

Parliament Buildings

Northern Ireland



Country: United Kingdom

Timescale: July– September 2014

Structure: Parliament Buildings (seat of N.Ireland Assembly)

Client: Tracey Bros Ltd (Main Contractor), & N.I. Assembly

CPT Treatment used:

DuoGuard™ Hybrid Anode™ System



Parliament buildings Stormont Belfast was built between 1927 and 1932. Designed by Arnold Thornley it is a Portland Limestone and Mourne Granite structure. The impressive B+ Listed building is a Neo Classical four storey building with a basement and Portico. The ground floor has square rusticated columns supporting six giant iconic columns and a pediment which covers office accommodation.

Problem

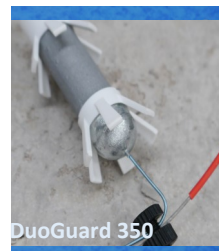
The steel reinforced concrete roof of the Pediment had been allowing water ingress for some time and as result the steel had been corroding and causing cracking and spalling in the concrete.

Solution Developed

Following a condition survey the use of DuoGuard Hybrid Anodes was recommended and a repair and long-term protection scheme designed. As the building is in constant use consideration had to be given to the disruption potential of carrying out major concrete repairs so a design requiring minimum concrete removal and noise generation was essential.

Benefits

The work was carried out quickly and efficiently and the area handed back to the main contractor 'on time' ready for internal fit out.



MN15 R.E

CPT Products Used:

- ◆ DuoGuard™ 350
- ◆ DuoCrete SD Mortar

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