

# REFLECTIONS NEWSLETTER

#13 Summer 2013

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REYNAERS  
aluminium



Justin Hunter

## The bad news and the good news

by Justin Hunter,  
Managing Director, Reynaers UK

Firstly, it's important to reflect on the full severity of what we have all endured during the past five years. To sum up, by the end of 2012, the Construction Industry was still 18% smaller than it was at its peak back in 2008 and it is actually at the lowest level since 2001. With a further 1.5% decline expected in 2013 that really is a difficult market. In such a landscape survival is success, profitable growth is exceptional.

However the forecasts, and for the first time for 5 years, the actual feeling on the ground, is that there are now strong signs of a weak recovery for 2014. Don't get me wrong, I am usually extremely sceptical when I hear politicians or so-called "experts" making sensational "jam tomorrow" predictions. Nonetheless, despite my usual reluctance I really do agree with them this time. So many widespread and disparate indicators are pointing to an end to the annual decline during 2014.

My preferred choice of pundit, the CPA, are actually forecasting that Construction Industry output is set to grow by 2.2 % in 2014 and a further 4.5 % in 2015. Now that would be good news!

## Easing through the complexities of CE marking



The new CE marking legislation became mandatory on 1st July. To help prepare our customers for the change, we held a number of dedicated seminars across the country to explain the complexities to over 50 representatives from our window fabricator and installer partners.

Presented by our Technical Director John McComb, the seminars provided a step by step guide to the requirements and responsibilities of manufacturers and fabricators, with regard to CE marking, explaining the method of cascading Initial Type Testing (ITT) data. A full list of CE Passports was made available to attendees, along with dedicated manuals, which will enable fabricators to complete product Declarations of Performance (DoP) - a requirement before being able to CE mark.

At the seminars John explained the procedures that start with ITT, where all the relevant elements are tested to ensure they comply with the appropriate standards. Next he covered the Factory Production Control (FPC) that ensures products are manufactured as per Reynaers fabrication procedures and that they meet performance criteria identified as part of the DoP.

The presentation covered the DoP and the information that this needs to contain, such as essential characteristics and intended use of the product.

The presentations showed our partners how all the testing and preparation has been completed by Reynaers, stipulating that there must be an agreement between Reynaers and the fabricator which, in turn, gives them full rights to use the CE Passports. Question and answer sessions concluded each seminar.

"In Europe we have been using CE marking for a considerable time and there really is not any great mystique, but should there be any confusion then we are always here to support our fabricator and installer partners," added John McComb.

