

**ENQUIRY NO: 183321/12**  
**MASONITE BEAMS HELP NEW AYRSHIRE SCHOOL TARGET 'EXCELLENT' BREEAM RATING**

The TRADIS® Closed Panel Wall and Roof system featuring Masonite products has helped South Ayrshire Council to target an 'excellent' rating under the Building Research Establishment's Energy Assessment Method for a new primary school in the village of Colmonell. The project is due for completion at the end of December.

Following a limited design competition, ARPL Architects proposal was selected and the design team appointed. Stewart Glendinning of ARPL architects of Ayr comments: "Our initial brief from the client, South Ayrshire Council, was to design and construct a school which would meet both their educational requirements and achieve a BREEAM rating of 'excellent'. The TRADIS® wall panel enabled us to achieve a highly insulated external envelope with a U value of 0.16W/m<sup>2</sup>K using recycled newspaper insulation. In addition, the TRADIS® panels contributed to achieving greater air tightness and reduced site time, with the entire external envelope of the 600 sq.m. school being erected over the course of just one week.



**ENQUIRY NO: 182948/12**  
**MUMFORD & WOOD PROVIDES A FINE VIEW OF BLACKHEATH**

Conservation™ timber windows and doorsets, by specialist manufacturer Mumford & Wood, have been specified for several of the traditional-style annex properties of the 300 year old Morden College in the London Borough of Greenwich.

Conservation™ ECO sash windows and doorsets are being used extensively in the refurbishment of the 20th century annexed properties which provide residential care for the elderly. The College, a registered charity, also manages other properties in Blackheath which have been refurbished with high performance energy rated timber windows by Mumford & Wood.

Conservation™ ECO sash windows achieve Window Energy Ratings of C - A, depending on specification, and surpass the requirements of Part L Building Regulations 2013.

Mumford & Wood use premium quality, clear grade laminated larch for strength and stability. Factory finished windows and doorsets are double glazed and carry BSI Kitemark and Energy Saving Trust approvals.



**ENQUIRY NO: 183168/12**  
**ECO-LITE™ SLIM PLUS**

N&C Glass, Part of Nicholls and Clarke Group of Companies have recently launched Eco-lite™ Slim Plus, an exciting new sealed unit for the renovation of traditional timber windows.

Eco-lite Slim Plus retains all the benefits of a standard unit, yet incorporates warm edge technology and a reduced sightline of only 5.5mm. As details are paramount when retaining a buildings' established appearance, N&C Glass pride themselves in offering high performance glass options that accentuate the beauty of period properties yet attaining modern features that eradicate problems caused by old windows.

Eco-lite Slim Plus is available in a range of finishes available for renovating or the restoration of period properties. Each option offers a reduced sightline and is fully compliant to parts 1 - 6 of the European Standards for the manufacture of insulating glass units.



**ENQUIRY NO: 182949/12**  
**SIKKENS SPLENDOUR AT PORTMAN MEWS**

Portman Mews in the heart of the West End has been transformed into a multi million pound, mixed-use commercial office and retail development. In terms of visual impact, the appearance of the new building has been enhanced by the use of Sikkens joinery coatings on the timber windows.

The development by the Portman Group is located between Oxford Street and Portman Square and involved the demolition of a group of period buildings to make way for the construction of a brand new structure arranged over five levels.

Long term Sikkens customer, George Barnsdale and Sons manufactured and installed 66 inward opening doorsets in European Oak hardwood, fully factory finished in a dual colour scheme with Sikkens Cetol WF955 light oak stain to the exterior and Rubbol WF378 white paint on the interior. The slender timber sections were required for their elegant appearance as well as their excellent acoustic properties to moderate sound. The bespoke units were modified with ironmongery typically used on the company's high performing tilt and turn windows.



