

INTEGRITANK[®] waterproofing protects prominent waterside development

St. George Developments chooses spray applied waterproofing system



Project	St. George Wharf, Riverside West, UK
Client	St. George Developments
Authorised Contractor (Waterproofing Applicator)	Stirling Lloyd Construction Ltd
GCP Solutions	INTEGRITANK [®] waterproofing system

Project

Building underground car parks in high-end developments

The INTEGRITANK[®] system has proven to be the waterproofing solution for the architects and developers of two major high profile new-build projects in what have become very fashionable areas of South London. St. George Wharf in Vauxhall and Riverside West in Wandsworth are prestigious developments of modern trend-setting apartments, shops, cafes, restaurants and other leisure facilities. The developments also incorporate underground car parks with concrete podium deck roofs, which have been subsequently landscaped to form a communal courtyard.



Protecting high-value assets

The architects for both projects set out to find a robust and effective waterproofing system that could be specified for the protection of the podium decks, not only for the decks themselves but also to combat water ingress and leakage that could damage the valuable cars parked below.



Delivering long-term waterproofing protection

The project team selected **INTEGRITANK[®]** system, a spray applied waterproofing solution developed by Stirling Lloyd (now GCP Applied Technologies).

Despite a number of trials of other sheet and membrane systems, the decision was taken to specify **INTEGRITANK[®]** for this project. A key deciding factor was simplified sealing and installation of the **INTEGRITANK[®]** system in critical areas, such as service entries and gully outlets.

The **INTEGRITANK[®]** waterproofing system, with unique **ESSELAC[®]** advanced resin technology, is BBA certified and ideal for waterproofing underground structures in both internal and external applications in accordance with BS 8102:1990. Using the system resulted in significant time savings. The areas where **INTEGRITANK[®]** waterproofing had been applied could accept vehicular and foot traffic within one hour, unlike other systems that would have to be kept clear for up to seven days and required additional protective layers before trafficking.

Another important feature of **INTEGRITANK[®]** waterproofing is its tolerance to moisture, humidity and low temperatures, enabling it to be applied at any time of the year. This, combined with its superior mechanical properties and onsite performance, means the **INTEGRITANK[®]** system will provide long-term, effective protection in keeping with the high quality of these impressive developments.

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