



Case Study

THE ROYAL COURTS OF JUSTICE - LONDON

GRADE 1 LISTED - ENGLISH HERITAGE PROJECT

Waterproofing Project: Royal Courts of Justice, London

History

This Grade I listed structure has a labyrinth of unused basement areas. With space at a premium, the courts looked at converting the brick basements to habitable space.

Methodology

The Newton System 500 LATH cavity drain system was designed and installed by our Newton Specialist Basement Contractor. The membrane system was mechanically fixed with NuSeal fixing plugs, and thus created an air gap for water ingress to be guided to perimeter drainage conduits, which channelled any water to natural drainage. The water management system installed negated the need for expensive surface preparation and was easily molded to the original building contours. In addition the system is deemed as removable (if required) in accordance with Listed building requirements.

Result

The vaults are now used as a luxury bar and rest area to Environmental Grade 3 (BS8102-1990). The photographs featured illustrate the first phase of this ongoing scheme.

The Benefits

The Victorian Bird Beak Arches were waterproofed without compromising the original features of this historic property.

The completed system was very well received by the client and is in line with The British Standards and National Heritage guidelines.

Contractor: Stonehouse Property Care

In Picture



Royal Courts of Justice - Aldwych, Front view.



Membrane and drainage system installation in progress.



Membrane fully installed, in preparation for a direct render finish.



Project Completed - Bar and rest area open for business.