

The main attraction

Peri formwork products were called on for the construction of a visitor attraction in Belfast



CASE STUDY

Titanic Belfast, the world's largest Titanic visitor experience that celebrates and commemorates the enduring story of Titanic, opened on 31 March 2012.

Construction, which began in May 2009, saw Peri provide the formwork to construct the four outward-inclining stair cores

as well as being involved with most other parts of the structure during the initial stages of construction in 2010 to 2011.

Panel work

Formwork contractor MR Concrete has worked with Peri on numerous occasions and has invested previously in PERI

equipment. For this project, Peri supplied its Trio panel system and Variokit Engineering Construction Kit, which were used in combination to construct the outward inclining stairwell walls.

75 ha
Size of the
regeneration
site

Variokit was used to create climbing platforms to support the formwork to form the bespoke shape of three of the outward sloping stair cores. Peri's aluminium panel slab

formwork system, Skydeck, was used to construct various flat slab levels in the building, including a 6 m-high internal atrium slab.

Skydeck was also used to construct the soffit in the lower car park levels, using single 6 m-high Peri Multiprop falsework.

Using Peri's prefabrication service, the main platforms for the Variokit system were prefabricated at Peri's Rugby depot; these ready-made platforms were transported to site for use on the stairwells.

Peri deployed a site demonstrator to the site for three days to assist the customer with assembly of the Variokit platforms and shutters.

Historic site

The location of Titanic Belfast was chosen because the site is metres away from the slipways where the Titanic and her sister ship Olympic were constructed

and launched. Already described as a must-see attraction for any visitor to Belfast, Titanic Belfast will be the iconic focus of the regeneration project which covers 75 hectares of the waterfront, now known as the Titanic Quarter.

Peri managing director Carl Heathcote says: "We were proud that Peri was chosen to be involved with such an iconic project; Titanic Belfast represents an important part of Belfast's history."

MR Concrete managing director Matthew Rodden adds: "We have worked with Peri products many times in the past and it is a trusted name in the construction industry."

"When we were appointed to work on this prestigious project, we knew that Peri would be best suited to meet the specific technical challenges of the job".



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