

DREAM! A 20 metre high concrete sculpture overlooking the landscape at St. Helens in Lancashire

Cordek Ltd were invited to supply the 54 intricate moulds for Evans Concrete Products to produce the pre-cast sections that would become the Dream.

The complex moulds were manufactured on Cordek's CNC 5 Axis router.

Our series of photographs show how the work then progressed.

Designed by Spanish artist Juame Plensa, Dream is part of the Channel 4 public art initiative, the Big Art Project. Engineers for the project were **Arup**.



The 'Topping Out' ceremony was held on 21st April 2009



Cordek were pleased to welcome the Channel 4 cameras to Slinfold to record the manufacturing process.



Swimming Pool Overflow

Cordek have supplied polystyrene formers lined with Correx, to form overflow channels on a number of swimming pool contracts. The most recent was the Pool Extension at the Wallsend Sports Facility, in Tyne & Wear.

Main contractor for the project is **Gordon Durham Ltd** and the engineers are **Arup**.



Formers in position

Dublin Gets a Work of Art

With its unique, sweeping, double curvature parapets framing the roadway, the new Spencer Dock bridge in Dublin is in a class of its own.

Cordek are delighted to have played a major role in this project, having worked closely with the architects **Future Systems**, during the initial design stages.

In total they supplied 20 individual shutters to the pre-cast contractor **Creagh Concrete** who used them to create the uniquely shaped parapets. Routed from high density expanded polystyrene, Cordek fibre-glassed the shutters to enable them to be re-used and to ensure an excellent finish.



Weight Watching With Waffles

Cordek's lightweight expanded polystyrene waffle moulds are a proven way of forming in-situ ribbed floors, and they provide significant savings on both weight and concrete usage.



A two way spanning floor was designed by **Scott White Hookins** to meet their structural requirements, but also to save weight on a new music centre at Headington School in Oxford.

The main contractor was **Kingerlee** who were pleased with the ease of construction and quality of finish obtained.

Cordek waffle moulds can be supplied to almost any cross-section.

Media City comes to Manchester

Cordek have supplied 14,000 square metres of Ventform, grade 100/20, to the site of Media City UK, which will house new studios for the BBC in Salford Quays.



The Ventform panels created a very effective method of dispersing the hazardous gases and also provided a high level of insulation. A sustainable solution designed by **Jacobs**. The main contractor is **Bovis Lend Lease**.



CHAMPAGNE WINNERS

Spot the golf ball was the question, and in the picture below we've highlighted it for you.



We received a large number of entries including one where the ball bounced off a cow (digitally introduced) into the camera lens! The nearest entries were:

Kathryn Morgan of Bailey Teswaine
Jon Moulding of JLM Architecture
David Craig of Mott MacDonald



Leigh Donohoe & Kathryn Morgan



Dale Lyon & David Craig



Simon Roberts & Jon Moulding

Adding Value With Cellcore Plus

Cellcore Plus, with an increased thickness of the expanded polystyrene top is designed to provide a higher degree of insulation than the standard Cellcore panels, while at the same time protecting against ground movement.



That's exactly what the specifiers, **Design Engine Architects**, required on a new building at Oxford Brookes University. As one of them said, 'This will take away the need for subsequent insulation'.

CORDEK AT THE CHELSEA FLOWER SHOW

Cordek formed the boundary walls and planters for the Cancer Research UK's show garden at this year's Chelsea Flower Show. Manufactured from Filcor high density expanded polystyrene, they were then rendered by **Armourcoat Ltd** and **Regency Plastering Limited**.

The designer was **Robert Myers** and **Willerby Landscapes** were responsible for installing the wall and the garden.



The garden won a silver gilt medal

Post Tensioned Trough Moulds

200mm deep Cordek Moulds were specified on the Rolls House development in Fetter Lane. The combination of a ribbed floor and post tensioning provided a very effective method of forming long spans with the minimum of concrete.

The moulds were installed by **A J Morrisroe** and the main contractor was **Carillion**.



Contract Update



■ Contractor **Stewart Milne Construction** is building a new farmhouse at Brook Farm in Stirling, close to the site of the Wallace Monument. With poor soil a feature of the site, Cordek's Filcor expanded polystyrene is being used to reduce the loading from the heavily reinforced concrete slab.

■ Cordek were approached by the contractor **Forcia Ltd.**, to create an effective solution for the roof design of this two storey extension in London. The result was a jigsaw of double curvature units, routed from medium density expanded polystyrene. These were then fixed to a plywood base, to provide a unique finish to the roof.



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■ Some 2,000m² of Cordek's Powerbase MB420 gas membrane is being laid on a site at City Quay, Dundee, to protect two new buildings from the ingress of hazardous gas.



The membrane, which will also serve as a DPM, is being installed by Substructure Protection Services. The contractor for the project is **Muir Construction**.



■ Cordek's permanent shuttering system, Groundform, was selected by the contractor **Leander Construction Limited** for forming the ground beams and pile caps at this new community housing project in Warrior Square, Ilford. The Groundform system is tailor-made to site requirements. It reduces dig and concrete wastage, and is quick and easy to install with a minimum of skilled labour.



WIN A MAGNUM OF CHAMPAGNE

Plenty of health but not too much safety in this picture!



Perhaps they're a little light headed from working in a city that's over a mile above sea level!

Tell us which country you think the work is taking place in and you could win one of the three magnums of champagne we've got on offer.

Send your entry, together with your name and contact details to:
The Editor, Cordek Ltd.,
Spring Copse Business Park, Slinfold, West Sussex, RH13 0SZ

New Blood For Cordek Sales Team!

Cordek are pleased to announce the appointment of Jennifer Dunlop, as Technical Sales Executive for their South East Region.



While her early background and training was as a technician/photographer, an extensive period of travelling brought a change of direction, and she now brings over five years sales experience in the building industry to her new job. We all wish her well.

A More Convenient Way

If you would like to receive future issues of our newsletter by email, just send your address to editor@cordek.com and quote Cordek News.

Email entries should be addressed to: editor@cordek.com