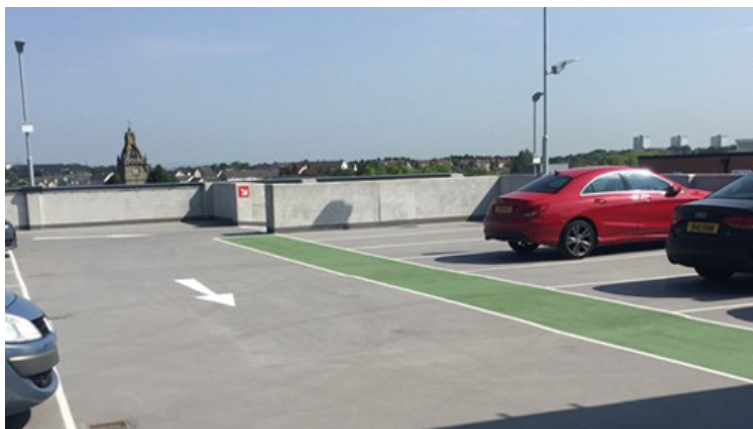


Glasgow-based Hospital Chooses DECSEAL[®] System

Cold-applied waterproofing protects new Car Park



Project	Hunter Community Health Centre Multi-Story Car Park
Client	NHS Lanarkshire
Contractor	Graham Construction Ltd, Glasgow
Authorised Contractor	VolkerLaser Ltd
(Waterproofing Applicator)	
GCP Solutions	DECSEAL [®] system

Project

Augmenting existing parking

After the recent construction of the new Hunter Community Health Centre in East Kilbride, the need for more parking to support the nearby council-owned surface car park became apparent. This led to the development of a new five-level car park made of pre-cast concrete construction. Designed with 190 spaces, including disabled parking, the new car park would support the needs of patients and staff of the Health Centre.

Selecting an attractive waterproofing system

Graham Construction was looking for a car parking deck coating system that could protect the structure from water ingress as well as provide the required Skid Resistance Value (SRV).

They needed a waterproofing system that would provide both an aesthetic and long lasting, skid resistant coating as well as providing waterproof protection for the two roof level decks that would be exposed to the elements. Grey was required throughout with green to designate walkways and blue for disabled bays.



Taking two weeks off project time

A deck coating system was originally only specified on the top two roof decks for waterproofing. However, NHS Lanarkshire had a required SRV for all floors, including car parks, **DECSEAL**[®] Wearing Course system from Stirling Lloyd (now GCP Applied Technologies) was chosen on the other floors to satisfy the specification in a way that would not have a significant impact on the budget or the project completion time.

VolkerLaster Ltd. carried out the complete application within a six-week period. Unlike most waterproofing systems that can only be applied to new concrete that is more than 28 days old, the **DECSEAL**[®] system's unique **ESSELAC**[®] resin technology enabled the waterproofing membrane to be applied after just 14 days. This membrane was used on levels 4 and 5 and the wearing course across all other levels, saving two weeks of project time.

Full on-site testing was carried out to confirm a strong bond to the deck, ensuring a long lasting, durable deck solution for the structure for years to come.

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Last Updated: 2025-05-13

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