

Customer Police Authority
Sector Buildings & Structures
Date June 1999
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APPLICATION EXAMPLE

Repairs to architectural concrete panel

Situation

Fourteen architectural panels at a North Wales Police Station were suffering from carbonisation and the reinforcing bars had blown in many areas. The panels had become porous and required sealing to prevent further deterioration.

Implication

Left untreated the problem would increase leading to potential health and safety implications of falling concrete on passers by. For obvious reasons the look of the building was aesthetically unpleasing.

Solution

The defective concrete was removed. The damaged areas were rebuilt with a lightweight epoxy repair cement and all the panels were sealed with a clear coating.

Facts

This was an intricate job as all the original stones were resin bonded back into the epoxy repair cement one by one, but the end result was commended by the Senior Architect.

