

CASE STUDY

CCL

CAST CONTRACTING
LIMITED

Huntley Wharf, Kenavon Drive

A landmark residential development to create a new waterside destination in central Reading, on the site of the former Huntley & Palmers biscuit factory.



THE CHALLENGE

Cast Contracting Ltd were tasked with the design and installation of a guaranteed waterproofing solution to the podium deck areas, prior to the construction of the car park and soft landscaping areas at this prestigious Berkeley Oxford & Chiltern development.

The programme consisted of three phases and included preparation works, a number of complex movement joints as well as a requirement for specialist electronic testing of the membrane.

THE SOLUTION

We proposed the use of INTEGRITANK®, consisting of a primer, base and topcoat, encapsulating GCP's 'unique ESSELAC resin technology'. To achieve a consistent finish the membrane was spray applied using a custom GRACO twin-fed spray pump.

CCL installed GCP's Colflex HN Movement Joint to raised concrete upstands to prevent water pooling on top of the joints. The movement joints were installed to all blocks across the development, in accordance with the tolerances as set-out by the Structural Engineer.

As part of our quality assurance process and sign-off procedure, we carried out Calibrated Spark Testing across all areas of the podium deck to ensure there were no defects or pin-holes across the membrane.

The entire system was covered by Cast Contracting's £10 million Professional Indemnity insurance, and our [10 Year Installation Guarantee](#).

CLIENT TESTIMONIAL

"When selecting a contractor for this project we specifically required both a design and installation service. Cast Contracting were able to demonstrate a very thorough understanding of our requirements and put together an excellent design proposal, along with the installation, backed up by their 10 Year Company Guarantee.

Their operatives were very professional throughout and provided a high quality finish at all times. It was a pleasure working with such a well organised company."

Pawal Wielechowski
Site Manager
Berkeley Homes Ltd



PRODUCTS

GCP INTEGRITANK®

GCP Colflex HN

Cast Contracting Ltd

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