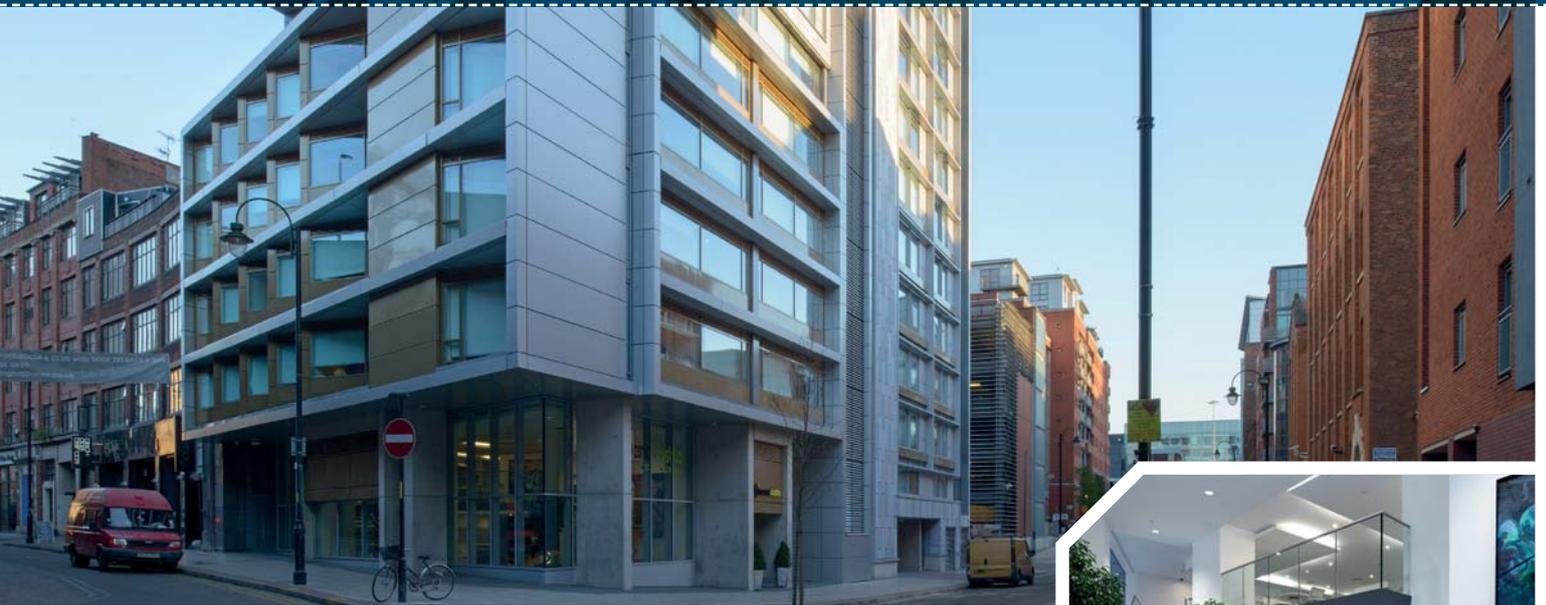
The CE Passports are available to download on the Reynaers extranet [www.reynaers-extranet.com](http://www.reynaers-extranet.com)



### In this issue...

- Heights of student accommodation
- Energy efficient systems
- New Reynaers website
- Enhanced thermally efficient windows & doors
- And our winner is...

# Great Marlborough Street, Manchester



## Taking student accommodation to the next level

The recently completed Student Castle on Great Marlborough Street, Manchester, is the tallest student accommodation in the world and dominates the skyline as the third tallest building in the city.

Designed by architects Hodder + Partners, the slender, eye-catching building stands at 33 storeys, containing 520 bedrooms and features our Reynaers Aluminium systems throughout.

The development consists of a podium element at street level with double height glazing and angled fenestration above, set back to facilitate a sheltered pavement area, with four distinctive towers of differing height sitting about the podium.

A feature of the development is the large runs of our curtain wall systems CW 50 and CW 60, which provide unobstructed views across the city while facilitating entry of high levels of natural light into the building.

To develop the curtain wall systems for Great Marlborough Street, we designed and tested 6 bespoke cap profiles. One of which was key to ensuring that the insulated aluminium panels, which are a prominent design feature of the building, glaze flush with the curtain wall cap profiles. Another feature of Student Castle is the distinctive protruding box detail around the windows of the towers which creates an extremely striking feature by giving the glazing a framed effect. Further bespoke elements facilitate the omission of mullions on

certain window positions, as part of the building's individual design characteristics.

To accommodate larger glass panels as well as tolerate greater deflection, we installed CW 60 thermally improved curtain walling to allow for any movement of the towers. The system also facilitates the integration of a sunscreen system.

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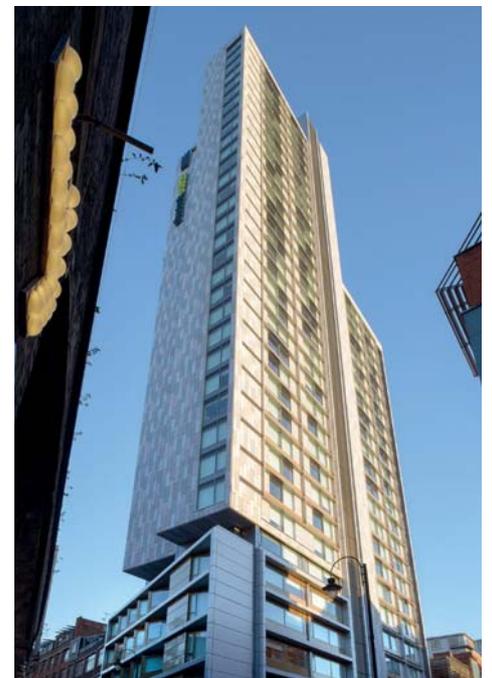
### Further bespoke elements facilitate the omission of mullions on certain window positions, as part of the building's individual design characteristics.

