

2010

Overall Winner & Building Category Award | AVIVA Stadium



Concrete is an essential part of this outstanding structure. Its beauty and strength is expressed by leaving the primary structural elements exposed throughout. Detailing of the concrete and quality of finish is excellent and is a key feature of the overall design. It is truly an example of the potential of concrete as both a structural and architectural aspect of a major building.

Sustainability considerations were a high priority on this project, not just in respect of its energy consumption during use, but also

in construction. As an example, concrete from the demolition was crushed for reuse on site, and reinforcement similarly recovered from demolition was recycled.

Project Details:	Client:	Lansdowne Road Stadium Development Group
	Engineer:	Buro Happold
	Architect:	Scott Tallon Walker
	Contractor:	John Sisk & Son
	Major Supplier:	Kildownet/Banagher/Techrete/Cemex

Infrastructure Category Award Winner | Structure B11, Cratloe, Limerick



The proportions and scale of this major viaduct are expressed in simple aesthetics.

The concrete design and construction are of the highest quality and settle perfectly within a rural environment servicing a very busy traffic flow. Structure B11 of the Limerick PPP Scheme, is in County Clare, near the western end of the Limerick Tunnel.

Project Details:	Client:	NRA / Direct Route (Limerick)
	Engineer:	Roughan & O'Donovan
	Contractor:	Direct Route (Limerick) / John Sisk & Sons
	Major Supplier:	Roadstone Wood

Elemental Category Award Winner | Kilsaran Showroom and Display Gardens, Architectural Columns

The use of Self-Compacting Concrete is a key aspect of the winning project in this category. The finished product presents a very high standard of finish and attention to detail enhanced by the use of Self Compacting Concrete. Its versatility is evident by its use in the Company’s reception desk and corporate logo.

Project Details:	Client:	Kilsaran Group
	Engineer:	ORS Consulting Engineers
	Architect:	Mitchell & Associates
	Contractor:	Bennett Construction
	Major Supplier:	Kilsaran

Sean de Courcy Award Winner

Michael Minehane of Cork Institute of Technology for the project ‘Reinforced Concrete Beam-Column Connections’.



Jury Comment:

“The project topic is of perennial interest to structural engineers and it provides a very useful insight, particularly into corbelled joints.

An extensive programme of research and analysis was conducted and this was complemented by a comprehensive testing regime. This project would make a useful reference document for practising engineers.”