



Montrose Sports Center, Scotland

Active participation in sporting activities is one of the best ways of staying fit and healthy. Community swimming pools and sports halls have never been more popular and have a vital role to play in fitness and well-being.

One community which has invested in new sports and public health facilities is Montrose in Scotland. At the heart of the striking new sports center in Montrose is a nine lane swimming pool but the building is about far more than swimming. The building was designed to act as a community hub, deliberately incorporating informal public spaces, including a café and a viewing gallery, in addition to the swimming pool, sauna and fitness suite.

It was obvious from an early stage that keeping such a large public building clean would require a ducted air-conditioning system to keep the air in the building circulated and healthy.

Ducted air-conditioning systems present several challenges. When properly installed a ductwork system should be completely air-tight but in practice this is difficult to achieve and particles from outside the duct can be drawn into the air-stream.

Preserving indoor air-quality means ensuring that the insulation in close proximity with air-ductwork is free from particles and chemicals that could aggravate respiratory conditions.

In Montrose insulation contractors Darroch elected to install Kaiflex Protect Alu-NET on all of the air-conditioning ductwork.

Kaiflex insulation is free from dust and fibres and the moisture resistance structure effectively inhibits mould growth. By installing Kaiflex there was nothing that could possibly migrate into the air-stream.





kaiflex[®] ALU-NET

Attractive Aluminium Foil Finish
Protects against impact
Cleanable Surface



Kaiflex certainly played a key role in maximising indoor air-quality but, with much of the air-ductwork clearly visible where it passes through the many public areas in the building, it also needed a high quality visual appearance to match the smart design of the building itself. Alu-NET, a superior reinforced aluminium foil – applied on Kaiflex insulation – enhanced the visual experience of the building whilst also providing an easily cleaned surface finish.