**ENQUIRY NO: 182905/12**  
**STREBORD TECHNICAL MANUAL VERIFIED BY BM TRADA Q-MARK**

Falcon Panel Products Ltd has taken the unique step of asking BM TRADA Certification to verify the technical content within its new Strebord Technical Manual (Version 8) with respect to its certified details. The manual spells out the scope of applications for Strebord cores, as laid down in the Global Assessments, to be used for high performance fire doorsets. Falcon believes that the manual is the most comprehensive guide on the market for manufacturers, fire officers, architects and specifiers.

For more information email [cif@chilternfire.co.uk](mailto:cif@chilternfire.co.uk). To view the manual visit [www.falconpp.co.uk](http://www.falconpp.co.uk).



**ENQUIRY NO: 182592/12**  
**SÖDRA FOCUSES ON DEVELOPING THE CONSTRUCTION OF TIMBER BUILDINGS**



Södra is to build a tennis centre in Växjö from wood according to the design of the winning entry in an architectural competition held last spring. The aim of the project is to raise timber construction to new heights and develop a concept for the sports hall of the future. The building will also give Linnaeus University in Växjö the opportunity to study timber construction for research and development purposes.

As one of the leading forest products companies in Europe, Södra's ambition is to play a part in the continued development of timber as a construction material. This initiative was launched 15 years ago with the Wälludden project, the first apartment block in Sweden to be built using a timber frame construction.

To support the development of timber construction, Växjö municipality also took the decision to set aside the area surrounding Södra's main office and Linnaeus University for buildings in wood. One of the projects is the Limnologen quarter where the highest apartment buildings in Sweden using timber frame construction were recently built. The project consists of four seven-storey buildings.

Some 18 months ago, to further boost the rate of development, Södra announced an architectural competition for the design of a new concept tennis centre made of timber. The response was extremely positive with a total of 193 proposals from 23 countries.

"The competition criteria focused on designs which were energy-saving, cost-effective and flexible, bearing in mind the size of the building. It was also important for applicants to present a solution that could be replicated in other locations," said Peter Nilsson, President, Södra Timber.

The winning entry was Tennis + trä by Kent Pedersen Arkitektfirma in Hellerup, Denmark. In the words of the jury, the concept "made good use of the strength and character of timber".

Together with the Davis Cup trio of Stefan Edberg, former world tennis champion, Carl-Axel Hageskog, ex-Davis Cup captain and professor at Linnaeus University, and Magnus Larsson, assistant Davis Cup captain, Södra has continued with the work by assessing the cost of building the winning concept as well as the initial draft planning.

Södra has now taken the decision in principle to build the tennis hall adjacent to Södra's main office in Växjö. The intention is to build the hall using so-called passive technology which involves very little energy consumption. The building will also give Linnaeus University the opportunity to study timber construction for research and development purposes.

"This is not only a concept for sport but also a concept for energy-efficient and climate-friendly construction. This is where timber construction technology gives us an advantage, both during the construction period itself and during the entire life-time of the building. We have known for some time that constructing buildings in timber is the best way of achieving long-term carbon dioxide capture and storage," said Leif Brodén, President and CEO, Södra.



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**ENQUIRY NO: 183785/12**  
**ENERGY SAVING INDOOR CLIMATE CONTROL**

Steico shows Europe's leading expertise in natural wood fibre insulation and construction solutions for the perfect year round energy saving indoor climate - and healthier buildings - on Stand No S815 at EcoBuild 2011.

The range offers quality and performance using certified sustainable materials while reducing CO<sub>2</sub> emissions and saving on energy consumption. They provide cosy warmth in winter and a cool retreat in summer for houses, commercial and industrial buildings. Insulations like Steicoflex and Steicotherm help meet new Part L, the Code for Sustainable Homes. They comply with all UK and EU legislation as do engineered flooring and structural products like Steicowetherdek and Steicostratlam. All are ideal for new build, refurbishment, selfbuild and DIY projects.

See more at [www.steico.co.uk](http://www.steico.co.uk)



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