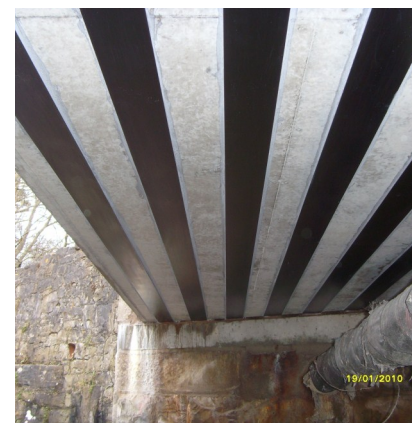
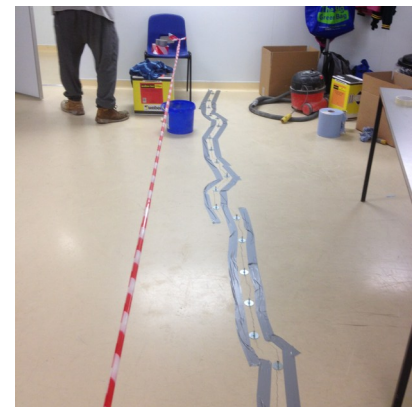




## Resin Injection and Carbon Fibre Plate Bonding



### Resin injection techniques

These have proved to be a valuable ally in the repair and conservation of stone, wood, concrete and brick over the past decade. Although they number among the 'new technologies' towards which purist preservationists are often hostile, they can be used to achieve spectacular repairs, knitting together fragile and fractured structures where the only alternative would be total renewal with its great expense, disruption to use and destruction of aesthetic harmony.

Quadriga has considerable experience in a variety of injection techniques which are used to rebond delaminated floor screeds, cracked renders, timber shakes and cracks in masonry and concrete.

### Cathodic protection and Carbon fibre plate bonding.

We offer innovative and flexible solutions to effectively treat steel corrosion problems on a wide variety of concrete structures such as bridges, car parks, coastal, industrial and high rise structures.

These include installation of 'sacrificial galvanic anodes' and 'impressed current protection systems'.

We also offer strengthening of structures by the introduction of 'carbon fibre plates' bonded to the host structure. The plates are pultruded carbon fibre reinforced polymer [CFRP] which can strengthen concrete, timber and masonry alike.. Bonded onto the structure as an external reinforcement using epoxy resin adhesives.

### Restoring A Past. . . Preserving A Future...

Survey Diagnosis & Proposals . Concrete Repair . Masonry Repair . Stone Restoration  
Waterproofing . Bird Repellent Systems . Timber Restoration . General Refurbishment

GADBROOK HOUSE

GADBROOK  
PARK

RUDHEATH

NORTHWICH

CHESHIRE

CW9 7RG

T: 01606 330888

F: 01606 330777

info@quadrigaltd.com

www.quadrigaltd.com