



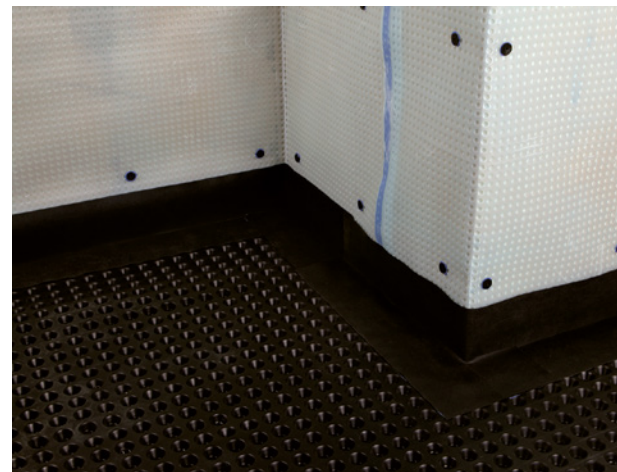
## Case Study



### PLATON MEMBRANES KEEP RIVERSIDE BASEMENT FLOOD-FREE!

Platon cavity drain membranes were specified to waterproof the basement offices of the luxury Jurys Hotel in Cork, built last year alongside the city's River Lee.

Specified by building engineers, Niall Fitzsimon & Company, the membrane system was installed by Tony O'Hea's Cork based company, Triton Conservation Systems. The sheet piled walls in the basement were lined with block work and Platon Multi membrane was fixed directly to the face of the block work using Platon Brick Plugs. Platon Multi is a 5mm polypropylene membrane which provides a fast track solution for structural waterproofing of internal walls and floors. In this instance it was used in conjunction with Platon P20 membrane, laid to the floor to provide high capacity drainage with its deeper stud profile. Both Platon Multi and P20 membranes are impermeable to water, gas and water vapour.





## Case Study



To control any water which enters the basement behind or under the membranes, a Triton Drainage System was also installed comprising PVC Aqua Channel around the perimeter of the floor and a Triton Aqua Pump and Sump. The sump was located into the floor with the removable, structural lid finishing flush with the floor level. The submersible pump was then installed inside the sump and is controlled by an automatic integral float switch. Two 12V Battery Back-Up pumps were also installed. The pumps are discharged to an independent outlet running separately from storm drains.

Triton Aqua Pumps should be regularly maintained and Triton Conservation Systems are contracted by Jurys to provide a twice yearly maintenance inspection to the drainage system as well as for 24 hour emergency call out.

The new basement, used as office accommodation for the hotel staff, has remained completely dry since its completion, in spite of its very close proximity to the river.

Triton Conservation Systems undertakes all types of conservation work including dry rot treatment and timber preservation, as well as structural waterproofing using Platon membranes which are supplied exclusively in Ireland by John Banford of Triton Ireland Building Protection Ltd. The main contractor for this project was Bowen Construction for O'Callaghan Properties, who lease the building to Jurys.

### **Triton Systems**

Units 3 – 5 Crayford Commercial Centre,  
Greyhound Way, Crayford, Kent DA1 4HF

Tel: 01322 318830

Fax: 01322 524017

Email: [info@tritonsystems.co.uk](mailto:info@tritonsystems.co.uk)

[www.tritonsystems.co.uk](http://www.tritonsystems.co.uk)

### **John Banford, Triton Ireland Building Protection Ltd**

Tel: + 28 9264 8870

### **Triton Conservation Systems**

Tel: +353 21 4504201 or

+353 873 134 933