting system and the windows to complete the programme.

Mr Stephen Crawford, Business Manager at Stromness Academy, said “the most noticeable change since we had the over-cladding is the absence of weather noise and the consistency and control we now have with internal conditions and temperatures... we can now use the facility all year and whatever the weather which is excellent news”

APL Energi™ Roof consists of APL’s patented Tritherm spacer/fixing system, the appropriate thickness and specification of insulation material to suit the design requirements and either sheet delivered or on-site rolled standing seam roofing profile.



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