

# Update

BECO

Beco Products Limited  
Telephone: 01724 747576 Fax: 01724 747579  
e-mail: [info@becowallform.co.uk](mailto:info@becowallform.co.uk)  
website: [www.becowallform.co.uk](http://www.becowallform.co.uk)



## Three Rivers Housing Group

**Three Rivers Housing Group, a leading housing association in the North East of England, is continually striving to produce higher quality and more eco friendly homes for their customers, while at the same time maximising efficiencies in their production.**

To meet these aims, they have used the Beco Wallform System on a Bungalow development at West Rainton in order to reduce construction time, thus also reducing preliminary costs such as site set up and supervision costs.

David Brown, Development Manager at



Three Rivers chose to use the 313 system, as it gives 'U' values of 0.19 for the walls, far in excess of current or indeed future standards. The Bungalows have been designed to "Lifetime Homes Standards" and also to achieve an Eco Homes Rating of Very Good. As for the end users, the customers, they will have the opportunity to live in well designed and comfortable homes which will cost less to heat during winter and in the hotter summer weather will stay cooler due to the Thermal Mass of the Beco System. Mr Brown continued: "The whole Project Design Team, including contractor CGR Ecohomes and Beco Products, have worked well together to bring the scheme about on what is a very restricted site and with tight budgetary constraints. Such is our confidence in the Team and the product, that we are already working on the next two proposed scheme designs."



## BLOGGING BECO WALLFORM

Designed with Sustainability very much in mind, the Sheffield City Council Design Team have incorporated various features in the new Sharrow School development to improve energy efficiency, reduce carbon emissions and create an environment which will stimulate and encourage the primary education of future generations.

**Continued overleaf >>**

Visit our website at  
[www.becowallform.co.uk](http://www.becowallform.co.uk)



# BLOGGING BECO WALLFORM

(continued from page 1)

Beco Wallform has been specified for the building below ground, providing not only the retaining wall structure but also the thermal insulation system. Heating is obtained through a ground source heat pump and also by solar gain through glazing on the exposed elevation. Bio-diverse roofing and rainwater recycling systems serve to reduce environmental impact and make positive use of natural resources.

Sharrow Construction Buddies are keeping a watchful eye on the progress

of their new school building in Sheffield. To keep everyone informed of progress on the project they have set up a website and diary which is kept up to date by colleagues Brix and Morta. Having observed the construction of Beco WALLFORM, they duly reported:-  
 "We've been away to visit the place where the BECO blocks are made....what are they? Well they are 'Insulating Concrete'

sandwich! Big blocks made of polystyrene (which is very light but quite strong) are put together just like LEGO blocks. They have a space in the middle and this is filled with concrete (and some steel bars to make it stronger). We have used ours to make a 'retaining wall' that's a special wall that is round the back of the nursery up against the ground and it holds the ground back, so it has to be strong and keep the water out."

To update on the project: [www.sharrowconstructionbuddies.blogspot.com](http://www.sharrowconstructionbuddies.blogspot.com)



## Energy saving Beco WALLFORM





# XYPEX Waterproofing Speeds Up Basement Construction.



Beco WALLFORM is frequently used to construct basements, mainly because it is quick, practical and provides an insulated structure below ground which can be used as extra utility or habitable space in the building. On brownfield and sloping sites where the additional cost of a basement can be offset against deeper and more expensive general foundations, basements and semi-basements are becoming a much more common specification.

The key to successful basement construction is not so much building the structure, however, as ensuring that it is waterproofed against the ingress of moisture from the ground. This may be achieved by various different methods including external or internal drainage systems, a waterproof membrane system or building the structure using waterproof concrete.



Xypex waterproofing additives were used for this project in Yorkshire by B.A.G. Building Co. to save time and labour in the construction of the basement slab and walls. The Xypex additives were batched into the concrete at the ready-mixed concrete plant

and then pumped directly into position onsite, achieving both the waterproofing and the structure in the same operation.

Website for more information:  
[www.xypex.com](http://www.xypex.com)

**Quality Façade Systems and Finishes**





**MARMORIT UK GMBH**  
 1 PORTVIEW ROAD  
 AVONMOUTH  
 BRISTOL  
 BS11 9LS

TELEPHONE  
 0117 982 1042

FAX  
 0117 982 3025

EMAIL  
[sales@marmorit.co.uk](mailto:sales@marmorit.co.uk)

WEBSITES  
[www.marmorit.co.uk](http://www.marmorit.co.uk)  
[www.marmorit.de](http://www.marmorit.de)  
[www.fassadium.de](http://www.fassadium.de)



**FOR THE WIDEST RANGE OF RENDER SYSTEMS SUITABLE  
 FOR USE WITH THE BECO WALLFORM SYSTEMS**

Name: \_\_\_\_\_ Self-Builder  Trade Enquiry

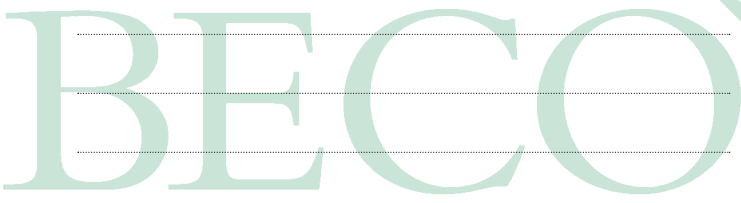
Address: \_\_\_\_\_ Profession: \_\_\_\_\_

Project: \_\_\_\_\_

To build in: 1 year  2 years  3 years

Postcode: \_\_\_\_\_

Phone No: \_\_\_\_\_



# Energy Oasis at Tatton Park

Building on their success in previous years Finchale Training College, a vocational rehabilitation centre for adults, won a Silver Award for their exhibit "THE ENERGY OASIS" at this year's RHS Flower Show at Tatton Park.



The theme of the garden was reclamation and rebirth through renewable energy, each element of the stand representing part of the rehabilitation process. The plants signified sustainable growth and a bright, long-lasting future while solar panels identified the hidden energy available in times of crisis.

WALLFORM was used to construct the curved seating area, representing the college staff, a haven of support.

Our congratulations to all at Finchale College.

[www.finchalecollege.co.uk](http://www.finchalecollege.co.uk)



## Stylish design with Beco WALLFORM

# Energy Savings

Beco WALLFORM insulation is a **passive energy system** - once installed it reduces energy loss consistently and permanently with **no maintenance** required and **no bills to pay**, even as the cost of energy increases!



Wall Insulation  
U-value (W/m<sup>2</sup>K)

0.30  
0.19  
0.14  
0.11

Reference

WALLFORM 250  
WALLFORM 313  
WALLFORM 375  
WALLFORM 438

passive energy  
buildings

