

# Job Reference

## Cork Airport Hotel, Ireland



## Project Description:

The flat roof at the new 154-bed, 4-star Cork Airport Hotel in Ireland needed a waterproof membrane that could accommodate a range of unusual shapes and penetrations. As the roof could be accessed by hotel guests from the upstairs lobby area, the surface also had to provide a safe and durable surface for foot traffic. The solution selected for this project was the CONIDECK® inverted system, which could be combined with hard paving.

## The Challenge:

Other trades were dependent on completion of the roof membrane to begin work, so fast application and curing were important. Unusual shapes and roof openings were to be integrated into the waterproof seal effectively and reliably, without additional work or prefabricated parts, and a seamless surface compatible with hard landscaping was required.



## The Solution

The specification proposed the use of CONIROOF® 2110 inverted system with CONIDRAIN® insulation (extruded polystyrene) and paving on top. This system has a BBA Certificate no. 99/3660. Advantages of the system included fast-track curing (30 seconds), easy spray application, root resistance and the integration of awkward shapes and roof openings without any joints. Other important properties included crack bridging, UV and weather resistance and BBA-certification. The contractor had 12 years of experience of the system.

This system was selected primarily for its speed of installation: in this case the waterproofing membrane was installed in just four days within a two week period during poor weather conditions. Other trades were able to commence as soon as 2mm of membrane were in place, allowing them to begin working in dry conditions. The client was very pleased with the results and proposed to use CONIDECK® in all future projects of a similar nature.

## Other BASF Car Park References:

### United Kingdom

Kings Cross Station Redevelopment, London

### Europe

Bakeries Blansko a.s, Czechoslovakia

College Refectory, Karlsruhe, Germany

Cultural Centre, Santiago de Compostela, Spain

InfraServ GmbH & Co., Germany

Ravensburger AG, Germany

Terminal Building, Tenerife Airport

Military Shelter, Sierra Nevada, Spain

### Africa

Sofitel El Gezirah Hotel, Egypt

### Asia Pacific

Hong Kong City Office Towers, China

Grand Lisaboa Hotel, Macau, China

Vivocity Shopping Mall, Singapore



### BASF Construction Chemicals (UK) Ltd

PO Box 4  
Earl Road  
Cheadle  
Cheshire  
SK8 6QG

Tel: +44 161 485 6222

Fax: +44 161 488 5220

[www.basf-cc.co.uk](http://www.basf-cc.co.uk)

[www.basf-waterproofing.co.uk](http://www.basf-waterproofing.co.uk)