



OXFORD  
HYDROTECHNICS

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**Monica Wills House, Bristol**

Following a car fire within an underground car park, resulting in delamination of the permanent steel soffit formwork from the first floor concrete deck infill, H2Ox were called in by specialist concrete repair company Makers UK Ltd to come up with a grouting solution to fill the voids. Despite the main Client’s engineer advising a cementitious solution, H2Ox Engineers realised that to ensure complete void filling when dealing with voids from 10mm tapering down to 0mm a resin injection option would be required.

H2ox used a multi-port two component epoxy injection pump and injected almost 800kg of low viscosity 2:1 ratio epoxy resin into approximately 400m2 of soffit. Subsequent hammer testing by the client proved that the void filling had been successful.