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Our CS 68 and ES 50 window systems feature throughout the state-of-the-art student accommodation.

Vision 50 is utilised on all ground floor access doors with the system allowing the integration of numeric keypad entry to permit secure 24/7 access without compromising the building's security.

**Architect:** Hodder + Partners, Manchester  
**Contractor:** Shepherd Construction  
**Systems:** CW 50 and CW 60 curtain walling, CS 68 and ES 50 windows, Vision 50 ground floor entrance doors



# County Hall, Trowbridge



## Energy efficient systems for county hall

Bright, airy and a need to reduce energy consumption by 40 per cent were the requirements for the County Hall in Trowbridge.

The £22 million refurbishment incorporates a 1930s civic building and a tired 1970s office extension with an underutilised external courtyard.

Our CW 60, CW 60-SC and CW 50 capped curtain walling systems feature on the external courtyard which is covered with a new 'bubble' roof creating a vibrant space between the buildings. The sides of the courtyard open into a new public library, registry services and meeting rooms utilising

our ES 50 windows and doors and Vision 50 ground floor entrance system.

CW 50 curtain wall systems provide both thermal insulation and flexibility of design for much of the glazed façades whilst for the larger, heavier glass surfaces our CW 60 curtain walls were installed offering a significant contribution to reducing energy consumption, meeting the aims of the project.

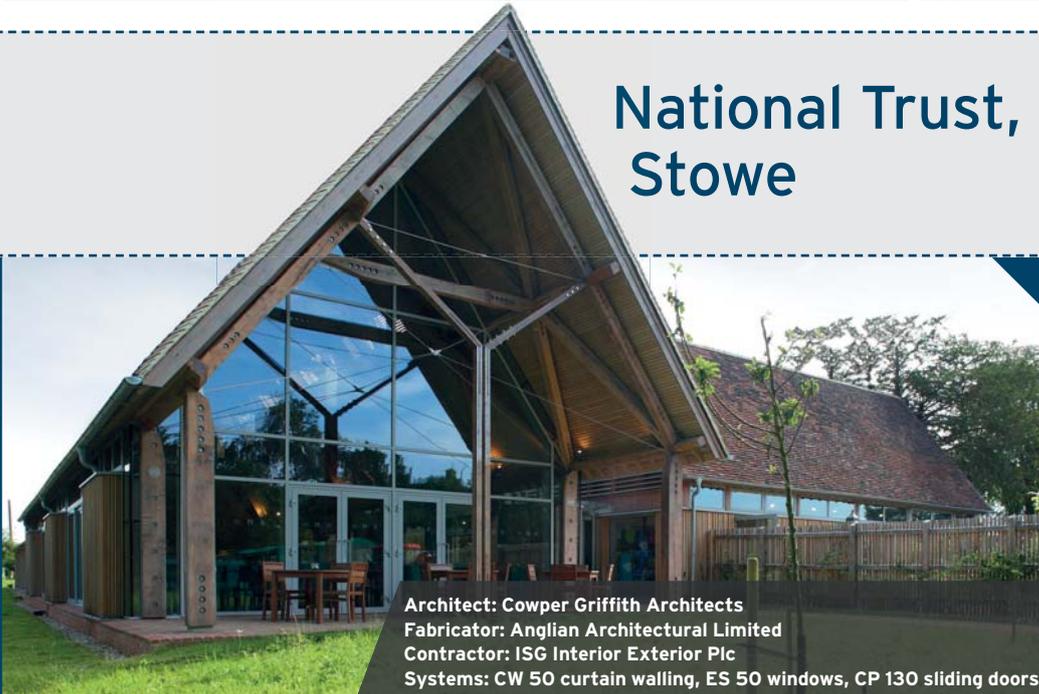
A BREEAM 'excellent' rating has been targeted due to the high level of energy savings made via a culmination of energy efficient glazing, thermally upgraded walls and roof as well as a complete building services overhaul.



