

# ACTIS INSULATION USED IN £15.080m HOSPITAL DEVELOPMENT

***“ACTIS multifoil chosen for use in hospital development due to ease of installation and environmental benefits”***



Abergele hospital in North Wales was originally built in 1910 by the people of Manchester for children from the city who suffered from TB. In 2006 after an extensive site search Abergele Hospital became the preferred option for the new Child & Adolescent Mental Health Unit. Laing O'Rourke were brought in as the supply chain partner on the project using the architectural practice Design Buro to design the new development and put forward materials which would be used.

To deliver the project on time and within budget the decision was made to construct the building with a timber frame. ACTIS Insulation were then approached with the view to using its TRISO-SUPER 10 multifoil insulation in the roof.

The thin multifoil product was chosen as it enabled developers to quickly and effectively insulate the building. Traditional thick insulation is very time consuming to install and also uses up a lot more space. The thin multifoil meant that the team could insulate 3500m<sup>2</sup> in approximately half the time.

In addition to its ease of installation, by using ACTIS multifoil, a number of environmental benefits were also achieved. Firstly, the thermal performance of ACTIS' TRISO-SUPER 10, which provides the same insulation benefits as mineral wool products up to 210mm thick\* means that the hospital will be able to reduce its energy consumption and ensure that the building remains at a comfortable temperature for its patients, all year round. Secondly, because multifoils take up infinitely less space, the materials were able to be transported in fewer lorry loads than would have been required if thick insulation had been used.

“This was a key factor for the client,” explains Steve Horton, Area Sales Manager at ACTIS Insulation. “The programme for materials went out to tender and was secured by a Scottish branch of Sheffield Insulations. Because these materials were then transported to North Wales, the fewer runs required meant that the environmental impact was kept to a minimum and cost savings were made.”

The installation of ACTIS multifoil was completed in September 2008. The purpose built unit is now undergoing the final stages of construction and is set to open its doors in the summer of 2009.

\*Thermal performance equivalent to 210mm of mineral wool ( $\lambda = 0.04$ ) based on comparative tests conducted under real conditions and certified by BM TRADA Certification Ltd.

To find out more about ACTIS products, visit [www.insulation-actis.com](http://www.insulation-actis.com)

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#### **Notes to editors**

*ACTIS is a French SME based in Limoux in the Languedoc-Roussillon region, that specialises in the design and manufacture of thin reflective multifoil insulation products for use in construction (roofs, gables, walls and floors). Mr Riedel, founder of ACTIS, invented thin multifoil insulation in 1980, and ACTIS is the leader in this field with a 65% share of the European market. Currently, thin multifoil insulation products represent 6% of the UK insulation market.*

*ACTIS is established in the United Kingdom, France, Belgium, Luxembourg, Germany, Spain and Italy, and is supported by a distribution network (specialist insulation distributors, builders' merchants and DIY superstores) of 10,000 points of sale in Europe.*

*Since 31 January 2003, ACTIS has been part of the Laurent Thierry Group, suppliers of technical textiles to the automobile industry. This group includes some 210 employees and had a turnover of € 105 million in 2007.*

#### **For more information and photography please contact**

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