



PROJECT CASE STUDY

Hale Village, Tottenham

- Architect: BDP
- Main Contractor: United House
- RIW Specialist Contractor: Cemplas



Hale Village is a £400m mixed use development in Tottenham. United House consulted RIW when waterproofing the extensive podium deck.

The Challenge

The project included multiple pedestrian walkways and landscape features above the car parking areas of this large complex. During the construction period, the podium waterproofing below the walkways needed to withstand heavy vehicular traffic and subsequent footfall from pedestrians. The waterproofing solution had to accommodate the numerous movement joints situated in the concrete deck and up-stands, prior to paving and render finishes being applied. RIW were tasked to provide a seamless, one-point-of-responsibility waterproofing solution.

The Solution

RIW Cementseal was recommended due to its excellent ability to adhere to a prepared concrete substrate, ultimately forming an integral bond to the parent concrete on both horizontal and vertical surfaces. A significant characteristic of RIW Cementseal is its ability to be applied to a damp surface, removing the need for time-consuming drying of the substrate prior to application. This feature, on such an open site, combined with resistance to abrasion and impact and the quick drying time, allowed the construction programme to remain on schedule with minimal risk of post-application damage.

The selection of RIW Cementseal resulted in a cost-effective waterproofing solution for such a large area; an obviously significant consideration for the project team.

Featured Products

RIW Cementseal

A two component polymer modified cement based waterproof coating. It cures to form a durable, highly alkaline, tough waterproof coating which protects the concrete, or other substrates, from up to 100m head of negative water pressure & carbon dioxide diffusion. Typically used for:

- Podium decks
- Basements & sub-structures
- Balconies & terraces
- Inverted roofs
- Temporary waterproofing

RIW Cementfill HB

A single component waterproof cement-based mortar, which incorporates the most advanced cement chemistry. This results in a rapid hardening, low density, high strength mortar with enhanced polymer properties.

RIW Cementjoint

An elastomeric, highly tear-resistant, breathable, composite waterproof tape. When embedded in RIW Cementseal, it gives a highly flexible, impermeable seal over live cracks and expansion/construction joints.

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