Architect: Stride Treglown  
Fabricator: System Glaze  
Contractor: Kier Group

Systems: CW 60-SC, CW 60 & CW 50 curtain walling, ES 50 windows and doors, Vision 50 ground floor entrance doors

# National Trust, Stowe



Architect: Cowper Griffith Architects  
Fabricator: Anglian Architectural Limited  
Contractor: ISG Interior Exterior Plc  
Systems: CW 50 curtain walling, ES 50 windows, CP 130 sliding doors



Previously left in a derelict state, in 2010 restoration began.

## A contemporary addition to Georgian restoration

For the first time in 150 years, visitors to Stowe are able to view its breathtaking gardens in the way they were originally intended after a £9 million project to restore its gateway, the New Inn.

Previously left in a derelict state, in 2010 restoration began. Now the grade II listed building is fully restored to its original condition, with a

new visitor centre facility providing a route to the gardens.

A contemporary re-interpretation of the traditional timber framed barn that once stood on the site, the visitor centre utilises our Reynaers aluminium systems throughout. These both secure and complement the structure, which uses a diagrid

roof, with the walls left almost entirely glazed with our CW 50 curtain walling system.

Sustainability being a focus, our ES 50 windows were installed, adding to other sustainable elements of the design, such as the locally sourced timber and the biomass boiler heating system.

## PRODUCT FOCUS

### Improved thermal values for existing window & door ranges

**CS 77-HI+**

**CS 86-HI+**

**ES 50-HI+**



Due to the growing demand for thermal efficiency in buildings, we have recently launched additional products within our existing window and door ranges which allow even better U values to be achieved. The new sub-systems are CS 77-HI+, CS 86-HI+, both available immediately, and ES 50-HI+ (formally Eco System) which will be available by the end of August. These products are all still available in their original format but the additional subsystems will give you even greater flexibility to meet specifiers needs. All systems are available as inward opening and outward opening in a range of colours.

## We've a whole new look coming on-line

A whole new look is scheduled to take place on our Reynaers website in the coming weeks when we switch over to a sleeker, easier to navigate style.

"It has been a while coming and the finished article is the result of a lot of analysis, development and hard work," explained Marketing Manager Rebecca Cope. "In its new form the website will combine ease of operation with improved functionality putting lots more detail at users' fingertips."



Designed to be completely up-to-date and with the latest technology, the site will be in line with today's browsers as well as mobile devices, making access both slick and fast given good connectivity.

## At hand to help our customers

On the other end of the phone to help you we have some new members of the Customer Service Team, Teresa Baker and Sian Morris.



Left to right: Jayne White, Rachel Steadman, Samantha Rann, Teresa Baker

Headed up by Rachel Steadman the Customer Service Team includes long serving members of staff Jayne White, Stock Controller and Samantha Rann who looks after the South of England. New to the team is Sian Morris (who unfortunately missed the photo call) covering customers in the North of England and Teresa Baker specifically looking after Reynaers at Home customers.

"We are always looking at ways to help our customers, responding to any problems quickly and efficiently," added Rachel. "So, if we can help, then just give us a call."

## And our winner is...



Our Ecobuild competition aimed at 'getting inspired by great architecture around the world' was won by Kevin Smith, Associate Director - Sales & Estimating at specialist contractor Prater.

"We received 100s of entries this year and were particularly pleased with the interest generated during the Ecobuild exhibition at ExCel, London," said Paul Duffy.

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