

Job Reference

Kepplestone Development,
Aberdeen, Scotland



 **BASF**
The Chemical Company

Project Description:

Stuart Milne Homes' upmarket £20 million development is positioned within a spectacularly landscaped location in a conservation area in Aberdeen's attractive West End, on the former site of Robert Gordon University's Kepplestone campus. It offers a selection of 52 executive apartments as well as three-storey townhouses and large luxury villas within walking distance of Aberdeen's vibrant city centre, combining the convenience of a central location with exceptionally attractive surroundings. Parking at the development includes both underground and external facilities: with most car parking spaces being underground, over 60% of the development is either public landscaping or garden space.

The Challenge:

The site offered the opportunity to insert a modern residential development into a traditional part of Aberdeen, as well as to adjust ground levels for the incorporation of underground car parking and the provision of a high proportion of open green space. The site was particularly sensitive from a political and planning perspective. It was also constrained by the physical characteristics and issues including access and road capacity, the topography, the number of mature trees on the site, a listed building on site, a District Wildlife site, proximity to a Conservation Area and removal of playing fields.

As the architects' design required the installation of a podium deck to create the underground parking space without impacting on the open, green nature of the site, it was important that the podium deck waterproofing system specified could withstand both hard and soft landscaping, to include planted bamboo.



The Solution:

BASF Construction Chemicals' CONIROOF® 2111 system was specified to waterproof the podium deck, a key factor being its root resistance. BBA tests carried out to DIN 4062 : 1978 indicate that the membrane is root resistant in accordance with the DIN standard. BBA certification also states that when buried the membrane should last the lifetime of the structure.

This project was the first large-scale podium deck contract in Scotland for BASF Construction Chemicals, and the company's podium deck system was selected for being best in terms of performance, value and service in comparison with other competitors.

Application:

Around 5000m² of CONIROOF® 2111 was spray applied to the podium deck. MASTERTOP® Primer P617 was first applied, followed by CONIPUR® M810 membrane without topcoat.

Other BASF Car Park References:

United Kingdom

King's Cross Station, London

Imperial Wharf, London

Berry Bros Wine Merchants, London

Ireland

Apartments Georges Quay, Cork

Parchment Square, Cork

Royal Irish Yacht Club, Dun Laoghaire

Shopping Centre, Dundrum



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